

# Database Schema

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## dwh\_capacity

### dwh\_capacity.application\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this application row.
<b>name</b>	varchar(255)	true	Name of the application.
<b>description</b>	varchar(255)	true	Description of the application.
<b>priority</b>	varchar(255)	true	Priority of the application.
<b>url</b>	varchar(255)	true	Url to this application in Insight Server.
<b>id</b>	int(11)	true	GUID of the application in <code>dwh_inventory.application</code>.
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this application.

Column	Type	Nullable	Description
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<b>dateTk</b>	int(11)	true	TK of the date in which this application row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
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### dwh\_capacity.application\_group\_bridge

Column	Type	Nullable	Description
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<b>appGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_group_dimension</a></li> </ul>
<b>appTk</b>	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_dimension</a></li> </ul>
<b>isRep</b>	char(1)	true	Indicates whether this application represents its application group.

### dwh\_capacity.application\_group\_dimension

Column	Type	Nullable	Description
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<b>tk</b>	int(11)	true	TK of the application group.
<b>repApp</b>	varchar(255)	true	Name of the application representing the application group.
<b>repAppTk</b>	int(11)	true	TK of the application representing the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_dimension</a></li> </ul>
<b>cardinality</b>	smallint(6)	true	Number of applications in the application group.
<b>dateTk</b>	int(11)	true	TK of the date in which the application group row was created.



Column	Type	Nullable	Description
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References:

- tk in [dwh\\_capacity.date\\_dimension](#)

## dwh\_capacity.business\_entity\_dimension

Column	Type	Nullable	Description
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tk	int(11)	true	TK of this business entity row.
fullname	varchar(1024)	true	Name of the business entity.
tenant	varchar(255)	true	Name of the tenant.
lob	varchar(255)	true	Name of the line of business.
businessUnit	varchar(255)	true	Name of the business unit.
project	varchar(255)	true	Name of the project.
id	int(11)	true	GUID of the business entity in <code>dwh_inventory.annotation_value</code> .
latest	char(1)	true	Indicates whether this row is the latest one for this business entity.
dateTk	int(11)	true	TK of the date in which this business entity row was created.

References:

- tk in [dwh\\_capacity.date\\_dimension](#)

## dwh\_capacity.capacity\_type

Capacity type dictionary.

Column	Type	Nullable	Description
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type	enum('VM Used',	true	<b>&lt;code&gt;Datastore Other&lt;/code&gt;</b> : Capacity at the datastore level that is not specified by SANscreen
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Column	Type	Nullable	Description
	'Datastore Unused', 'Datastore Other')		(e.g., overhead attributed to different technologies). <b>Datastore Unused</b> : Capacity at the datastore level that is not used by any virtual disk. <b>VM Used</b> : Capacity of virtual disks that are used by virtual machines.
<b>used</b>	char(1)	true	Indicates capacity being used by hosts and applications.
<b>vmSpecific</b>	char(1)	true	Types used in vm_capacity_fact.
<b>replicationSpecific</b>	char(1)	true	Types used with protection/replication capacity.
<b>description</b>	varchar(255)	true	Description for this capacity type.

### dwh\_capacity.cardinals

Column	Type	Nullable	Description
<b>digit</b>	int(11)	true	A number between 0 and 99.

### dwh\_capacity.chargeback\_fact

Fact provides platform for unified chargeback.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>

Column	Type	Nullable	Description
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.internal_volume_dimension</a></li> </ul>
qtreeTk	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.qtree_dimension</a></li> </ul>
hostTk	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.host_dimension</a></li> </ul>
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.host_group_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_group_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.service_level_dimension</a></li> </ul>
businessUnit	varchar(255)	true	Business Unit associated with the qtree.
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.business_entity_dimension</a></li> </ul>
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.k8s_namespace_dimension</a></li> </ul>
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.k8s_namespace_group_dimension</a></li> </ul>
protectionType	varchar(255)	true	Specifies the protection type.
storageAccessType	enum('NAS', 'SAN', 'OTHER')	true	Describes how this capacity is being used. SAN for volumes or qtrees/internal volumes that have a volume on it, OTHER for cloud storages, NAS otherwise.
resourceName	varchar(255)	true	Name of the resource on which the capacity resides. N/A when resource type is VOLUME
resourceType	enum('VOLUME', 'QTREE',	true	Describes what capacities were aggregated to

Column	Type	Nullable	Description
	'INTERNAL_VOLUME', 'OBJECT')		obtain this capacity.
<b>mappedByVM</b>	char(1)	true	Indicates whether this resource is mapped from VM
<b>virtualStorage</b>	char(1)	true	Indicates whether this capacity is virtualized by a backend storage
<b>provisionedCapacityMB</b>	bigint(20)	true	Provisioned capacity.
<b>usedCapacityMB</b>	bigint(20)	true	Used capacity.

### **dwh\_capacity.datastore\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this datastore row.
<b>naturalKey</b>	varchar(768)	true	Oid of the datastore.
<b>name</b>	varchar(512)	true	Name of the datastore.
<b>moid</b>	varchar(255)	true	Managed Object ID of the datastore.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center of the datastore.
<b>url</b>	varchar(255)	true	Url to this datastore in Insight Server.
<b>id</b>	int(11)	true	GUID of the datastore in <code>dwh_inventory.hv_data_store</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this datastore.
<b>dateTk</b>	int(11)	true	TK of the date in which this datastore row was created. References:

Column	Type	Nullable	Description
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- tk in [dwh\\_capacity.date\\_dimension](#)

## **dwh\_capacity.date\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the date object.
<b>fullDate</b>	datetime	true	Date of the date object.
<b>dayInMonth</b>	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
<b>dayInYear</b>	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
<b>dateYear</b>	smallint(6)	true	Year of the date object.
<b>yearLabel</b>	char(4)	true	Year formatted as String
<b>monthNum</b>	tinyint(4)	true	Month of the date object. January has value 1.
<b>monthLabel</b>	char(7)	true	Month formatted as String
<b>dayInWeekNum</b>	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
<b>quarter</b>	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
<b>quarterLabel</b>	char(7)	true	Quarter formatted as String
<b>dayInQuarter</b>	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
<b>repQuarter</b>	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
<b>repMonth</b>	tinyint(4)	true	Indicates whether this date is the first date available for its month.

Column	Type	Nullable	Description
<b>repWeek</b>	tinyint(4)	true	Indicates whether this date is the first date available for its week.
<b>repDay</b>	tinyint(4)	true	Indicates whether this date is the first date available for its day.
<b>repMonthOrLatest</b>	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
<b>sspFlag</b>	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool Datamart. It is true for month representatives and for the last number of days as defined in configuration.
<b>latest</b>	char(1)	true	Indicates whether this date is the last date available in the table.
<b>future</b>	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

## dwh\_capacity.disk\_group\_capacity\_fact

Fact describes disk group capacity and its usage.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the disk group resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the storage pool where the disk group resides.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
diskGroupTk	int(11)	true	TK of the disk group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.disk_group_dimension</a></li> </ul>
capacityMB	bigint(20)	true	The usable capacity of the disk group.
usedCapacityMB	bigint(20)	true	The used capacity of the disk group.
physicalDiskCapacityMB	bigint(20)	true	The physical capacity of the disk group.

### **dwh\_capacity.disk\_group\_capacity\_future\_fact**

Disk Group Capacity DM (Future projections)

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
diskGroupTk	int(11)	true	TK of the disk group where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.disk_group_dimension</a></li> </ul>



Column	Type	Nullable	Description
<b>capacityMB</b>	bigint(20)	true	Usable capacity of the disk group as reported by the storage-array in MB.
<b>usedCapacityMB</b>	bigint(20)	true	Used capacity of the disk group as reported by the storage-array in MB.

### **dwh\_capacity.disk\_group\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this disk group row.
<b>name</b>	varchar(255)	true	Name of the disk group.
<b>identifier</b>	varchar(768)	true	Identifier of the disk group.
<b>vendorDiskGroupType</b>	varchar(255)	true	Vendor type of the disk group.
<b>diskType</b>	varchar(255)	true	Type of disks in the disk group.
<b>status</b>	varchar(255)	true	Status of the disk group.
<b>redundancy</b>	varchar(255)	true	Redundancy of the disk group.
<b>isVirtual</b>	char(1)	true	Indicates whether the disk group is virtual.
<b>vendorTier</b>	varchar(255)	true	Vendor tier of the disk group.
<b>id</b>	int(11)	true	GUID of the disk group in <code>dwh_inventory.disk_group</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this disk group.
<b>dateTk</b>	int(11)	true	TK of the date in which this disk group row was created. References:

- **tk** in [dwh\\_capacity.date\\_dimension](#)

## dwh\_capacity.host\_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this host row.
name	varchar(255)	true	Name of the host.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	Comma separated list of IP addresses of the host.
os	varchar(255)	true	Operating system running on the host.
model	varchar(255)	true	Model number.
manufacturer	varchar(255)	true	Manufacturer of the host.
url	varchar(255)	true	Url to this host in Insight Server.
id	int(11)	true	GUID of the host in <code>dwh_inventory.host</code> .
latest	char(1)	true	Indicates whether this row is the latest one for this host.
dateTk	int(11)	true	TK of the date in which this host row was created. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_capacity.date_dimension</a></li></ul>
dataCenter	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Host.

## dwh\_capacity.host\_group\_bridge

Column	Type	Nullable	Description
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_capacity.host_group_dimension</a></li></ul>
hostTk	int(11)	true	TK of the host.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.host_dimension</a></li> </ul>
isRep	char(1)	true	Indicates whether this host represents its host group.

### dwh\_capacity.host\_group\_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of the host group.
repHost	varchar(255)	true	Name of the host representing the host group.
repHostTk	int(11)	true	TK of the host representing the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.host_dimension</a></li> </ul>
cardinality	smallint(6)	true	Number of hosts in the host group.
dateTk	int(11)	true	TK of the date in which this host group row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### dwh\_capacity.internal\_volume\_capacity\_fact

Fact describes internal volume capacity and its usage.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage where the internal volume

Column	Type	Nullable	Description
			resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the storage pool where the internal volume resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	TK of the internal volume. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.internal_volume_dimension</a></li> </ul>
virtualStorageTk	int(11)	true	TK of the frontend array in case this is a virtual internal volume. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_group_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.service_level_dimension</a></li> </ul>
<b>businessUnit</b>	varchar(255)	true	Business Unit associated with the internal volume.
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.business_entity_dimension</a></li> </ul>
<b>k8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroupTk</b>	int(11)	true	TK of the k8s namespace group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.k8s_namespace_group_dimension</a></li> </ul>
<b>storageAccessType</b>	enum('NAS', 'SAN')	true	Describes how this internal volume is being used. SAN if it has a volume on it, NAS otherwise.
<b>protectionType</b>	varchar(255)	true	Specifies the protection type for this internal volume or N/A if it is not a replica.
<b>allocatedCapacityMB</b>	bigint(20)	true	Total allocated capacity on internal volume.
<b>consumedCapacityMB</b>	bigint(20)	true	Capacity consumed by this internal volume from storage pool.
<b>usedCapacityMB</b>	bigint(20)	true	Total used capacity on this internal volume.
<b>dataUsedCapacityMB</b>	bigint(20)	true	Used capacity on this internal volume without snapshot.
<b>dataUnusedCapacityMB</b>	bigint(20)	true	Capacity available for writing data on the internal

Column	Type	Nullable	Description
			volume.
<b>snapshotAllocatedCapacityMB</b>	bigint(20)	true	Capacity allocated for snapshots on this internal volume.
<b>snapshotUsedCapacityMB</b>	bigint(20)	true	Capacity used by snapshots on this internal volume.
<b>totalCloneSavedCapacityMB</b>	bigint(20)	true	Capacity which the clone internal volume shares with its source internal volume.
<b>dedupeRatio</b>	float	true	The dedupe compression ratio on this internal volume.
<b>rawToUsableRatio</b>	float	true	The ratio between disk raw capacity and usable capacity for the internal volume. Affected by the RAID level and other overheads.
<b>snapshotCount</b>	int(11)	true	Number of snapshots on this internal volume.
<b>lastSnapshotTime</b>	datetime	true	Time of the last snapshot.
<b>compressionRatio</b>	float	true	The compression ratio on this internal volume.

### **dwh\_capacity.internal\_volume\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this internal volume row.
<b>name</b>	varchar(255)	true	Name of the internal volume.
<b>identifier</b>	varchar(768)	true	Identifier of the internal volume.
<b>storagePoolIdentifier</b>	varchar(768)	true	Identifier of the storage pool where this internal volume resides.
<b>storageName</b>	varchar(255)	true	Name of the storage where this internal

Column	Type	Nullable	Description
			volume resides.
<b>storageIP</b>	varchar(255)	true	IP of the storage where this internal volume resides.
<b>type</b>	varchar(255)	true	internal volume type.
<b>virtualStorage</b>	varchar(255)	true	Specifies VirtualStorage(e.g.vFiler)
<b>spaceGuarantee</b>	varchar(255)	true	internal volume space guarantee.
<b>thinProvisioningSupported</b>	char(1)	true	is thin provisioning supported for the internal volume.
<b>thinProvisioned</b>	char(1)	true	is the internal volume thin provisioned.
<b>uuid</b>	varchar(255)	true	UUID of the internal volume.
<b>flexGroupIdentifier</b>	varchar(768)	true	FlexGroup identifier to which this internal volume belongs.
<b>url</b>	varchar(255)	true	Url to this internal volume in Insight Server.
<b>id</b>	int(11)	true	GUID of the internal volume in <code>dwh_inventory.internal_volume</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this internal volume.
<b>dateTk</b>	int(11)	true	TK of the date in which this internal volume row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

## **dwh\_capacity.k8s\_cluster\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this cluster row.
<b>identifier</b>	varchar(768)	true	unique identifier of the cluster.
<b>name</b>	varchar(255)	true	Name of the cluster.
<b>id</b>	int(11)	true	GUID of the cluster in <code>dwh_inventory.k8s_cluster</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this cluster.
<b>dateTk</b>	int(11)	true	TK of the date in which this cluster row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### **dwh\_capacity.k8s\_namespace\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this namespace row.
<b>identifier</b>	varchar(768)	true	unique identifier of the namespace.
<b>name</b>	varchar(255)	true	Name of the namespace.
<b>clusterName</b>	varchar(255)	true	Cluster name of the namespace.
<b>id</b>	int(11)	true	GUID of the namespace in <code>dwh_inventory.k8s_namespace</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this namespace.
<b>dateTk</b>	int(11)	true	TK of the date in which this namespace row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### **dwh\_capacity.k8s\_namespace\_group\_dimension**



Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the k8s namespace group.
<b>repK8sNamespace</b>	varchar(255)	true	Name of the application representing the k8s namespace group.
<b>repK8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace representing the group.
<b>cardinality</b>	smallint(6)	true	Number of k8s namespaces in the application group.
<b>dateTk</b>	int(11)	true	TK of the date in which the k8s namespace group row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### **dwh\_capacity.k8s\_node\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this node row.
<b>identifier</b>	varchar(768)	true	unique identifier of the node.
<b>name</b>	varchar(255)	true	Name of the node.
<b>clusterName</b>	varchar(255)	true	Cluster name of the node.
<b>id</b>	int(11)	true	GUID of the node in <code>dwh_inventory.k8s_node</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this node.
<b>dateTk</b>	int(11)	true	TK of the date in which this node row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### **dwh\_capacity.qtree\_capacity\_fact**

Fact describes qtree capacity and its usage.

Column	Type	Nullable	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage where the qtree resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the storage pool where the qtree resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	TK of the internal volume where the qtree resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.internal_volume_dimension</a></li> </ul>
qtreeTk	int(11)	true	TK of the qtree. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.qtree_dimension</a></li> </ul>
virtualStorageTk	int(11)	true	TK of the frontend array in case this qtree is on virtual internal volume. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.service_level_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_group_dimension</a></li> </ul>
businessUnit	varchar(255)	true	Business Unit associated with the qtree.
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.business_entity_dimension</a></li> </ul>
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.k8s_namespace_dimension</a></li> </ul>
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.k8s_namespace_group_dimension</a></li> </ul>
<b>storageAccessType</b>	enum('NAS', 'SAN')	true	Describes how this qtree is being used. SAN if it has a volume on it, NAS otherwise.
<b>protectionType</b>	varchar(255)	true	Specifies the protection type for this capacity or N/A if it is not a replica.
<b>hardLimitCapacityMB</b>	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, data cannot be written.
<b>softLimitCapacityMB</b>	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, a warning is issued but data can still be written.
<b>usedCapacityMB</b>	bigint(20)	true	Capacity used towards the hard and soft capacity limit set on the quota.
<b>rawToUsableRatio</b>	float	true	The ratio between disk raw capacity and usable capacity for the qtree. Affected by the RAID level and other overheads.
<b>missingQuotaLimits</b>	enum('NO_LIMITS_MISSING', 'HARD_LIMIT_MISSING', 'SOFT_LIMIT_MISSING', 'HARD_AND_SOFT_LIMIT_MISSING')	true	Indicates which of the hard and soft limits were missing and initialized with default values.

### **dwh\_capacity.qtree\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this qtree row.
<b>name</b>	varchar(255)	true	Name of the qtree.

Column	Type	Nullable	Description
<b>identifier</b>	varchar(768)	true	Identifier of the qtree.
<b>storageIdentifier</b>	varchar(768)	true	Identifier of the storage where this qtree resides.
<b>type</b>	enum('DEFAULT', 'EXPLICIT')	true	Qtree type.
<b>url</b>	varchar(255)	true	Url to this qtree in Insight Server.
<b>id</b>	int(11)	true	GUID of the qtree in <code>dwh_inventory.qtree</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this qtree.
<b>dateTk</b>	int(11)	true	TK of the date in which this qtree row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### **dwh\_capacity.service\_level\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this service level row.
<b>name</b>	varchar(255)	true	Identifying name for the service level.
<b>sequence</b>	int(11)	true	Sequential number of the service level as defined in <code>dwh_inventory.annotation_value</code> .
<b>cost</b>	double	true	Cost associated with this service level.
<b>id</b>	int(11)	true	GUID of the service level in <code>dwh_inventory.annotation_value</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this service level.
<b>dateTk</b>	int(11)	true	TK of the date in which this service level row was created. References:

Column	Type	Nullable	Description
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- tk in [dwh\\_capacity.date\\_dimension](#)

### dwh\_capacity.sp\_time\_to\_fill

Column	Type	Nullable	Description
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<b>saspFactTk</b>	int(11)	true	TK of the storage and storage pool fact. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.storage_and_storage_pool_capacity_fact</a></li> </ul>
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<b>daysToStoragePool Full</b>	int(11)	true	No of Days for the UsedCapacity to be equal to the Capacity
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<b>dateAtStoragePool Full</b>	datetime	true	Date At which the UsedCapacity would be equal to the Capacity
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### dwh\_capacity.storage\_and\_storage\_pool\_capacity\_fact

Storage and Storage Pool Capacity DM

Column	Type	Nullable	Description
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<b>tk</b>	int(11)	true	TK of the fact.
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<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
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<b>storagePoolTk</b>	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.storage_pool_dimensi</a></li> </ul>
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Column	Type	Nullable	Description
			<a href="#">on</a>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
<b>backend</b>	char(1)	true	True when StoragePool is backend
<b>isVirtual</b>	char(1)	true	True when StoragePool is virtual
<b>capacityMB</b>	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB.
<b>rawCapacityMB</b>	bigint(20)	true	capacity * rawToUsableRatio
<b>usedCapacityMB</b>	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB.
<b>usedRawCapacityMB</b>	bigint(20)	true	usedCapacity * rawToUsableRatio
<b>snapshotUsedCapacityMB</b>	bigint(20)	true	Capacity used for storage-pool level snapshots in MB
<b>snapshotUsedRawCapacityMB</b>	bigint(20)	true	snapshotUsedCapacityMB * rawToUsableRatio
<b>softLimitCapacityMB</b>	bigint(20)	true	Capacity limit for storage pool thin provisioning in MB.
<b>unconfiguredRawCapacityMB</b>	bigint(20)	true	Unconfigured raw capacity of the storage (includes failed, spare and unused disks) in MB.

Column	Type	Nullable	Description
<b>spareRawCapacityMB</b>	bigint(20)	true	Raw capacity of spare disks in MB.
<b>failedRawCapacityMB</b>	bigint(20)	true	Raw capacity of failed disks in MB.
<b>volumeCapacityMB</b>	bigint(20)	true	Provisioned capacity of all volumes on this storage pool in MB.
<b>unusedVolumeCapacityMB</b>	bigint(20)	true	Provisioned capacity of unused volumes on this storage pool in MB.
<b>volumeConsumedCapacityMB</b>	bigint(20)	true	Physical capacity consumed by volumes on this storage pool in MB.
<b>mappedVolumeCapacityMB</b>	bigint(20)	true	Provisioned capacity of mapped volumes on this storage pool in MB.
<b>maskedVolumeCapacityMB</b>	bigint(20)	true	Provisioned capacity of masked volumes on this storage pool in MB.
<b>internalVolumeAllocatedCapacityMB</b>	bigint(20)	true	Total allocated capacity of internal volumes on this storage pool in MB.
<b>internalVolumeUsedCapacityMB</b>	bigint(20)	true	Total used capacity of internal volumes on this storage pool in MB.
<b>internalVolumeConsumedCapacityMB</b>	bigint(20)	true	Capacity consumed by internal volumes on this storage pool in MB.
<b>dedupeRatio</b>	float	true	The deduplication ratio on this storage pool
<b>compressionRatio</b>	float	true	The compression ratio on this storage pool
<b>compactionRatio</b>	float	true	The compaction ratio on this storage pool

### **dwh\_capacity.storage\_and\_storage\_pool\_capacity\_future\_fact**

Storage and Storage Pool Capacity DM (Future projections)



Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
<b>backend</b>	char(1)	true	True when StoragePool is backend
<b>isVirtual</b>	char(1)	true	True when StoragePool is virtual
<b>capacityMB</b>	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB.
<b>rawCapacityMB</b>	bigint(20)	true	capacity * rawToUsableRatio
<b>usedCapacityMB</b>	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB.
<b>usedRawCapacityMB</b>	bigint(20)	true	usedCapacity * rawToUsableRatio

### dwh\_capacity.storage\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this storage array row.

Column	Type	Nullable	Description
<b>name</b>	varchar(255)	true	Name of the storage array.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the storage array.
<b>model</b>	varchar(255)	true	Model of the storage array.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the storage array.
<b>serialNumber</b>	varchar(255)	true	Serial number for the storage array.
<b>microcodeVersion</b>	varchar(255)	true	Version of the firmware running on the storage array.
<b>family</b>	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
<b>url</b>	varchar(255)	true	Url to this storage in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage.
<b>dateTk</b>	int(11)	true	TK of the date in which this storage array row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Storage.

### **dwh\_capacity.storage\_pool\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this storage pool row.

Column	Type	Nullable	Description
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>name</b>	varchar(255)	true	Name of the storage pool.
<b>storageName</b>	varchar(255)	true	Name of the storage where this storage pool resides.
<b>storageIP</b>	varchar(255)	true	IP of the storage where this storage pool resides.
<b>type</b>	varchar(255)	true	Storage pool type (e.g., RAID, AGGREGATE, etc.).
<b>redundancy</b>	varchar(255)	true	Storage pool redundancy.
<b>thinProvisioningSupported</b>	char(1)	true	Indicates whether thin provisioning is supported by the storage pool.
<b>isVirtual</b>	char(1)	true	Virtual indicates this is a frontend storage pool in array virtualization.
<b>usesFlashPools</b>	char(1)	true	Indicates whether this storage pool uses flash pools.
<b>url</b>	varchar(255)	true	Url to this storage pool in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage pool in <code>dwh_inventory.storage_pool</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage pool.
<b>dateTk</b>	int(11)	true	TK of the date in which this storage pool row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

## **dwh\_capacity.tier\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this tier row.
<b>name</b>	varchar(255)	true	Identifying name for the tier.
<b>sequence</b>	int(11)	true	Sequential number of the tier as defined in <code>dwh_inventory.annotation_value</code> .
<b>cost</b>	double	true	Cost associated with this tier.
<b>id</b>	int(11)	true	GUID of the tier in <code>dwh_inventory.annotation_value</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this tier.
<b>dateTk</b>	int(11)	true	TK of the date in which this tier row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

## dwh\_capacity.vm\_capacity\_fact

Fact describes VM capacity usage.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.host_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>

Column	Type	Nullable	Description
<b>virtualStorageTk</b>	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
<b>internalVolumeTk</b>	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.internal_volume_dimension</a></li> </ul>
<b>qtreeTk</b>	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.qtree_dimension</a></li> </ul>
<b>hostGroupTk</b>	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.host_group_dimension</a></li> </ul>
<b>applicationTk</b>	int(11)	true	TK of the application which represents the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_dimension</a></li> </ul>
<b>applicationGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.application_group_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.service_level_dimension</a></li> </ul>

Column	Type	Nullabl e	Description
<b>vmTk</b>	int(11)	true	TK of the virtual machine. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.vm_dimension</a></li> </ul>
<b>dataStoreTk</b>	int(11)	true	TK of the datastore. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.datastore_dimension</a></li> </ul>
<b>dataStoreName</b>	varchar(512)	true	Name of the data-store containing the capacity.
<b>dataStoreId</b>	int(11)	true	GUID of the data-store in <code>dwh_inventory.host</code> - set to <b>null</b> when the data-store is removed from the inventory. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>virtualCenterIp</b>	varchar(255)	true	Virtual center IP.
<b>businessUnit</b>	varchar(255)	true	Business Unit associated with the capacity.
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.business_entity_dimension</a></li> </ul>
<b>k8sNodeTk</b>	int(11)	true	TK of the k8s node. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.k8s_node_dimension</a></li> </ul>
<b>storageAccessType</b>	enum('SAN', 'NAS', 'UNKNOWN' )	true	Type of access to the storage. Possible values are: NAS, SAN or UNKNOWN.
<b>capacityType</b>	enum('VM Used', 'Datastore Unused',	true	Identifies the usage of the capacity - every bit of data- store capacity has exactly one usage at a specific time. References:

Column	Type	Nullable	Description
	'Datastore Other')		<ul style="list-style-type: none"> <li><b>type</b> in <a href="#">dwh_capacity.capacity_type</a></li> </ul>
<b>actualMB</b>	bigint(20)	true	The amount of data-store capacity being used (or RDM virtual disk). This measurement ignores savings done in the backend storage using thin-provisioning and de-duplication.
<b>provisionedMB</b>	bigint(20)	true	The amount of capacity that was allocated for a VM. This measurement includes VMDKs and other VM related files.

### dwh\_capacity.vm\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this virtual machine row.
<b>name</b>	varchar(255)	true	Name of the virtual machine.
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the virtual machine.
<b>os</b>	varchar(255)	true	Guest operating system.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center of the virtual machine.
<b>ips</b>	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
<b>url</b>	varchar(255)	true	Url to this virtual machine in Insight Server.
<b>id</b>	int(11)	true	GUID of the virtual machine in <code>dwh_inventory.hv_virtual_machine</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this virtual machine.
<b>dateTk</b>	int(11)	true	TK of the date in which this virtual machine row was created.

Column	Type	Nullable	Description
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References:

- tk in [dwh\\_capacity.date\\_dimension](#)

## dwh\_capacity.volume\_capacity\_fact

Column	Type	Nullable	Description
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<b>volumeTk</b>	int(11)	true	TK of the volume where the capacity resides. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.volume_dimension</a></li> </ul>
<b>chargebackFactTk</b>	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.chargeback_fact</a></li> </ul>
<b>storageAndSpFactTk</b>	int(11)	true	TK of the storage and storage pool capacity fact row where the volume capacity is counted. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.storage_and_storage_pool_capacity_fact</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.host_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
<b>hostGroupTk</b>	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_capacity.host_group_dimension</a></li> </ul>



Column	Type	Nullable	Description
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.service_level_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
<b>internalVolumeTk</b>	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.internal_volume_dimension</a></li> </ul>
<b>qtreeTk</b>	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.qtree_dimension</a></li> </ul>
<b>k8sNamespaceGroupTk</b>	int(11)	true	TK of the k8s namespace group.
<b>isVirtual</b>	char(1)	true	Specifies whether this capacity is on virtual storage pool.
<b>isBackend</b>	char(1)	true	Specifies whether this capacity is on backend storage pool.
<b>protectionType</b>	varchar(255)	true	Specifies the protection type for this capacity or N/A if it is not a replica.
<b>isAccessed</b>	char(1)	true	Specifies whether this volume is accessed by host.
<b>isOrphaned</b>	char(1)	true	Specifies whether this volume is masked but does not have active path to it.
<b>isProtection</b>	char(1)	true	Specifies whether this volume is used for replication.

Column	Type	Nullable	Description
<b>isUnused</b>	char(1)	true	Specifies whether this volume is not accessed by hosts.
<b>provisionedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes in MB.
<b>accessedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are accessed by hosts in MB.
<b>orphanedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are masked but do not have active path to them in MB.
<b>protectionCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are used for replication in MB.
<b>unusedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are not accessed by hosts in MB.
<b>daysSinceLastAccessed</b>	int(11)	true	Number of days passed since the volume was accessed for read or write.

### **dwh\_capacity.volume\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this volume row.
<b>storageIdentifier</b>	varchar(768)	true	Identifier of the volume storage.
<b>name</b>	varchar(255)	true	Name of the volume.
<b>label</b>	varchar(255)	true	Label of the volume.
<b>thinProvisioned</b>	char(1)	true	Is volume thin provisioned?
<b>type</b>	varchar(255)	true	type of the volume.
<b>isVirtual</b>	char(1)	true	Is volume a virtual volume?
<b>meta</b>	char(1)	true	Is volume a meta volume?

Column	Type	Nullable	Description
<b>snapshot</b>	char(1)	true	Indicates whether this volume is a snapshot volume.
<b>technologyType</b>	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
<b>uuid</b>	varchar(255)	true	UUID of the volume.
<b>isMainframe</b>	char(1)	true	Is Mainframe volume?
<b>url</b>	varchar(255)	true	Url to this volume in Insight Server.
<b>id</b>	int(11)	true	GUID of the volume in <code>dwh_inventory.volume</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this volume.
<b>dateTk</b>	int(11)	true	TK of the date in which this volume row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.date_dimension</a></li> </ul>

### **dwh\_capacity.volume\_fact\_current**

Volumes usage table (for non-VM volumes only).

Column	Type	Nullable	Description
<b>chargebackFactTk</b>	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.chargeback_fact</a></li> </ul>
<b>volumeld</b>	int(11)	true	GUID of the volume as appears in inventory References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.volume</a></li> </ul>

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage where this volume resides, as appears in the inventory References: <ul style="list-style-type: none"> <li>• id in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>volumeName</b>	varchar(255)	true	Name of the volume
<b>volumeType</b>	varchar(255)	true	Vendor-specific type of volume (e.g., SFS, BCV).
<b>thinProvisioned</b>	char(1)	true	Indicates whether this volume is thin provisioned.
<b>isVirtual</b>	char(1)	true	Indicates whether this volume is a virtual volume.
<b>snapshot</b>	char(1)	true	Indicates whether this volume is a snapshot volume.
<b>technologyType</b>	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
<b>physicalUsableMB</b>	bigint(20)	true	The amount of volume usable capacity that is consumed from the storage and is counted in the fact row, in MB.
<b>physicalRawMB</b>	bigint(20)	true	The amount of volume raw capacity that is consumed from the storage and is counted in the fact row, in MB.
<b>provisionedUsableMB</b>	bigint(20)	true	The amount of volume usable capacity that is provisioned to hosts/users counted in the fact row, in MB.
<b>provisionedRawMB</b>	bigint(20)	true	The amount of volume raw capacity that is provisioned to hosts/users counted in the fact row, in MB.

### **dwh\_capacity.volume\_history\_capacity\_fact**

Fact describes volume capacities and their usage.

Column	Type	Nullabl e	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.date_dimension</a></li> </ul>
<b>volumeTk</b>	int(11)	true	TK of the volume where the capacity resides. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.volume_dimension</a></li> </ul>
<b>chargebackFactTk</b>	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.chargeback_fact</a></li> </ul>
<b>storageAndSpFactTk</b>	int(11)	true	TK of the storage and storage pool capacity fact row where the volume capacity is counted. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.storage_and_storage_pool_capacity_fact</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host which represents the host group. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.host_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.storage_dimension</a></li> </ul>
<b>hostGroupTk</b>	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity.host_group_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.service_level_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the storage pool where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.storage_pool_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	TK of the internal volume where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.internal_volume_dimension</a></li> </ul>
qtreeTk	int(11)	true	TK of the qtree where the capacity resides. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.qtree_dimension</a></li> </ul>
k8sNamespaceGroupTk	int(11)	true	TK of the k8s namespace group.
isVirtual	char(1)	true	Specifies whether this capacity is on virtual storage pool.
isBackend	char(1)	true	Specifies whether this capacity is on backend storage pool.
protectionType	varchar(255)	true	Specifies the protection type for this capacity or N/A if it is not a replica.
isAccessed	char(1)	true	Specifies whether this volume is accessed by host.
isOrphaned	char(1)	true	Specifies whether this volume is masked but does not have active path to it.
isProtection	char(1)	true	Specifies whether this volume is used for replication.
isUnused	char(1)	true	Specifies whether this volume is not accessed by hosts.

Column	Type	Nullable	Description
<b>isMasked</b>	char(1)	true	Specifies whether this volume is masked.
<b>isMapped</b>	char(1)	true	Specifies whether this volume is mapped.
<b>provisionedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes in MB.
<b>accessedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are accessed by hosts in MB.
<b>orphanedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are masked but do not have active path to them in MB.
<b>protectionCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are used for replication in MB.
<b>unusedCapacityMB</b>	bigint(20)	true	Provisioned capacity of volumes that are not accessed by hosts in MB.
<b>consumedCapacityMB</b>	bigint(20)	true	Consumed capacity of volumes in MB.
<b>daysSinceLastAccessed</b>	int(11)	true	Number of days passed since the volume was accessed for read or write.

## **dwh\_capacity.volume\_last\_accessed\_time**

Track last access time for volumes

Column	Type	Nullable	Description
<b>volumeId</b>	int(11)	true	Volume Id References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>lastAccessed</b>	datetime	true	Last time when the volume was accessed

# dwh\_capacity\_efficiency

## dwh\_capacity\_efficiency.date\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the date object.
<b>fullDate</b>	datetime	true	Date of the date object.
<b>dayInMonth</b>	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
<b>dayInYear</b>	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
<b>dateYear</b>	smallint(6)	true	Year of the date object.
<b>yearLabel</b>	char(4)	true	Year formatted as String
<b>monthNum</b>	tinyint(4)	true	Month of the date object. January has value 1.
<b>monthLabel</b>	char(7)	true	Month formatted as String
<b>dayInWeekNum</b>	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
<b>quarter</b>	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
<b>quarterLabel</b>	char(7)	true	Quarter formatted as String
<b>dayInQuarter</b>	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
<b>repQuarter</b>	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
<b>repMonth</b>	tinyint(4)	true	Indicates whether this date is the first date available for its month.
<b>repWeek</b>	tinyint(4)	true	Indicates whether this date is the first date available for its week.
<b>repDay</b>	tinyint(4)	true	Indicates whether this date is the first date available for



Column	Type	Nullable	Description
			its day.
<b>repMonthOrLatest</b>	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
<b>sspFlag</b>	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool Datamart. It is true for month representatives and for the last number of days as defined in configuration.
<b>latest</b>	char(1)	true	Indicates whether this date is the last date available in the table.
<b>future</b>	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

### **dwh\_capacity\_efficiency.encyfact**

Display capacity gain and loss by technology for a storage .

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity_efficiency.date_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage where the capacity resides. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_capacity_efficiency.storage_dimension</a></li> </ul>
<b>rawCapacityMB</b>	bigint(20)	true	Storage raw capacity in MB. 0 when technology is specified (not NULL).

Column	Type	Nullabl e	Description
<b>backendCapacityMB</b>	bigint(20)	true	Total capacity of backend LUNs in a virtual array, in MB. 0 when technology is specified (not NULL).
<b>storageTechnology</b>	varchar(255) )	true	Storage efficiency and protection technology such as Dedupe, Thin Provisioning, Snapshot and RAID. NULL when representing raw and backend capacity of the storage (one row per storage) .
<b>gainMB</b>	bigint(20)	true	Capacity gained by using the technology. 0 when technology is not specified (NULL).
<b>lossMB</b>	bigint(20)	true	Capacity lost by using the technology. 0 when technology is not specified (NULL).
<b>potentialGainMB</b>	bigint(20)	true	Potential capacity to gain by using the technology to the full extent. 0 when technology is not specified (NULL).
<b>potentialLossMB</b>	bigint(20)	true	Potential capacity to loss by using the technology to the full extent. 0 when technology is not specified (NULL).

### **dwh\_capacity\_efficiency.storage\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this storage array row.
<b>name</b>	varchar(255)	true	Name of the storage array.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the storage array.
<b>model</b>	varchar(255)	true	Model of the storage array.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the storage array.
<b>serialNumber</b>	varchar(255)	true	Serial number for the storage array.

Column	Type	Nullable	Description
<b>microcodeVersion</b>	varchar(255)	true	Version of the firmware running on the storage array.
<b>family</b>	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
<b>url</b>	varchar(255)	true	Url to this storage in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage.
<b>dateTk</b>	int(11)	true	TK of the date in which this stroage array row was created. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dwh_capacity_efficiency.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Storage.

## dwh\_fs\_util

### dwh\_fs\_util.compute\_resource\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this compute resource row.
<b>identifier</b>	varchar(768)	true	Natural identifier of the compute resource.
<b>name</b>	varchar(255)	true	name of the compute resource.
<b>type</b>	enum('HOST', 'VM')	true	resource type.
<b>domain</b>	varchar(255)	true	domain of compute resource.

Column	Type	Nullable	Description
<b>ip</b>	text	true	Comma separated list of IP addresses of the compute resource.
<b>os</b>	varchar(255)	true	Operating system running on the compute resource.
<b>id</b>	int(11)	true	GUID of the compute resource in <code>dwh_inventory.compute_resource</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this compute resource.
<b>dateTk</b>	int(11)	true	TK of the date in which this compute resource row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>

### dwh\_fs\_util.date\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the date object.
<b>fullDate</b>	datetime	true	Date of the date object.
<b>dayInMonth</b>	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
<b>dayInYear</b>	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
<b>dateYear</b>	smallint(6)	true	Year of the date object.
<b>yearLabel</b>	char(4)	true	Year formatted as String
<b>monthNum</b>	tinyint(4)	true	Month of the date object. January has value 1.
<b>monthLabel</b>	char(7)	true	Month formatted as String
<b>dayInWeekNum</b>	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.

Column	Type	Nullable	Description
<b>quarter</b>	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
<b>quarterLabel</b>	char(7)	true	Quarter formatted as String
<b>dayInQuarter</b>	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
<b>repQuarter</b>	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
<b>repMonth</b>	tinyint(4)	true	Indicates whether this date is the first date available for its month.
<b>repWeek</b>	tinyint(4)	true	Indicates whether this date is the first date available for its week.
<b>repDay</b>	tinyint(4)	true	Indicates whether this date is the first date available for its day.
<b>repMonthOrLatest</b>	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
<b>sspFlag</b>	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool Datamart. It is true for month representatives and for the last number of days as defined in configuration.
<b>latest</b>	char(1)	true	Indicates whether this date is the last date available in the table.
<b>future</b>	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

### **dwh\_fs\_util.file\_system\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the dimension.

Column	Type	Nullable	Description
<b>computeResourceIdentifier</b>	varchar(768)	true	Identifier of the compute resource. Part of the natural key.
<b>name</b>	varchar(255)	true	Mounting point or drive letter. Part of the natural key.
<b>location</b>	varchar(255)	true	Indicates where the data is kept and how it is accessed. For example: local, SAN, NAS. Will be set to null if the location is unknown.
<b>hardwareId</b>	varchar(255)	true	Host specific identifier. Will be set to null if unknown.
<b>type</b>	varchar(255)	true	File system type. For example: NTFS, FAT, UFS, UDF, ZFS, ISO 9660, VXFS etc. Will be set to null if unknown.
<b>id</b>	int(11)	true	GUID of the file-system in <code>&lt;code&gt;dwh_inventory.file_system&lt;/code&gt;</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this file-system.
<b>dateTk</b>	int(11)	true	TK of the date in which this file-system row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>

### **dwh\_fs\_util.fs\_util\_fact**

Displays file system utilization.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.host_dimension</a></li> </ul>
vmTk	int(11)	true	TK of the vm. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.vm_dimension</a></li> </ul>
computeResourceTk	int(11)	true	TK of the computeResource. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.compute_resource_dimension</a></li> </ul>
fsTk	int(11)	true	TK of the file system. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.file_system_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.storage_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.tier_dimension</a></li> </ul>
sizeMB	bigint(20)	true	Size of the file system in MB.
usedMB	bigint(20)	true	Amount of file-system capacity that is used and isn't available.

## dwh\_fs\_util.host\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this host row.
<b>name</b>	varchar(255)	true	Name of the host.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	Comma separated list of IP addresses of the host.
<b>os</b>	varchar(255)	true	Operating system running on the host.
<b>model</b>	varchar(255)	true	Model number.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the host.
<b>url</b>	varchar(255)	true	Url to this host in Insight Server.
<b>id</b>	int(11)	true	GUID of the host in <code>dwh_inventory.host</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this host.
<b>dateTk</b>	int(11)	true	TK of the date in which this host row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	dataCenter annotation value assigned to <code>dwh_dimensions.host_dimension</code>

### **dwh\_fs\_util.storage\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this storage array row.
<b>name</b>	varchar(255)	true	Name of the storage array.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the storage array.



Column	Type	Nullable	Description
<b>model</b>	varchar(255)	true	Model of the storage array.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the storage array.
<b>serialNumber</b>	varchar(255)	true	Serial number for the storage array.
<b>microcodeVersion</b>	varchar(255)	true	Version of the firmware running on the storage array.
<b>family</b>	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
<b>url</b>	varchar(255)	true	Url to this storage in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage.
<b>dateTk</b>	int(11)	true	TK of the date in which this stroage array row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	dataCenter annotation value assigned to <code>dwh_dimensions.storage_dimension</code>

### **dwh\_fs\_util.tier\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this tier row.
<b>name</b>	varchar(255)	true	Identifying name for the tier.
<b>sequence</b>	int(11)	true	Sequential number of the tier as defined in <code>dwh_inventory.annotation_value</code> .
<b>cost</b>	double	true	Cost associated with this tier.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the tier in <code>dwh_inventory.annotation_value</code>.
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this tier.
<b>dateTk</b>	int(11)	true	TK of the date in which this tier row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>

### **dwh\_fs\_util.vm\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this virtual machine row.
<b>name</b>	varchar(255)	true	Name of the virtual machine.
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the virtual machine.
<b>os</b>	varchar(255)	true	Guest operating system.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center of the virtual machine.
<b>ips</b>	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
<b>url</b>	varchar(255)	true	Url to this virtual machine in Insight Server.
<b>id</b>	int(11)	true	GUID of the virtual machine in <code>dwh_inventory.hv_virtual_machine</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this virtual machine.
<b>dateTk</b>	int(11)	true	TK of the date in which this virtual machine row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_fs_util.date_dimension</a></li> </ul>

## dwh\_inventory

### dwh\_inventory.acq\_acquisition\_unit

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the acquisition unit.
<b>identifier</b>	varchar(768)	true	Identifier of the acquisition unit.
<b>name</b>	varchar(255)	true	Name of the acquisition unit.
<b>ip</b>	varchar(255)	true	IP address of the acquisition unit.
<b>siteName</b>	varchar(255)	true	The SANscreen Site to which this acquisition unit belongs.
<b>leasePeriod</b>	bigint(20) unsigned	true	Lease period in milliseconds for the acquisition unit.
<b>nextLeaseRenewal</b>	datetime	true	Time when the lease for the acquisition unit expires.

### dwh\_inventory.acq\_data\_source

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the data source.
<b>acquisitionUnitId</b>	int(11)	true	GUID of the acquisition unit to which this data source belongs. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.acq_acquisition_unit</a></li></ul>
<b>name</b>	varchar(255)	true	Name of the data source.
<b>type</b>	varchar(255)	true	Type of the data source.

Column	Type	Nullable	Description
<b>vendor</b>	varchar(255)	true	Vendor of the data source.
<b>model</b>	varchar(255)	true	Model of the data source.
<b>auditLastStatus</b>	enum('SUCCESS', 'PARTIAL_SUCCESS', 'FAILURE')	true	The last status reported for the data source.
<b>auditStatusDate</b>	datetime	true	The time for the status report.
<b>auditStatusSince</b>	datetime	true	The time when this status report started.
<b>auditStatusCount</b>	int(11)	true	Count of audit entries for this status.
<b>auditLastStatusMessage</b>	text	true	Message description for the data source status.
<b>additionalDataSourceMessage</b>	varchar(255)	true	Additional status message for the data source.

### dwh\_inventory.annotation\_value

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID for the annotation.
<b>annotationType</b>	varchar(255)	true	System or user defined type such as Tier, Data center, etc.
<b>valueIdentifier</b>	varchar(710)	true	Value of the annotation.
<b>valueType</b>	enum('BOOLEAN', 'DATE', 'FIXED_ENUM', 'FLEXIBLE_ENUM', 'NUMBER', 'TEXT')	true	The data type for annotation value.
<b>valueDate</b>	datetime	true	Value of the annotation (Date format).

Column	Type	Nullable	Description
<b>enumSequence</b>	int(11)	true	Sequence number determining the order of enumeration values. This is used primarily for display purposes.
<b>enumCost</b>	double	true	Optional cost associated with the annotation. Applicable for Tier annotation.

### **dwh\_inventory.application**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID for the application.
<b>name</b>	varchar(255)	true	Name of the application.
<b>description</b>	varchar(255)	true	Description of the application.
<b>ignoreSharing</b>	tinyint(4)	true	Indicates whether SANscreen issues sharing violations for hosts of this application.
<b>priority</b>	varchar(255)	true	Priority of the application.
<b>url</b>	varchar(255)	true	Url to this application in Insight Server.

### **dwh\_inventory.auto\_tiering\_policy**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the auto tiering policy.
<b>storageId</b>	int(11)	true	GUID of the storage on which the auto tiering policy is defined. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>identifier</b>	varchar(768)	true	Identifier of the auto tiering policy.
<b>name</b>	varchar(255)	true	Name of the auto tiering policy.

## **dwh\_inventory.auto\_tiering\_policy\_constraint**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the auto tiering policy constraint.
<b>autoTieringPolicyId</b>	int(11)	true	GUID of the auto tiering policy. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.auto_tiering_policy</a></li></ul>
<b>storageId</b>	int(11)	true	GUID of the storage on which the auto tiering policy is defined. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>vendorTier</b>	varchar(255)	true	Vendor-specific tier name.
<b>limitPercent</b>	int(11)	true	Volume share limit on this tier.

## **dwh\_inventory.backend\_lun**

Frontend LUNs that are mapped to the backend volumes.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the backend LUN.
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>name</b>	varchar(255)	true	Name of the LUN.

## **dwh\_inventory.backend\_lun\_to\_volume**

AV - mapping between backend LUNs and the backend volumes.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the backend path.
<b>frontendStorageId</b>	int(11)	true	GUID of the frontend storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>backendLunId</b>	int(11)	true	GUID of the backend LUN in the frontend array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.backend_lun</a></li> </ul>
<b>backendStorageId</b>	int(11)	true	GUID of the backend storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>backendVolumeId</b>	int(11)	true	GUID of the backend Volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>

## **dwh\_inventory.backend\_path**

AV - path from LUN in frontend array to backend volume.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the backend path.
<b>backendLunId</b>	int(11)	true	GUID of the backend LUN. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.backend_lun</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>lun</b>	varchar(255)	true	Logical Unit Number.
<b>initiatorPortWwn</b>	varchar(255)	true	WWN of the frontend storage port.

Column	Type	Nullable	Description
<b>targetPortWwn</b>	varchar(255)	true	WWN of the backend storage port.

### **dwh\_inventory.business\_entity**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID for the annotation.
<b>fullname</b>	varchar(710)	true	Value of the annotation.
<b>tenant</b>	text	true	
<b>lob</b>	text	true	
<b>businessUnit</b>	text	true	
<b>project</b>	text	true	

### **dwh\_inventory.cloud\_resource**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the cloud resource.
<b>uuid</b>	varchar(255)	true	Globally unique ID. Correlates with IDs reported by cloud data sources (EC2, S3, etc.).
<b>accountId</b>	bigint(20)	true	The ID of the account that this billing item applies to.
<b>availabilityZone</b>	varchar(255)	true	The Availability Zone associated with this billing item charge.
<b>cloudProviderName</b>	varchar(255)	true	Generic name of the cloud service provider, e.g. AWS, Azure.
<b>sku</b>	varchar(255)	true	A unique code for a product. Use the SKU code to correlate product details and pricing.



Column	Type	Nullable	Description
<b>cpuCount</b>	double	true	Number of CPUs (or vCPUs) available on the resource.
<b>currencyCode</b>	varchar(255)	true	The currency that this billing item is given in, e.g. USD.
<b>locationCode</b>	varchar(255)	true	Code identifying the location associated with this resource. For AWS, this maps to the region code.
<b>locationName</b>	varchar(255)	true	Name identifying the location associated with this resource. For AWS, this maps to the region name.
<b>modelType</b>	varchar(255)	true	Resource model type. For AWS instances, this is the instance type, e.g. m4.large. For AWS volumes, this is the volume type, e.g. gp2.
<b>operatingSystem</b>	varchar(255)	true	Operating system (OS) running on the VM instance.
<b>pricingType</b>	varchar(255)	true	Pricing type for the resource, e.g, for an EC2 instance, the value might be Spot or Dedicated.
<b>resourceName</b>	varchar(255)	true	Name of the resource associated with this billing item. Depending on the service, may be instance name (EC2), volume name (EBS), bucket name (S3), etc.
<b>resourceType</b>	varchar(255)	true	Generic type of the resource associated with this billing item.
<b>serviceId</b>	varchar(255)	true	Id of the service associated with this billing item.
<b>serviceName</b>	varchar(255)	true	Name of the service associated with this billing item, e.g. Amazon S3.
<b>serviceType</b>	varchar(255)	true	Name of the generic ServiceFamily associated with this billing item.
<b>storageTypes</b>	varchar(255)	true	Comma-separated list of storage types associated with this item, e.g. Standard, Magnetic, Amazon Glacier.

Column	Type	Nullable	Description
<b>normalizationFactor</b>	double	true	The relative value of the resource based on instance size.

### **dwh\_inventory.cloud\_resource\_tag**

Column	Type	Nullable	Description
<b>cloudResourceId</b>	int(11)	true	GUID of the cloud resource. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.cloud_resource</a></li> </ul>
<b>tagName</b>	varchar(255)	true	Cloud resource tag name
<b>tagValue</b>	varchar(255)	true	Cloud resource tag value

### **dwh\_inventory.compute\_resource**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the Operating System
<b>hostId</b>	int(11)	true	The Host ID. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>vmId</b>	int(11)	true	The VM ID. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_virtual_machine</a></li> </ul>
<b>identifier</b>	varchar(768)	true	identifier of the compute resource
<b>name</b>	varchar(255)	true	name of the compute resource.
<b>type</b>	enum('HOST', 'VM')	true	resource type.
<b>domain</b>	varchar(255)	true	domain of compute resource.

Column	Type	Nullable	Description
<b>ip</b>	text	true	Comma separated list of IP addresses of the compute resource.
<b>os</b>	varchar(255)	true	Operating system running on the compute resource.
<b>cpuCount</b>	int(11)	true	cpu count of compute resource.
<b>memory</b>	int(11)	true	memory of compute resource.

## dwh\_inventory.disk

Disk for storage arrays

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the disk.
<b>storageId</b>	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>identifier</b>	varchar(768)	true	The identifier of the disk. Uniquely identifies the disk in the storage.
<b>name</b>	varchar(255)	true	The name of the disk.
<b>speed</b>	int(11)	true	Speed for disk.
<b>capacityGB</b>	bigint(20)	true	Disk capacity in GB.
<b>location</b>	varchar(255)	true	Location of disk, where is it installed.
<b>role</b>	varchar(255)	true	Role for disk in storage group (e.g. PARITY, DATA, SPARE).
<b>vendor</b>	varchar(255)	true	Disk vendor (e.g. NetApp, SEAGATE).
<b>model</b>	varchar(255)	true	Disk model.
<b>type</b>	varchar(255)	true	Type for the disk (e.g. SATA, FC).

Column	Type	Nullable	Description
<b>diskGroup</b>	varchar(255)	true	Identifier for disk group the disk belongs to (e.g. rg0, 7).
<b>status</b>	varchar(255)	true	Status for disk (e.g. NORMAL, FAILED).
<b>serialNumber</b>	varchar(255)	true	The disk serial number
<b>url</b>	varchar(255)	true	Url to this disk in Insight Server.

### dwh\_inventory.disk\_group

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the disk group
<b>storageId</b>	int(11)	true	GUID of the storage array References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>name</b>	varchar(255)	true	name of the disk group
<b>identifier</b>	varchar(768)	true	identifier of the disk group
<b>vendorDiskGroupType</b>	varchar(255)	true	vendor type of the disk group
<b>diskType</b>	varchar(255)	true	type of disks in the disk group
<b>status</b>	varchar(255)	true	status of the disk group
<b>redundancy</b>	varchar(255)	true	redundancy of the disk group
<b>isVirtual</b>	char(1)	true	indicates whether the disk group is virtual
<b>vendorTier</b>	varchar(255)	true	vendor tier of the disk group
<b>capacityMB</b>	bigint(20)	true	usable capacity of the disk group
<b>usedCapacityMB</b>	bigint(20)	true	used capacity of the disk group

Column	Type	Nullable	Description
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<b>physicalDiskCapacityMB</b>	bigint(20)	true	physical capacity of the disk group
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### **dwh\_inventory.disk\_group\_to\_disk**

Lists the disks in a disk group.

Column	Type	Nullable	Description
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<b>storageld</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
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<b>diskGroupld</b>	int(11)	true	GUID of the disk group. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.disk_group</a></li> </ul>
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<b>diskld</b>	int(11)	true	GUID of the disk. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.disk</a></li> </ul>
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### **dwh\_inventory.disk\_group\_to\_storage\_pool**

Lists the storage pools in a disk group.

Column	Type	Nullable	Description
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<b>storageld</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
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<b>diskGroupld</b>	int(11)	true	GUID of the disk group. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.disk_group</a></li> </ul>
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<b>storagePoolld</b>	int(11)	true	GUID of the storage pool.
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Column	Type	Nullable	Description
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References:

- **id** in [dwh\\_inventory.storage\\_pool](#)

## dwh\_inventory.dr\_internal\_volume\_replica

Column	Type	Nullable	Description
<b>sourceStorageId</b>	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>sourceInternalVolumeId</b>	int(11)	true	GUID of the internal volume that is the source of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
<b>targetStorageId</b>	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>targetInternalVolumeId</b>	int(11)	true	GUID of the internal volume that is the target of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
<b>mode</b>	varchar(255)	true	Synchronization mode for the replica. Possible values are Synchronous, Asynchronous, Semi Synchronous, Copy and Unknown.
<b>technology</b>	varchar(255)	true	The technology used for this replication. E.g., SnapMirror
<b>dwhCalculated</b>	char(1)	true	True if this is a cross-site replica calculated by DWH

## dwh\_inventory.dr\_qtree\_replica

Column	Type	Nullable	Description
sourceStorageId	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none"><li>• id in <a href="#">dwh_inventory.storage</a></li></ul>
sourceQtreeId	int(11)	true	GUID of the qtree that is the source of the replica. References: <ul style="list-style-type: none"><li>• id in <a href="#">dwh_inventory.qtree</a></li></ul>
targetStorageId	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none"><li>• id in <a href="#">dwh_inventory.storage</a></li></ul>
targetQtreeId	int(11)	true	GUID of the qtree that is the target of the replica. References: <ul style="list-style-type: none"><li>• id in <a href="#">dwh_inventory.qtree</a></li></ul>
mode	varchar(255)	true	Synchronization mode for the replica. Possible values are Synchronous, Asynchronous, Semi Synchronous, Copy and Unknown.
technology	varchar(255)	true	The technology used for this replication. E.g., SnapMirror
dwhCalculated	char(1)	true	True if this is a cross-site replica calculated by DWH

## dwh\_inventory.dr\_replica

[Deprecated] Use dr\_volume\_replica instead

Column	Type	Nullable	Description
sourceStorageId	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none"><li>• id in <a href="#">dwh_inventory.storage</a></li></ul>

Column	Type	Nullable	Description
<b>sourceVolumeld</b>	int(11)	true	GUID of the volume that is the source of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>targetStorageId</b>	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>targetVolumeld</b>	int(11)	true	GUID of the volume that is the target of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>fabrics</b>	int(11)	true	[deprecated] Number of fabrics utilized by the replica.
<b>spf</b>	tinyint(4)	true	[deprecated] Indicates whether the replica has a single point of failure.
<b>sourcePorts</b>	int(11)	true	[deprecated] Number of source ports used by the replica.
<b>targetPorts</b>	int(11)	true	[deprecated] Number of target ports used by the replica.
<b>hopsCount</b>	int(11)	true	[deprecated] Number of switch hops for this replica.
<b>synch</b>	enum('SYNCHRONOUS', 'ASYNCHRONOUS', 'SEMI_SYNCHRONOUS', 'COPY', 'UNKNOWN')	true	Enumerated text describing the replication mode configured

## **dwh\_inventory.dr\_volume\_replica**



Column	Type	Nullable	Description
<b>sourceStorageId</b>	int(11)	true	GUID of the storage that is the source of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>sourceVolumeId</b>	int(11)	true	GUID of the volume that is the source of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>targetStorageId</b>	int(11)	true	GUID of the storage that is the target of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>targetVolumeId</b>	int(11)	true	GUID of the volume that is the target of the replica. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>fabrics</b>	int(11)	true	[deprecated] Number of fabrics utilized by the replica.
<b>spf</b>	tinyint(4)	true	[deprecated] Indicates whether the replica has a single point of failure.
<b>sourcePorts</b>	int(11)	true	[deprecated] Number of source ports used by the replica.
<b>targetPorts</b>	int(11)	true	[deprecated] Number of target ports used by the replica.
<b>hopsCount</b>	int(11)	true	[deprecated] Number of switch

Column	Type	Nullable	Description
			hops for this replica.
<b>mode</b>	enum('SYNCHRONOUS', 'ASYNCHRONOUS', 'SEMI_SYNCHRONOUS', 'COPY', 'UNKNOWN')	true	Enumerated text describing the replication mode configured
<b>modeRaw</b>	varchar(255)	true	Text describing the replication mode configured
<b>technology</b>	varchar(255)	true	Text describing the used replication technology
<b>state</b>	enum('SYNCRONIZED', 'SPLIT', 'IN_PROGRESS_SYNCHRONIZING', 'IN_PROGRESS_RESTOREING', 'FAILED_OVER', 'INITIAL', 'FAILED', 'UNKNOWN')	true	Text describing the dynamic state of replication
<b>stateRaw</b>	varchar(255)	true	Enumerated text describing the dynamic state of replication
<b>stateStartTime</b>	datetime	true	The known Start time of the reported state
<b>stateSampleTime</b>	datetime	true	The last update time for the State
<b>stateStartTimeCalculated</b>	char(1)	true	True, If the Starttime is calculated by Sansscreen Server
<b>dwhCalculated</b>	char(1)	true	True if this is a cross-site replica calculated by DWH

### **dwh\_inventory.extended\_data**

Column	Type	Nullable	Description
<b>objectId</b>	int(11)	true	GUID of the object.

Column	Type	Nullable	Description
<b>objectType</b>	varchar(64)	true	Type of the object.
<b>fieldName</b>	varchar(64)	true	Name of extended data field.
<b>fieldValue</b>	varchar(4096)	true	Value of the extended data field for this object.

### **dwh\_inventory.fabric**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the fabric.
<b>identifier</b>	varchar(768)	true	Identifier of the fabric.
<b>wwn</b>	varchar(255)	true	WWN of the fabric.
<b>name</b>	varchar(255)	true	Name of the fabric.
<b>vsanEnabled</b>	char(1)	true	Indicates whether this fabric is a VSAN.
<b>vsanId</b>	varchar(255)	true	Identifier for the VSAN in case this fabric is a VSAN.
<b>zoningEnabled</b>	char(1)	true	If true, zoning is enforce based on the data in the zone and zone members table. Otherwise, zoning is not enforced in the Fabric.
<b>url</b>	varchar(255)	true	Url to this fabric in Insight Server.

### **dwh\_inventory.fc\_name\_server\_entry**

Column	Type	Nullabl e	Description
<b>id</b>	int(11)	true	GUID of the fc name server entry.
<b>portId</b>	int(11)	true	GUID of the node port.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>• <a href="#">id</a> in <a href="#">dwh_inventory.storage_port</a></li> <li>• <a href="#">id</a> in <a href="#">dwh_inventory.tape_port</a></li> <li>• <a href="#">id</a> in <a href="#">dwh_inventory.generic_device_port</a></li> <li>• <a href="#">id</a> in <a href="#">dwh_inventory.host_port</a></li> </ul>
<b>type</b>	enum('HOST_PORT', 'STORAGE_PORT', 'GENERIC_DEVICE_PORT', 'TAPE_PORT')	true	Type of the node port. (e.g., HOST_PORT, STORAGE_PORT, TAPE_PORT, GENERIC_DEVICE_PORT)
<b>wwn</b>	varchar(255)	true	WWN of the node port.
<b>connectedSwitchPortId</b>	int(11)	true	GUID of the connected switch port. References: <ul style="list-style-type: none"> <li>• <a href="#">id</a> in <a href="#">dwh_inventory.switch_port</a></li> </ul>
<b>connectedSwitchPortWwn</b>	varchar(255)	true	WWN of the connected switch port.
<b>physicalPortWwn</b>	varchar(255)	true	WWN of the physical port (e.g., NP-Port of NPV). It is same as node port if node port is directly connected to switch port.
<b>fclid</b>	varchar(255)	true	ID assigned after the handshake/login.

### dwh\_inventory.file\_system

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the file system.
<b>computeResourceId</b>	int(11)	true	GUID of the compute resource. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.compute_resource</a></li> </ul>
hostId	int(11)	true	GUID of the host. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.host</a></li> </ul>
name	varchar(255)	true	Mounting point or drive latter. Part of the natual key.
location	varchar(255)	true	Indicates where the data is kept and how it is accessed. For example: local, SAN, NAS. Will be set to null if the location is unknown.
hardwareId	varchar(255)	true	Host specific identifier. Will be set to null if unknown.
type	varchar(255)	true	File system type. For example: NTFS, FAT, UFS, UDF, ZFS, ISO 9660, VXFS etc. Will be set to null if unknown.
lastAgentReportTime	datetime	true	Last time when file system information was collected by agent
sizeMB	bigint(20)	true	Size of the file system in MB.
usedMB	bigint(20)	true	Amount of file-system capacity that is used and isn?t available.

### dwh\_inventory.file\_system\_to\_virtual\_disk

Column	Type	Nullable	Description
id	int(11)	true	GUID of the file system to volume relation.
virtualDiskId	int(11)	true	GUID of the virtual disk. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.hv_virtual_disk</a></li> </ul>
fileSystemId	int(11)	true	GUID of the file system.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.file_system</a></li> </ul>
<b>computeResourceid</b>	int(11)	true	GUID of the compute resource. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.compute_resource</a></li> </ul>
<b>dataStoreid</b>	int(11)	true	GUID of the data store. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>

### **dwh\_inventory.file\_system\_to\_volume**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the file system to volume relation.
<b>computeResourceid</b>	int(11)	true	GUID of the compute resource. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.compute_resource</a></li> </ul>
<b>filesystemid</b>	int(11)	true	GUID of the file system. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.file_system</a></li> </ul>
<b>storageid</b>	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>volumeid</b>	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>

### **dwh\_inventory.generic\_device**

Unidentified node, may be a HBA, storage or tape controller.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the generic device.
<b>wwn</b>	varchar(255)	true	WWN of the generic device
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the generic device.
<b>model</b>	varchar(255)	true	Model of the generic device.
<b>firmware</b>	varchar(255)	true	Firmware version of the generic device.
<b>driver</b>	varchar(255)	true	Driver of the generic device.
<b>serialNumber</b>	varchar(255)	true	Serial number of the generic device.

### **dwh\_inventory.generic\_device\_port**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the port.
<b>genericDeviceId</b>	int(11)	true	GUID of the generic device. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.generic_device</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the port.
<b>number</b>	bigint(20)	true	Number of the port in the containing blade
<b>portId</b>	varchar(255)	true	Id of the port.
<b>name</b>	varchar(255)	true	Name of the port.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.
<b>active</b>	char(1)	true	True if the port is not dead

Column	Type	Nullable	Description
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## dwh\_inventory.host

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the host.
<b>name</b>	varchar(255)	true	Name of the host.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the host.
<b>os</b>	varchar(255)	true	Operating system running on the host.
<b>model</b>	varchar(255)	true	Model number.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the host.
<b>installedMemoryMB</b>	varchar(255)	true	Total amount of memory available on the host, in MB.
<b>hostFsFreeGB</b>	varchar(255)	true	Amount of free storage in the host file systems, in GB.
<b>hostFsTotalGB</b>	varchar(255)	true	Total amount of storage in the file systems for a host, in GB.
<b>hostFsUsedGB</b>	varchar(255)	true	Amount of storage in the file systems that is used for a host, in GB.
<b>cpuCount</b>	varchar(255)	true	Number of CPUs running on the host.
<b>cpuSpeed</b>	varchar(255)	true	Speed of CPU, in MHz.
<b>nicCount</b>	varchar(255)	true	Number of NICs.
<b>nicSpeed</b>	varchar(255)	true	Speed of NIC, Mbs.



Column	Type	Nullable	Description
<b>url</b>	varchar(255)	true	Url to this host in Insight Server.
<b>active</b>	char(1)	true	Indicates whether the host is currently active.
<b>dataCenter</b>	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Host.

### **dwh\_inventory.host\_adapter**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the host adapter.
<b>hostId</b>	int(11)	true	GUID of the host where this adapter resides. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the host adapter.
<b>model</b>	varchar(255)	true	Model of the host adapter.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the host adapter.
<b>driver</b>	varchar(255)	true	Name of the driver managing access to the host adapter.
<b>firmware</b>	varchar(255)	true	Version of the firmware running on the host adapter.

### **dwh\_inventory.host\_port**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the host port.
<b>adapterId</b>	int(11)	true	GUID of the node (adapter) where this host port resides. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.host_adapter</a></li> </ul>

Column	Type	Nullable	Description
<b>hostId</b>	int(11)	true	GUID of the host where this host port resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the host port.
<b>nodeWwn</b>	varchar(255)	true	WWN of the node (adapter) where this port resides.
<b>portId</b>	varchar(255)	true	Id of the port.
<b>name</b>	varchar(255)	true	Name of the host port.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.
<b>active</b>	char(1)	true	True if the port is not dead

### **dwh\_inventory.host\_to\_application**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a host and an application.
<b>hostId</b>	int(11)	true	GUID of the host. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### **dwh\_inventory.hv\_data\_store**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the datastore.
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the datastore.
<b>moid</b>	varchar(255)	true	Managed Object ID, assigned to the data store in Virtual Center.
<b>name</b>	varchar(512)	true	Name of the datastore.
<b>capacityMB</b>	bigint(20)	true	Configured size of the datastore, in MB.
<b>provisionedCapacityMB</b>	bigint(20)	true	Amount of storage set-aside for use by the datastore, in MB.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center.
<b>freeCapacityMB</b>	bigint(20)	true	[OBSOLETE] Available capacity in the datastore, in MB.
<b>usedCapacityMB</b>	bigint(20)	true	Amount of space actually used by the datastore, in MB.
<b>url</b>	varchar(255)	true	Url to this data store in Insight Server.

## **dwh\_inventory.hv\_data\_store\_to\_internal\_volume**

Map VM data-stores to containing NAS internal-volume (1:1).

Column	Type	Nullable	Description
<b>dataStoreId</b>	int(11)	true	GUID fo the datastore. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>internalVolumeId</b>	int(11)	true	GUID of the internal-volume.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
<b>qtreeld</b>	int(11)	true	GUID of the qtree. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.qtree</a></li> </ul>

### **dwh\_inventory.hv\_data\_store\_to\_volume**

Map VM data-stores to the containing SAN volumes (1:n).

Column	Type	Nullable	Description
<b>dataStoreId</b>	int(11)	true	GUID fo the datastore. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>qtreeld</b>	int(11)	true	GUID of the qtree. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.qtree</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>repVolume</b>	char(1)	true	True if this volume is the representative of all the volumes in the datastore.

### **dwh\_inventory.hv\_datastore\_to\_nas\_share**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a datastore and a hv nas share.
<b>dataStoreId</b>	int(11)	true	GUID of the datastore. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>nasShareId</b>	int(11)	true	GUID of the hv nas share. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_nas_share</a></li> </ul>

### dwh\_inventory.hv\_host\_to\_nas\_share

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a host to a nas share.
<b>hostId</b>	int(11)	true	GUID of the host. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>nasShareId</b>	int(11)	true	GUID of the nas share (hv_nas_share). References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_nas_share</a></li> </ul>
<b>readOnly</b>	tinyint(4)	true	Indicates whether the host has read-only access to the nas share.

### dwh\_inventory.hv\_lun

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the lun.
<b>hostId</b>	int(11)	true	GUID of the host. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>

Column	Type	Nullable	Description
<b>dataStoreId</b>	int(11)	true	GUID of the datastore using this LUN. Is set to NULL for RDM VMDKs. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the lun.
<b>number</b>	varchar(255)	true	Logical Unit Number (lun).
<b>tid</b>	bigint(20)	true	Target SCSI id.
<b>policy</b>	varchar(255)	true	SAN active path selection policy (MRU, FIXED or RR).
<b>diskName</b>	varchar(255)	true	Disk name for the lun.
<b>volumeUuid</b>	varchar(255)	true	UUID of the volume.

## **dwh\_inventory.hv\_lun\_to\_volume**

Map HV lun to a SAN volume

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a hv lun to a volume.
<b>hostId</b>	int(11)	true	GUID of the host on which the hv lun resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>hvLunId</b>	int(11)	true	GUID of the lun. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_lun</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage array on which the volume resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the volume.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>type</b>	enum('FC', 'ISCSI', 'GENERIC')	true	Type of the volume access technology.

### dwh\_inventory.hv\_nas\_share

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the NAS share.
<b>dataStoreId</b>	int(11)	true	[Deprecated] GUID of the datastore. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the NAS share.
<b>filerName</b>	varchar(255)	true	Name of filer for the nas share.
<b>filerIp</b>	varchar(255)	true	IP address of the filer for the nas share.
<b>sharePath</b>	varchar(512)	true	Path in the logical disk to which this share refers.
<b>capacityMB</b>	int(11)	true	Capacity on the share that is visible to hosts, in MB.
<b>type</b>	varchar(10)	true	The protocol used for the nas share (e.g., NFS or CIFS).

### dwh\_inventory.hv\_nas\_share\_to\_share

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a NAS share to a share.
<b>nasShareId</b>	int(11)	true	GUID of NAS share. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.hv_nas_share</a></li> </ul>
storageId	int(11)	true	GUID of the storage array (filer) on which the share resides. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.storage</a></li> </ul>
shareId	int(11)	true	GUID of share. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.nas_share</a></li> </ul>

### dwh\_inventory.hv\_path

Column	Type	Nullable	Description
id	int(11)	true	GUID of a path from a host to a lun.
lunId	int(11)	true	GUID of the lun. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.hv_lun</a></li> </ul>
hostId	int(11)	true	GUID of the host. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.host</a></li> </ul>
hostPortWwpn	varchar(255)	true	WWN of the host port used by the path.
storagePortWwpn	varchar(255)	true	WWN of the storage port used by the path.
type	enum('FC', 'ISCSI', 'UNKNOWN')	true	Path type (FC, ISCSI or UNKNOWN).
active	tinyint(4)	true	Indicates whether this path is active.

### dwh\_inventory.hv\_server



Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the ESX server.
<b>hostId</b>	int(11)	true	GUID of the host. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the ESX server.
<b>moid</b>	varchar(255)	true	Managed Object ID, assigned to the server in Virtual Center.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center.
<b>clusterName</b>	varchar(255)	true	Name of a cluster of hosts sharing access to the same SAN volumes or NAS share, or blank for a standalone host.
<b>dataCenterName</b>	varchar(255)	true	Name of data center.

### **dwh\_inventory.hv\_virtual\_disk**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the virtual disk.
<b>dataStoreId</b>	int(11)	true	GUID of the datastore for the virtual disk. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>lunId</b>	int(11)	true	RDM VMDK only, GUID of the lun associated with the virtual disk. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_lun</a></li> </ul>
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the virtual disk.
<b>name</b>	varchar(255)	true	Name of the virtual disk.

Column	Type	Nullable	Description
<b>type</b>	varchar(255)	true	Type of the virtual disk.
<b>capacityMB</b>	bigint(20)	true	Capacity of the virtual disk, in MB.
<b>usedCapacityMB</b>	bigint(20)	true	Capacity consumed from the data-store, as reported by device, in MB.
<b>usedCapacityForReportingMB</b>	bigint(20)	true	Capacity consumed from the data-store, may be smaller than capacityMB for thin-provisioned VMDKs, in MB.
<b>url</b>	varchar(255)	true	Url to this virtual disk in Insight Server.

### **dwh\_inventory.hv\_virtual\_disk\_to\_volume**

Map VM RDM virtual-disks (VMDK) to a SAN volume (1:1).

Column	Type	Nullable	Description
<b>virtualDiskId</b>	int(11)	true	GUID of the virtual disk. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.hv_virtual_disk</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>qtreeId</b>	int(11)	true	GUID of the qtree. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.qtree</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>

### **dwh\_inventory.hv\_virtual\_machine**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the virtual machine.
<b>hostId</b>	int(11)	true	GUID of host owning the virtual machine. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>moid</b>	varchar(255)	true	Managed Object ID, assigned to the virtual machine in Virtual Center.
<b>name</b>	varchar(255)	true	Name of the virtual machine.
<b>dnsName</b>	varchar(255)	true	Fully qualified domain name of the virtual machine.
<b>ips</b>	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
<b>powerState</b>	enum('poweredOff', 'poweredOn', 'suspended')	true	Power state of the virtual machine combined with the state of the guest OS
<b>powerStateChangeTime</b>	datetime	true	Time when the power state has changed to the current value.
<b>guestState</b>	enum('notRunning', 'resetting', 'running', 'shuttingDown', 'standby', 'unknown', 'stopping')	true	The combined state of the virtual hardware of the virtual machine and of the guest OS.
<b>os</b>	varchar(255)	true	Guest operating system.
<b>processors</b>	int(11)	true	Number of processors of the virtual machine.
<b>memory</b>	bigint(20)	true	Memory of the virtual machine, in MB.
<b>dataStoreId</b>	int(11)	true	GUID of the datastore used by the virtual machine for storing its metadata (logs,

Column	Type	Nullable	Description
			snapshots, memory files etc.). References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> </ul>
<b>naturalKey</b>	varchar(255)	true	Natural identifier of the virtual machine.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center.
<b>provisionedCapacityMB</b>	bigint(20)	true	Amount of storage provisioned to the virtual machine, in MB.
<b>usedCapacityMB</b>	bigint(20)	true	Amount of space actually used by the virtual machine, in MB.
<b>url</b>	varchar(255)	true	Url to this virtual machine in Insight Server.

### **dwh\_inventory.hv\_virtual\_machine\_to\_disk**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a virtual machine and a virtual disk.
<b>virtualMachineId</b>	int(11)	true	GUID of the virtual machine id. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_virtual_machine</a></li> </ul>
<b>virtualDiskId</b>	int(11)	true	GUID of the virtual disk. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_virtual_disk</a></li> </ul>

### **dwh\_inventory.internal\_volume**

Internal-volume (e.g. Trad/Flex Volume in NetApp)

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the internal-volume.
<b>storagePoolId</b>	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage_pool</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>identifier</b>	varchar(768)	true	Unique identifier of the internal volume in the storage.
<b>name</b>	varchar(255)	true	The name of the internal-volume. uniquely identifies the internal-volume in the storage.
<b>type</b>	varchar(255)	true	Type of the internal-volume (e.g. flexVol, traditional etc.).
<b>thinProvisioningSupported</b>	char(1)	true	Whether this internal-volume supports thin provisioning for the volume layer on top of it.
<b>thinProvisioned</b>	char(1)	true	Whether this internal-volume is thin provisioned. default false.
<b>spaceGuarantee</b>	enum('FILE', 'PARTIAL', 'VOLUME', 'NONE')	true	Space Guarantee policy
<b>dedupeEnabled</b>	char(1)	true	Is dedupe enabled on the internal volume. default false.
<b>cloneSourceId</b>	int(11)	true	If this internal-volume is a clone of another internal-volume - the id of cloned internal-volume. Null otherwise. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
snapshotCount	int(11)	true	Number of snapshots on the internal-volumes.
lastSnapshotTime	datetime	true	Time of the last snapshot
lastKnownAccessTime	datetime	true	Time of the last access to the internal-volume.
status	varchar(255)	true	Status of the internal-volume (e.g offline online ...)
virtualStorage	varchar(255)	true	Specifies VirtualStorage(e.g.vFiler)
protectionType	varchar(255)	true	Specifies the protection type for the internal volume (e.g. SnapMirror, SnapVault ...).
flashPoolEligibility	enum('READ', 'READ-WRITE', 'NONE')	true	Indicates whether the internal volume can use flash pool.
dedupeRatio	float	true	Ratio of dedupe compression. Value between 0 and 1.
totalAllocatedCapacityMB	bigint(20)	true	Capacity allocated for an internal-volume as reported by the storage-array in MB. Includes capacity allocated for snapshots.  Equals to: snapshotAllocatedCapacityMB + dataAllocatedCapacityMB + otherAllocatedCapacityMB
totalUsedCapacityMB	bigint(20)	true	Capacity consumed by internal-volume from storage pool.
totalUsedCapacityFromDevice	bigint(20)	true	Capacity used in an internal-volume as

Column	Type	Nullable	Description
<b>MB</b>			reported by the storage-array in MB. Includes capacity used for snapshots.  Equals to: snapshotUsedCapacityMB + dataUsedCapacityMB
<b>dataAllocatedCapacityMB</b>	bigint(20)	true	Capacity allocated for an internal-volume as reported by the storage-array in MB. Does not include capacity allocated for snapshots.
<b>dataUsedCapacityMB</b>	bigint(20)	true	Capacity used in an internal-volume as reported by the storage-array in MB. Does not include capacity used for snapshots.
<b>snapshotAllocatedCapacityMB</b>	bigint(20)	true	Capacity allocated for internal-volume snapshots in MB.
<b>snapshotUsedCapacityMB</b>	bigint(20)	true	Capacity used for internal-volume snapshots in MB.
<b>rawToUsableRatio</b>	float	true	The ratio between disk raw capacity and usable capacity for the internal-volume. Affected by the RAID level and other overheads.
<b>otherUsedCapacityMB</b>	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Used Capacity for the internal-volume. totalUsedCapacityMB = dataUsedCapacityMB + snapShotUsedCapacityMB + otherUsedCapacityMB.
<b>otherAllocatedCapacityMB</b>	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Allocated Capacity for the internal-volume. totalAllocatedCapacityMB = dataAllocatedCapacityMB + snapShotAllocatedCapacityMB + otherAllocatedCapacityMB.

Column	Type	Nullable	Description
<b>totalCloneSavedCapacityMB</b>	bigint(20)	true	Capacity which the clone internal-volume shares with its source internal-volume
<b>compressionEnabled</b>	char(1)	true	Is compression enabled on the internal volume.
<b>compressionRatio</b>	float	true	Ratio of compression savings. Value between 0 and 1.
<b>uuid</b>	varchar(255)	true	UUID of the internal volume.
<b>url</b>	varchar(255)	true	Url to this internal-volume in Insight Server.

### **dwh\_inventory.internal\_volume\_to\_application**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between an internal volume and an application.
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>internalVolumeId</b>	int(11)	true	GUID of the internal volume. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### **dwh\_inventory.iscsi\_logical**

Represents a scsci logical path between a host and a volume.



Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the iscsi logical path.
<b>hostId</b>	int(11)	true	GUID of the initiator host of the iscsi logical path. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the target storage of the iscsi logical path. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the target volume of the iscsi logical path. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>numberOfSessions</b>	int(11)	true	The number of sessions established in iscsi logical path.
<b>numberOfConnections</b>	int(11)	true	The number of connections established in iscsi logical path.

### **dwh\_inventory.k8s\_cluster**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	Id of the K8S cluster
<b>name</b>	varchar(255)	true	

### **dwh\_inventory.k8s\_namespace**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	Id of the K8S namespace
<b>identifier</b>	varchar(255)	true	Identifier of the K8S namespace
<b>clusterId</b>	int(11)	true	Id of the K8S cluster

Column	Type	Nullable	Description
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References:

- **id** in [dwh\\_inventory.k8s\\_cluster](#)

**name**          varchar(255)   true

### **dwh\_inventory.k8s\_node**

Column	Type	Nullable	Description
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**id**                  int(11)          true          Id of the K8S node

**identifier**        varchar(255)   true          Identifier of the K8S node

**clusterId**        int(11)          true          Id of the K8S cluster

**name**              varchar(255)   true

### **dwh\_inventory.k8s\_node\_to\_vm**

Column	Type	Nullable	Description
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**nodeId**          int(11)          true

References:

- **id** in [dwh\\_inventory.k8s\\_node](#)

**vmId**              int(11)          true

References:

- **id** in [dwh\\_inventory.hv\\_virtual\\_machine](#)

### **dwh\_inventory.logical**

Represents a logical path between a host and a volume.

Column	Type	Nullable	Description
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**id**                          int(11)          true          GUID of the logical path.

Column	Type	Nullable	Description
<b>hostId</b>	int(11)	true	GUID of the initiator host of the logical path - is set to null for paths from generic-devices. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>genericDeviceId</b>	int(11)	true	GUID of the generic-device which is the initiator of the logical path - is set to null for paths from hosts. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.generic_device</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the target storage of the logical path - is set to null for paths to tapes. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>tapeId</b>	int(11)	true	GUID of the target tape of the logical path - is set to null for paths to storage-arrays. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the target volume of the logical path - is set to null for paths to tapes. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>minHopNumber</b>	int(11)	true	Minimal switch hops for the logical path.
<b>hopsToDisplay</b>	varchar(255)	true	Comma separated list of switch hop counts corresponding to the different underlying paths for this logical path.
<b>numberOfFabrics</b>	int(11)	true	Number of fabrics utilized by the logical path.
<b>numberOfHostPorts</b>	int(11)	true	Number of host ports used by the logical path.
<b>numberOfStoragePorts</b>	int(11)	true	Number of storage ports used by the logical path.
<b>spf</b>	tinyint(4)	true	Indicates whether the logical path has a single

Column	Type	Nullable	Description
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point of failure.

### dwh\_inventory.nas\_cr\_logical

Column	Type	Nullable	Description
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<b>id</b>	int(11)	true	GUID of the NAS logical path.
<b>computeResourceId</b>	int(11)	true	GUID of the host accessing the file-share. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.compute_resource</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage array (filer) being accessed. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>internalVolumeId</b>	int(11)	true	GUID of the internal volume being accessed. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
<b>shareId</b>	int(11)	true	GUID of the share being accessed. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.nas_share</a></li> </ul>

### dwh\_inventory.nas\_file\_share

A shared folder in NAS storage arrays (filers)

Column	Type	Nullable	Description
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<b>id</b>	int(11)	true	GUID for the file share.
<b>internalVolumeId</b>	int(11)	true	GUID of the internal-volume on which this file share is defined. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage array (filer) in which this share is defined. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>qtreeId</b>	int(11)	true	GUID of the qtree on which this file share is defined. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.qtree</a></li> </ul>
<b>name</b>	varchar(255)	true	Name of the file share.
<b>path</b>	varchar(255)	true	The full path in the internal-volume to the folder being shared, ends with the share name.
<b>status</b>	varchar(255)	true	Status of the file share (snapvaulted, snapmirrored, normal, or readonly).
<b>securityType</b>	varchar(255)	true	Security type of the file share (unix, ntfs, or mixed).

### **dwh\_inventory.nas\_logical**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the NAS logical path.
<b>hostId</b>	int(11)	true	The Host ID. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage array (filer) being accessed. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>shareId</b>	int(11)	true	GUID of the share being accessed. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.nas_share</a></li> </ul>

## dwh\_inventory.nas\_share

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the share.
<b>fileShareId</b>	int(11)	true	GUID of the file share with which this share is associated. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.nas_file_share</a></li></ul>
<b>storageId</b>	int(11)	true	GUID of the storage array (filer) in which this share is defined. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>identifier</b>	varchar(768)	true	Identifier of the share in the storage.
<b>name</b>	varchar(255)	true	Name of the share.
<b>protocol</b>	enum('CIFS', 'NFS')	true	Protocol used to access the share, one of: CIFS or NFS.
<b>ipInterfaces</b>	text	true	All IP addresses of the storage on which the share is located.

## dwh\_inventory.nas\_share\_initiator

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the share_initiator.
<b>shareId</b>	int(11)	true	GUID of the share with which this share_initiator is associated. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.nas_share</a></li></ul>
<b>storageId</b>	int(11)	true	GUID of the storage array (filer) in which this share is defined. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>initiator</b>	varchar(255)	true	IP address or name subnet of the host/s allowed to access the

Column	Type	Nullable	Description
			share.
<b>permission</b>	varchar(255)	true	Read / write / execute, and name.

### **dwh\_inventory.object\_to\_annotation**

Column	Type	Nullable	Description
<b>annotationValueId</b>	int(11)	true	GUID of the annotation value. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.annotation_value</a></li> </ul>
<b>objectId</b>	int(11)	true	GUID of the annotated object. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.generic_device</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.switch</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_virtual_machine</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_data_store</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.hv_virtual_disk</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_port</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.host_port</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.acq_data_source</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.disk_group</a></li> </ul>

Column	Type	Nullabl e	Description
			<ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_node</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.qtree</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.quota</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_pool</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.switch_port</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.disk</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.nas_share</a></li> </ul>
<b>objectType</b>	enum('Application', 'DataSource', 'Disk', 'DiskGroup', 'HV_DataStore', 'HV_VirtualDisk', 'HV_VirtualMachine', 'Host', 'InternalVolume', 'Port', 'Qtree', 'Quota', 'Share', 'Storage', 'StorageNode', 'StoragePool', 'Switch', 'Tape', 'Unknown', 'Volume')	true	Type of the annotated object.
<b>annotationType</b>	varchar(255)	true	Type of the annotation.

## **dwh\_inventory.physical\_path**

A path between host port through a storage port to a volume.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the physical path.
<b>hostId</b>	int(11)	true	GUID of the host which initiates the physical path. It is null for a path from a generic-device.



Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>genericDeviceId</b>	int(11)	true	GUID of the generic-device which initiates the physical path. It is null for a path from a host. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.generic_device</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the target storage of the physical path. It is null for a path to a tape. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>tapeId</b>	int(11)	true	GUID of the target tape of the physical path. It is null for a path to a storage. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the target volume of the physical path. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>hostPortWwn</b>	varchar(255)	true	WWN of the host port.
<b>storagePortWwn</b>	varchar(255)	true	WWN of the storage port.
<b>lun</b>	varchar(255)	true	Logical Unit Number (LUN) used by the host to access the volume.

### **dwh\_inventory.port\_connectivity**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the port connectivity.
<b>portId</b>	int(11)	true	GUID of the first port.

Column	Type	Nullabl e	Description
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References:

- **id** in [dwh\\_inventory.storage\\_port](#)
- **id** in [dwh\\_inventory.tape\\_port](#)
- **id** in [dwh\\_inventory.generic\\_device\\_port](#)
- **id** in [dwh\\_inventory.host\\_port](#)
- **id** in [dwh\\_inventory.switch\\_port](#)

**type** enum('HOST\_PORT', 'STORAGE\_PORT', 'TAPE\_PORT', 'SWITCH\_PORT', 'GENERIC\_DEVICE\_PORT')

true Type of the first port.

**wwn** varchar(255)

true WWN of the first port.

**connectedId** int(11)

true GUID of the second port.  
References:

- **id** in [dwh\\_inventory.storage\\_port](#)
- **id** in [dwh\\_inventory.tape\\_port](#)
- **id** in [dwh\\_inventory.generic\\_device\\_port](#)
- **id** in [dwh\\_inventory.host\\_port](#)
- **id** in [dwh\\_inventory.switch\\_port](#)

**connectedType** enum('HOST\_PORT', 'STORAGE\_PORT', 'TAPE\_PORT', 'SWITCH\_PORT', 'GENERIC\_DEVICE\_PORT')

true Type of the second port.

**connectedWwn** varchar(255)

true WWN of the second port.

## dwh\_inventory.qtree

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the qtree.
<b>internalVolumeld</b>	int(11)	true	GUID of the internal-volume on which the qtree resides. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li></ul>
<b>storageld</b>	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>identifier</b>	varchar(768)	true	Unique identifier of the qtree in the storage.
<b>name</b>	varchar(255)	true	The name of the qtree.
<b>quotaHardCapacityLimitMB</b>	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, data cannot be written.
<b>quotaSoftCapacityLimitMB</b>	bigint(20)	true	The disk space limit imposed on this qtree by a quota. When exceeded, a warning is issued but data can still be written.
<b>quotaUsedCapacityMB</b>	bigint(20)	true	Capacity used towards the hard and soft capacity limit set on the quota.
<b>type</b>	enum('DEFAULT', 'EXPLICIT')	true	Type of the qtree.
<b>securityStyle</b>	enum('UNIX', 'NTFS', 'MIXED')	true	Security Style of the qtree.
<b>status</b>	varchar(255)	true	Status of the qtree.

Column	Type	Nullable	Description
oplocks	char(1)	true	Whether oplocks are enabled on the qtree.
url	varchar(255)	true	Url to this qtree in Insight Server.

### dwh\_inventory.qtree\_to\_application

Column	Type	Nullable	Description
id	int(11)	true	GUID of the relationship between a qtree and an application.
applicationId	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.application</a></li> </ul>
qtreeId	int(11)	true	GUID of the qtree. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.qtree</a></li> </ul>
inherited	char(1)	true	This application is inherited.

### dwh\_inventory.quota

Column	Type	Nullable	Description
id	int(11)	true	GUID of the quota.
internalVolumeId	int(11)	true	GUID of the internal-volume on which this quota is defined. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
storageId	int(11)	true	GUID of the storage array (filer) in which this quota is defined. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.storage</a></li> </ul>

Column	Type	Nullable	Description
<b>qtreeId</b>	int(11)	true	GUID of the qtree on which this quota is defined. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.qtree</a></li> </ul>
<b>identifier</b>	varchar(768)	true	Unique identifier of the quota.
<b>targetUser</b>	varchar(255)	true	Specifies a group or user to which this quota applies.
<b>type</b>	enum('TREE', 'GROUP', 'USER')	true	Specifies the target type (tree, group or user) to which this quota applies.
<b>hardFileLimit</b>	bigint(20)	true	Hard limit on the number of files that this quota imposes on the tree, group or user.
<b>softFileLimit</b>	bigint(20)	true	Soft quota file limit that, if exceeded, issues warnings, rather than rejecting file creation requests.
<b>hardCapacityLimitMB</b>	bigint(20)	true	Hard disk space limit, in MB, that this quota imposes on the tree, group, user or type.
<b>softCapacityLimitMB</b>	bigint(20)	true	Soft quota space limit, in MB, that if exceeded, issues warnings rather than rejecting space requests.
<b>thresholdMB</b>	bigint(20)	true	Disk space usage point, in MB, at which warnings of approaching quota limits are issued.
<b>usedFiles</b>	bigint(20)	true	Number of files currently used by the target of this quota.
<b>usedCapacityMB</b>	bigint(20)	true	Disk space, in MB, currently used by the target of this quota.

## **dwh\_inventory.service\_level**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID for the annotation.
<b>name</b>	varchar(710)	true	Value of the annotation.
<b>sequence</b>	int(11)	true	Sequence number determining the order of enumeration values. This is used primarily for display purposes.
<b>cost</b>	double	true	Optional cost associated with the annotation. Applicable for Tier annotation.

### **dwh\_inventory.share\_to\_application**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a share and an application.
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>shareId</b>	int(11)	true	GUID of the share. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.nas_share</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### **dwh\_inventory.storage**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the storage array.
<b>name</b>	varchar(255)	true	Name of the storage array.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the storage array.

Column	Type	Nullable	Description
<b>model</b>	varchar(255)	true	Model of the storage array.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the storage array.
<b>serialNumber</b>	varchar(255)	true	Serial number for the storage array.
<b>microcodeVersion</b>	varchar(255)	true	Version of the firmware running on the storage array.
<b>rawCapacityMB</b>	bigint(20)	true	Actual raw disk capacity for the storage array in MB.
<b>spareRawCapacityMB</b>	bigint(20)	true	Sum of all spare disk raw capacity in the storage array in MB.
<b>failedRawCapacityMB</b>	bigint(20)	true	Sum of all failed raw capacity in the storage array in MB.
<b>memoryMB</b>	bigint(20)	true	Size of memory installed in the array (filer), in MB.
<b>cpuCount</b>	int(11)	true	Number of cpus installed in the array (filer).
<b>manageURL</b>	varchar(255)	true	URL to the management software of the device.
<b>family</b>	varchar(255)	true	Storage family name, could be Clariion, Symmetrix etc.
<b>isVirtual</b>	char(1)	true	Determines if the array is a virtualizer.
<b>cluster</b>	char(1)	true	Determines if the array is a NetApp C-Mode cluster.
<b>url</b>	varchar(255)	true	Url to this storage in Insight Server.
<b>lastAcquiredTime</b>	datetime	true	Specifies the last acquired time.
<b>active</b>	char(1)	true	Indicates whether the storage array is currently active.
<b>dataCenter</b>	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Storage.

## dwh\_inventory.storage\_controller

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the storage controller.
<b>storaged</b>	int(11)	true	GUID of the storage where this controller resides. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>wwn</b>	varchar(255)	true	WWN of the storage controller (node wwn).
<b>model</b>	varchar(255)	true	Model of the storage controller.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the storage controller.
<b>driver</b>	varchar(255)	true	Name of the driver managing access to the storage controller.
<b>firmware</b>	varchar(255)	true	Version of the firmware running on the storage controller.
<b>numberOfPorts</b>	varchar(255)	true	Number of ports on the storage controller.

## dwh\_inventory.storage\_node

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the storage node
<b>storaged</b>	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>name</b>	varchar(255)	true	name of the storage node.
<b>identifier</b>	varchar(768)	true	uuid of the storage node.
<b>version</b>	varchar(255)	true	version of the storage node.
<b>model</b>	varchar(255)	true	model of the storage node.



Column	Type	Nullable	Description
<b>serialNumber</b>	varchar(255)	true	serialNumber of the storage node.
<b>state</b>	varchar(255)	true	state of the storage node.
<b>partnerNodeid</b>	int(11)	true	GUID of the partner node. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_node</a></li> </ul>
<b>memorySizeMB</b>	bigint(20)	true	memory size of this storage node.
<b>cacheSizeMB</b>	bigint(20)	true	cache size of this storage node.
<b>numberOfProcessors</b>	int(11)	true	number of processors of this storage node
<b>url</b>	varchar(255)	true	Url to this storage node in Insight Server.

### **dwh\_inventory.storage\_node\_to\_internal\_volume**

Lists the internal volumes used by a storage node.

Column	Type	Nullable	Description
<b>storageid</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>storageNodeid</b>	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_node</a></li> </ul>
<b>internalVolumeid</b>	int(11)	true	GUID of the internal volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>

### **dwh\_inventory.storage\_node\_to\_port**

Lists the ports used by a storage node.

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>storageNodeId</b>	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage_node</a></li></ul>
<b>portId</b>	int(11)	true	GUID of the port. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage_port</a></li></ul>

### **dwh\_inventory.storage\_node\_to\_storage\_pool**

Lists the storage pools used by a storage node.

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>storageNodeId</b>	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage_node</a></li></ul>
<b>storagePoolId</b>	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage_pool</a></li></ul>

### **dwh\_inventory.storage\_node\_to\_volume**

Lists the volumes used by a storage node.

Column	Type	Nullable	Description
<b>storaged</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>storageNodeid</b>	int(11)	true	GUID of the storage node. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_node</a></li> </ul>
<b>volumed</b>	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>

## **dwh\_inventory.storage\_pool**

Storage Pool

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the Storage Pool.
<b>storaged</b>	int(11)	true	GUID of the storage array (filer). References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>type</b>	varchar(255)	true	Real-life entity type that the storage pool describes.
<b>name</b>	varchar(255)	true	Name of the storage pool.
<b>thinProvisioningSupported</b>	char(1)	true	Whether this storage-pool supports thin provisioning for the volume layer on top of it. default false.
<b>includeInDwhCapacity</b>	char(1)	true	Detemines if the storage_pool will appear in the storage-pool dimension of the capacity datamart. default false.

Column	Type	Nullable	Description
<b>isVirtual</b>	char(1)	true	Indicates the storage_pool is consists of backend LUNs.
<b>raidGroup</b>	char(1)	true	Indicates if the storage_pool is a raidGroup.
<b>vendorTier</b>	varchar(255)	true	Vendor-specific tier name.
<b>autoTiering</b>	char(1)	true	Indicate whether this storage pool is participating in auto tiering with other pools.
<b>usesFlashPools</b>	char(1)	true	Indicates whether this storage pool uses flash pools.
<b>redundancy</b>	varchar(255)	true	The redundancy level of the storage_pool.
<b>status</b>	varchar(255)	true	Status of the storage_pool (e.g offline online ...).
<b>snapshotAllocatedCapacityMB</b>	bigint(20)	true	Capacity allocated for storage-pool level snapshots in MB.
<b>snapshotUsedCapacityMB</b>	bigint(20)	true	Capacity used for storage-pool level snapshots in MB.
<b>dataAllocatedCapacityMB</b>	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB. Does not include capacity allocated for storage-pool level snapshots.
<b>dataUsedCapacityMB</b>	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB. Does not include capacity used for storage-pool level snapshots.
<b>totalAllocatedCapacityMB</b>	bigint(20)	true	Capacity allocated for a storage-pool as reported by the storage-array in MB. Includes capacity allocated for storage-pool level snapshots. Equals to: snapshotAllocatedCapacityMB +

Column	Type	Nullable	Description
			$\text{dataAllocatedCapacityMB} + \text{otherAllocatedCapacityMB}$
<b>totalUsedCapacityMB</b>	bigint(20)	true	Capacity used in a storage-pool as reported by the storage-array in MB. Includes capacity used for storage-pool level snapshots. Equals to: $\text{snapshotUsedCapacityMB} + \text{dataUsedCapacityMB} + \text{otherUsedCapacityMB}$
<b>rawToUsableRatio</b>	float	true	The ratio between disk raw capacity and usable capacity for the storage-pool. Affected by the RAID level and other overheads.
<b>reservedCapacityMB</b>	bigint(20)	true	Unused storage-pool capacity that is reserved for volumes in MB. This capacity is included in the $\text{dataAllocatedCapacityMB}$ capacity.
<b>otherUsedCapacityMB</b>	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Used Capacity for the storage-pool. $\text{totalUsedCapacityMB} = \text{dataUsedCapacityMB} + \text{snapShotUsedCapacityMB} + \text{otherUsedCapacityMB}$ .
<b>otherAllocatedCapacityMB</b>	bigint(20)	true	Additional overhead that has not been included in Data/Snapshot Allocated Capacity for the storage-pool. $\text{totalAllocatedCapacityMB} = \text{dataAllocatedCapacityMB} + \text{snapShotAllocatedCapacityMB} + \text{otherAllocatedCapacityMB}$ .
<b>physicalDiskCapacityMB</b>	bigint(20)	true	The Physical Disk Capacity in MB in case the storage pool has both backend LUNs and disks.
<b>softLimitCapacityMB</b>	bigint(20)	true	Capacity limit for thin provisioning in MB.

Column	Type	Nullable	Description
<b>dedupeEnabled</b>	char(1)	true	Is deduplication enabled on the storage pool.
<b>compressionEnabled</b>	char(1)	true	Is compression enabled on the storage pool.
<b>dedupeRatio</b>	float	true	Ratio of deduplication savings. Value between 0 and 1.
<b>compressionRatio</b>	float	true	Ratio of compression savings. Value between 0 and 1.
<b>url</b>	varchar(255)	true	Url to this storage pool in Insight Server.

### **dwh\_inventory.storage\_pool\_to\_backend\_lun**

Lists the backend LUNs used by a storage pool.

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>storagePoolId</b>	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_pool</a></li> </ul>
<b>backendLunId</b>	int(11)	true	GUID of the backend LUN. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.backend_lun</a></li> </ul>

### **dwh\_inventory.storage\_pool\_to\_disk**

Lists the disks used by a storage pool.

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>storagePoolId</b>	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_pool</a></li> </ul>
<b>diskId</b>	int(11)	true	GUID of the disk. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.disk</a></li> </ul>

### **dwh\_inventory.storage\_port**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the storage port.
<b>controllerId</b>	int(11)	true	GUID of the controller (node) where this port resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage_controller</a></li> </ul>
<b>storageId</b>	int(11)	true	GUID of the storage array where this port resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the port.
<b>nodeWwn</b>	varchar(255)	true	WWN of the node (controller) where this port resides.
<b>portId</b>	varchar(255)	true	Id of the port.
<b>name</b>	varchar(255)	true	Name of the port.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>controller</b>	varchar(255)	true	Name of the controller where this port resides.

Column	Type	Nullable	Description
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.
<b>active</b>	char(1)	true	True if the port is not dead

### **dwh\_inventory.storage\_to\_application**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a storage and an application.
<b>storageId</b>	int(11)	true	GUID of the storage. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### **dwh\_inventory.switch**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the switch.
<b>fabricId</b>	int(11)	true	GUID of the fabric on which this switch is configured to operate. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.fabric</a></li> </ul>
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>wwn</b>	varchar(255)	true	WWN of the switch.
<b>ip</b>	varchar(255)	true	IP address of the switch.



Column	Type	Nullable	Description
<b>name</b>	varchar(255)	true	Name of the switch.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the switch
<b>model</b>	varchar(255)	true	Model of the switch.
<b>firmware</b>	varchar(255)	true	Firmware version running on the switch.
<b>domainId</b>	varchar(255)	true	Fabric domain ID of the switch.
<b>domainIdType</b>	varchar(255)	true	Type of domain ID. Possible values are static(0) or preferred(1).
<b>priority</b>	varchar(255)	true	Priority of the switch.
<b>vsanEnabled</b>	char(1)	true	Indicates whether the switch supports VSANs.
<b>serialNumber</b>	varchar(255)	true	Serial number of the switch.
<b>manageURL</b>	varchar(255)	true	URL to the management software of the device.
<b>sanRouteEnabled</b>	char(1)	true	Indicates whether the switch supports Inter VSAN Routing (IVR).
<b>npv</b>	char(1)	true	Indication whether this is an NPV switch.
<b>isGenerated</b>	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
<b>type</b>	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS', 'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')	true	Switch type.
<b>url</b>	varchar(255)	true	Url to this switch in Insight Server.
<b>lastAcquiredTime</b>	datetime	true	Specifies the last acquired time.

Column	Type	Nullable	Description
<b>active</b>	char(1)	true	Indicates whether the Switch is dead or active
<b>dataCenter</b>	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Switch.
<b>switchLevel</b>	varchar(255)	true	<code>Switch_Level</code> annotation value assigned to the Switch.

### dwh\_inventory.switch\_port

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the port.
<b>switchId</b>	int(11)	true	GUID of the switch where the port resides. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.switch</a></li> </ul>
<b>fabricId</b>	int(11)	true	GUID of the fabric on which the port is configured to operate. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.fabric</a></li> </ul>
<b>virtualSwitchId</b>	int(11)	true	GUID of the virtual switch where the port resides. NULL if none exists. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.virtual_switch</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the port.
<b>status</b>	varchar(100)	true	Status of the port. Possible values are OK, NOT_LICENSED, ERROR, INACTIVE and UNKNOWN
<b>rawPortStatus</b>	varchar(255)	true	Status of the port, taken from the device itself. Refer to the device documentation for an explanation of values.

Column	Type	Nullable	Description
<b>type</b>	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
<b>portPhysicalState</b>	varchar(255)	true	Current state of the port, taken from the device itself. Refer to the device documentation for an explanation of values.
<b>number</b>	bigint(20)	true	Number of the port in the containing blade
<b>blade</b>	bigint(20)	true	Number of the blade in the containing switch.
<b>portId</b>	varchar(255)	true	Id of the port.
<b>name</b>	varchar(255)	true	Name of the port.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>fc4Protocol</b>	varchar(255)	true	FC4 (application layer) protocol, displayed as any subset/combination of the following values: BASIC_LINK, EXTEND_LINK, FCIP, SCSI_FCP, FC_SERVICES, FC_SW, SNMP, FABRIC_SERVICES, FABRIC, DIAG and VI.
<b>classOfService</b>	varchar(255)	true	Class of service for the FC protocol.
<b>gbicType</b>	varchar(255)	true	Type of GBIC (Gigabit Interface Converter) used for the port.
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.
<b>isGenerated</b>	char(1)	true	Indication whether this is a generated wwn (if we do not know the real wwn).
<b>active</b>	char(1)	true	True if the port is not dead

## **dwh\_inventory.switch\_port\_to\_application**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a port and an application.
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>portId</b>	int(11)	true	GUID of the switch port. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.switch_port</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### dwh\_inventory.switch\_to\_application

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a switch and an application.
<b>switchId</b>	int(11)	true	GUID of the switch. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.switch</a></li> </ul>
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### dwh\_inventory.tape

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the tape.
<b>name</b>	varchar(255)	true	Name of the tape.

Column	Type	Nullable	Description
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the tape.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the tape.
<b>serialNumber</b>	varchar(255)	true	Serial number for the tape.
<b>active</b>	char(1)	true	Indicates whether the tape is currently active.

### **dwh\_inventory.tape\_controller**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the tape controller.
<b>tapeld</b>	int(11)	true	GUID of the tape where this controller resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> </ul>
<b>wwn</b>	varchar(255)	true	GUID of the controller.
<b>model</b>	varchar(255)	true	Model of the controller.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the controller.
<b>driver</b>	varchar(255)	true	Name of the driver managing access to the controller.
<b>firmware</b>	varchar(255)	true	Version of the firmware running on the controller.
<b>numberOfPorts</b>	varchar(255)	true	Number of ports on the controller.

### **dwh\_inventory.tape\_port**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the tape port.

Column	Type	Nullable	Description
<b>controllerId</b>	int(11)	true	GUID of the controller where this port resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.tape_controller</a></li> </ul>
<b>tapeId</b>	int(11)	true	GUID of the tape where this port resides. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the port.
<b>nodeWwn</b>	varchar(255)	true	WWN of the node (controller) where this port resides.
<b>portId</b>	varchar(255)	true	Id of the port.
<b>name</b>	varchar(255)	true	Name of the port.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>controller</b>	varchar(255)	true	Name of the controller where this port resides.
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.
<b>active</b>	char(1)	true	True if the port is not dead

### **dwh\_inventory.tier**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID for the annotation.
<b>name</b>	varchar(710)	true	Value of the annotation.
<b>sequence</b>	int(11)	true	Sequence number determining the order of enumeration values. This is used primarily for display purposes.
<b>cost</b>	double	true	Optional cost associated with the annotation. Applicable for Tier annotation.

## dwh\_inventory.unknown\_logical

Represents a logical path between a host and a volume through volume UUID mapping, where type is UNKNOWN.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the generic logical path with unknown type.
<b>hostId</b>	int(11)	true	GUID of the initiator host of the generic logical path with unknown type. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li></ul>
<b>storageId</b>	int(11)	true	GUID of the target storage of the generic logical path with unknown type. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li></ul>
<b>volumeId</b>	int(11)	true	GUID of the target volume of the generic logical path with unknown type. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li></ul>

## dwh\_inventory.violation

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the violation.
<b>hostId</b>	int(11)	true	GUID of the initiator host of the violation - is set to null for violations from generic-devices. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li></ul>
<b>genericDeviceId</b>	int(11)	true	GUID of the generic-device which is the initiator of the violation - is set to null for

Column	Type	Nullable	Description
			violations from hosts. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.generic_device</a></li> </ul>
<b>storageld</b>	int(11)	true	GUID of the target storage of the violation - is set to null for violations to tapes. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>tapeld</b>	int(11)	true	GUID of the target tape of the violation - is set to null for violations to storage-arrays. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> </ul>
<b>volumeld</b>	int(11)	true	GUID of the volume to which the violation applies - is set to null for paths to tapes. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>volumeName</b>	varchar(255)	true	Name of the volume. This would be available even if there is a Path Violations with missing volume
<b>type</b>	enum('EXIST_NOT_APPROVED', 'APPROVE_NOT_EXIST', 'NO_SPF', 'REDUNDANCY_VIOLATION', 'HOPS_VIOLATION', 'HOST_PORTS_VIOLATION', 'SHARE_VOLUME_SCOPE_VIOLATION', 'STORAGE_PORTS_VIOLATION',	true	Violation type.



Column	Type	Nullable	Description
	'BACKEND_OUTAGE_VIOLATION', 'HV_ACTIVE_PATH_CONFLICT_VIOLATION', 'HV_MISSING_VIRTUAL_CLUSTER_PATH_VIOLATION', 'HV_INCONSISTENT_LUNS_VIOLATION', 'HV_MISSING_VIRTUAL_CLUSTER_NAS_PATH_VIOLATION', 'ISCSI_SECURITY_VIOLATION', 'ISCSI_NUMBER_OF_SESSIONS_VIOLATION', , 'ISCSI_NUMBER_OF_CONNECTIONS_VIOLATION')		
<b>technology Type</b>	enum('FC', 'ISCSI', 'HV')	true	The technology type (FC, ISCSI, HV) for the violation
<b>since</b>	datetime	true	Time when the violation started.

### **dwh\_inventory.virtual\_switch**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the virtual switch.
<b>fabricId</b>	int(11)	true	GUID of the fabric to which the virtual switch belongs. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.fabric</a></li> </ul>
<b>wwn</b>	varchar(255)	true	WWN of the virtual switch.
<b>ip</b>	varchar(255)	true	IP address of the virtual switch
<b>name</b>	varchar(255)	true	Name of the virtual switch.
<b>domainId</b>	varchar(255)	true	Fabric domain ID of the switch.
<b>domainIdType</b>	varchar(255)	true	Type of domain ID. Possible values are static(0) or

Column	Type	Nullable	Description
			preferred(1).
<b>priority</b>	varchar(255)	true	Priority of the virtual switch.
<b>switchRole</b>	varchar(255)	true	Role of the virtual switch in the event of fabric merge. Possible values are PRINCIPAL and SUBORDINATE
<b>chassisWwn</b>	varchar(255)	true	WWN of the physical switch which defines the virtual switch.
<b>npv</b>	char(1)	true	Indication whether this is an NPV switch.
<b>isGenerated</b>	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
<b>type</b>	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS', 'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')	true	Switch type.

### dwh\_inventory.virtual\_to\_backend\_volume

Column	Type	Nullable	Description
<b>virtualVolumeld</b>	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>backendVolumeld</b>	int(11)	true	GUID of the backend Volume. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>

### dwh\_inventory.vm\_to\_application

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a virtual machine and an application.
<b>vmId</b>	int(11)	true	GUID of the virtual machine. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.hv_virtual_machine</a></li> </ul>
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.application</a></li> </ul>
<b>inherited</b>	char(1)	true	This application is inherited.

### dwh\_inventory.volume

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the volume.
<b>storageId</b>	int(11)	true	GUID of the storage where this volume resides. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>internalVolumeId</b>	int(11)	true	When the volume represents a NetApp LUN, GUID of the internal-volume where the LUN resides. Null otherwise. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.internal_volume</a></li> </ul>
<b>qtreeId</b>	int(11)	true	When the volume represents a NetApp LUN, GUID of the qtree where the LUN resides. Null otherwise. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.qtree</a></li> </ul>
<b>name</b>	varchar(255)	true	Name of the volume.

Column	Type	Nullable	Description
<b>label</b>	varchar(255)	true	Label (description) of the volume.
<b>thinProvisioned</b>	char(1)	true	Whether this volume is thin provisioned.
<b>capacityMB</b>	bigint(20)	true	Volume usable capacity (as seen by the host or other SCSI initiators) in MB.
<b>consumedCapacityMB</b>	bigint(20)	true	Presents the capacity that is being consumed in MB.
<b>writtenCapacityMB</b>	bigint(20)	true	Presents the capacity that is being written in MB.
<b>rawCapacityMB</b>	bigint(20)	true	Actual raw disk capacity used by the volume, in MB.
<b>type</b>	varchar(255)	true	Vendor-specific type of volume (e.g., SFS, BCV).
<b>replicaSource</b>	char(1)	true	Indicates whether this volume is a source in a replica.
<b>replicaTarget</b>	char(1)	true	Indicates whether this volume is a target in a replica.
<b>snapshot</b>	char(1)	true	Indicates whether this volume is a snapshot volume.
<b>cylinders</b>	int(11)	true	Number of cylinders in the volume.
<b>diskGroup</b>	varchar(255)	true	Comma separated list of the disk groups used by this volume.
<b>isVirtual</b>	char(1)	true	Indicates whether this volume is a virtual volume (in a virtual storage-pool).
<b>meta</b>	char(1)	true	Indicates whether this volume is a meta volume in a volume group.
<b>virtualStorage</b>	varchar(255)	true	Name of the vFiler containing the volume (NetApp).
<b>head</b>	varchar(255)	true	Head (NetApp) through which the volume is

Column	Type	Nullable	Description
			exposed. For example, name of the active head in an active-passive configuration.
<b>protectionType</b>	varchar(255)	true	Specifies the protection type for the volume (e.g., BCV, R1, R2 ...)
<b>technologyType</b>	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
<b>autoTieringPolicyId</b>	int(11)	true	GUID of auto tiering policy References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.auto_tiering_policy</a></li> </ul>
<b>autoTiering</b>	char(1)	true	Indicates whether this volume is participating in auto tiering.
<b>uuid</b>	varchar(255)	true	UUID of the volume.
<b>isMainframe</b>	char(1)	true	Indicates whether this is a Mainframe volume
<b>lastKnownAccessTime</b>	datetime	true	Specifies the last time known to SANscreen in which the volume was accessed for read or write (NULL if time is unavailable).
<b>url</b>	varchar(255)	true	Url to this volume in Insight Server.

## **dwh\_inventory.volume\_in\_storage\_pool**

Links storage pool and the volumes carved from it.

Column	Type	Nullable	Description
<b>storageId</b>	int(11)	true	GUID of the storage array. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>volumeId</b>	int(11)	true	GUID of the volume. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.volume</a></li> </ul>
storagePoolId	int(11)	true	GUID of the storage pool. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.storage_pool</a></li> </ul>
volumeMembersCapacityMB	bigint(20)	true	Capacity of all volume-members on the storage-pool contributing to a volume, in MB.
volumeMembersRawCapacityMB	bigint(20)	true	Raw capacity of all volume-members on the storage-pool contributing to a volume, in MB.

### dwh\_inventory.volume\_map

Column	Type	Nullable	Description
id	int(11)	true	GUID of the volume map entry.
volumeId	int(11)	true	GUID of the volume to which the volume map entry refers. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.volume</a></li> </ul>
storageId	int(11)	true	GUID of the storage on which the volume map entry is defined. References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.storage</a></li> </ul>
protocolController	varchar(255)	true	Name of the protocol controller which defines the volume map entry.
lun	varchar(255)	true	Logical Unit Number (LUN) used to access this volume.
tid	int(11)	true	Target SCSI ID defined by the volume map entry.

Column	Type	Nullable	Description
<b>storagePortWwn</b>	varchar(255)	true	WWN of the storage port to which this volume map entry refers.
<b>wwnSecurityValidity</b>	tinyint(4)	true	Indicates whether access to the volume requires additional masking configuration.

### **dwh\_inventory.volume\_mask**

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the volume mask entry.
<b>volumeld</b>	int(11)	true	GUID of the volume to which the volume mask entry refers. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>storageld</b>	int(11)	true	GUID of the storage on which the volume mask entry is defined. References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>protocolController</b>	varchar(255)	true	Name of the protocol controller which defines the volume mask entry.
<b>storagePortWwn</b>	varchar(255)	true	WWN of the storage port to which the volume mask entry refers.
<b>initiatorWwn</b>	varchar(255)	true	WWN of the initiator port to which the volume mask entry refers.
<b>hostId</b>	int(11)	true	GUID of the host referred to by the initiator WWN of this volume mask entry References: <ul style="list-style-type: none"> <li><b>id</b> in <a href="#">dwh_inventory.host</a></li> </ul>
<b>type</b>	enum('FC', 'ISCSI')	true	Type of the volume access technology.

## dwh\_inventory.volume\_to\_application

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the relationship between a volume and an application.
<b>applicationId</b>	int(11)	true	GUID of the application. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.application</a></li></ul>
<b>volumeId</b>	int(11)	true	GUID of the volume. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.volume</a></li></ul>
<b>inherited</b>	char(1)	true	This application is inherited.

## dwh\_inventory.zone

Zone and Zone Capabilities info.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the zone.
<b>fabricId</b>	int(11)	true	GUID of the fabric where the zone is defined. References: <ul style="list-style-type: none"><li>• <b>id</b> in <a href="#">dwh_inventory.fabric</a></li></ul>
<b>name</b>	varchar(255)	true	Name of the zone. Part of the natural-key.
<b>fabricWwn</b>	varchar(255)	true	WWN of the fabric where the zone is defined.
<b>configurationName</b>	varchar(255)	true	Name of the active zone configuration (set) that contains this zone. Part of the natural-key.

## dwh\_inventory.zone\_member

Zone Members info.



Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the zone_member.
<b>zoneId</b>	int(11)	true	GUID of the zone. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.zone</a></li> </ul>
<b>fabricId</b>	int(11)	true	GUID of the fabric where the zone is defined. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.fabric</a></li> </ul>
<b>type</b>	enum('WWN', 'SWITCH')	true	Member zoning type. Can be either WWN (Soft) or SWITCH (Hard).
<b>wwn</b>	varchar(255)	true	WWN of the member. Can be a switch port (if type=SWITCH) or node/port of a device (type=WWN).
<b>zoneName</b>	varchar(255)	true	Name of the zone.

## dwh\_performance

### dwh\_performance.application\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this application row.
<b>name</b>	varchar(255)	true	Name of the application.
<b>description</b>	varchar(255)	true	Description of the application.
<b>priority</b>	varchar(255)	true	Priority of the application.
<b>url</b>	varchar(255)	true	Url to this application in Insight Server.
<b>id</b>	int(11)	true	GUID of the application in <code>dwh_inventory.application</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this

Column	Type	Nullable	Description
			application.
<b>dateTk</b>	int(11)	true	TK of the date in which this application row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.application\_group\_bridge**

Column	Type	Nullable	Description
<b>appGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
<b>appTk</b>	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.application_dimension</a></li> </ul>
<b>isRep</b>	char(1)	true	Indicates whether this application represents its application group.

### **dwh\_performance.application\_group\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the application group.
<b>repApp</b>	varchar(255)	true	Name of the application representing the application group.
<b>repAppTk</b>	int(11)	true	TK of the application representing the application group. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.application_dimension</a></li> </ul>
<b>cardinality</b>	smallint(6)	true	Number of applications in the application group.
<b>dateTk</b>	int(11)	true	TK of the date in which the application group row was created.

Column	Type	Nullable	Description
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References:

- tk in [dwh\\_performance.date\\_dimension](#)

## dwh\_performance.application\_volume\_hourly\_performance\_fact

The performance data for applications.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.business_entity_dimension</a></li> </ul>
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time
<b>totalResponseTime</b>	double	true	The total response time.
<b>totalResponseTimeMax</b>	double	true	The maximum for response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>sumOfAveragesVolumeThroughput</b>	double	true	The sum of totalThroughput for all volume hourly samples related to application. Represents the average usage for application.
<b>maxOfMaxVolumeThroughput</b>	double	true	The maximum totalThroughputMax for all volume hourly samples related to application. Represents the best case scenario of max usage for application.
<b>sumOfMaxVolumeThroughput</b>	double	true	The sum of totalThroughputMax for all volume hourly sample related to application. Represents the worst case scenario of max usage when all maxes happen at the same time.
<b>readIops</b>	double	true	Read io per second average.

Column	Type	Nullable	Description
<b>writelops</b>	double	true	Write io per second average.
<b>sumOfAveragesVolumelops</b>	double	true	The sum of totallops for all volume hourly samples related to application. Represents the average usage for application.
<b>maxOfMaxVolumelops</b>	double	true	The maximum totallopsMax for all volume hourly samples related to application. Represents the best case scenario of max usage for application.
<b>sumOfMaxVolumelops</b>	double	true	The sum of totallopsMax for all volume hourly sample related to application. Represents the worst case scenario of max usage when all maxes happen at the same time.
<b>readCacheHitRatio</b>	double	true	The read cache hit ratio.
<b>writeCacheHitRatio</b>	double	true	The write cache hit ratio.
<b>totalCacheHitRatio</b>	double	true	The total cache hit ratio.
<b>totalCacheHitRatioMax</b>	double	true	The maximum total cache hit ratio.
<b>writePending</b>	bigint(20)	true	Number of pending writes.
<b>readIoDensity</b>	double	true	Read io density.
<b>writelIoDensity</b>	double	true	Write io density.
<b>totalIoDensity</b>	double	true	Total io density.
<b>totalIoDensityMax</b>	double	true	The maximum total io density.
<b>compressionSavingsPercent</b>	double	true	Compression savings (%).
<b>compressionSavingsSpace</b>	double	true	Compression savings space.

**dwh\_performance.business\_entity\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this business entity row.
<b>fullname</b>	varchar(1024)	true	Name of the business entity.
<b>tenant</b>	varchar(255)	true	Name of the tenant.
<b>lob</b>	varchar(255)	true	Name of the line of business.
<b>businessUnit</b>	varchar(255)	true	Name of the business unit.
<b>project</b>	varchar(255)	true	Name of the project.
<b>id</b>	int(11)	true	GUID of the business entity in <code>dwh_inventory.annotation_value</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this business entity.
<b>dateTk</b>	int(11)	true	TK of the date in which this business entity row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.capacity\_volume\_fact\_current**

Column	Type	Nullable	Description
<b>chargebackFactTk</b>	int(11)	true	TK of the chargeback fact row where the volume capacity is counted. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_capacity.chargeback_fact</a></li> </ul>
<b>volumeld</b>	int(11)	true	GUID of the volume as appears in inventory References: <ul style="list-style-type: none"> <li>id in <a href="#">dwh_inventory.volume</a></li> </ul>
<b>storageld</b>	int(11)	true	GUID of the storage where this volume resides, as appears in the inventory

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> </ul>
<b>volumeName</b>	varchar(255)	true	Name of the volume
<b>volumeType</b>	varchar(255)	true	Vendor-specific type of volume (e.g., SFS, BCV).
<b>thinProvisioned</b>	char(1)	true	Indicates whether this volume is thin provisioned.
<b>isVirtual</b>	char(1)	true	Indicates whether this volume is a virtual volume.
<b>snapshot</b>	char(1)	true	Indicates whether this volume is a snapshot volume.
<b>technologyType</b>	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
<b>physicalUsableMB</b>	bigint(20)	true	The amount of volume usable capacity that is consumed from the storage and is counted in the fact row, in MB.
<b>physicalRawMB</b>	bigint(20)	true	The amount of volume raw capacity that is consumed from the storage and is counted in the fact row, in MB.
<b>provisionedUsableMB</b>	bigint(20)	true	The amount of volume usable capacity that is provisioned to hosts/users counted in the fact row, in MB.
<b>provisionedRawMB</b>	bigint(20)	true	The amount of volume raw capacity that is provisioned to hosts/users counted in the fact row, in MB.

### **dwh\_performance.connected\_device\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this fabric row.

Column	Type	Nullable	Description
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>name</b>	varchar(255)	true	Name of the device.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the device.
<b>model</b>	varchar(255)	true	Manufacturer model of the device.
<b>type</b>	enum('Storage', 'Host', 'Switch', 'NPV Switch', 'Generic', 'Tape')	true	Type of the device.
<b>firmware</b>	varchar(255)	true	Firmware version running on the device.
<b>id</b>	int(11)	true	The ID of the device
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this device.
<b>dateTk</b>	int(11)	true	TK of the date in which this connected device row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.datastore\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this datastore row.
<b>naturalKey</b>	varchar(768)	true	Oid of the datastore.
<b>name</b>	varchar(512)	true	Name of the datastore.
<b>moid</b>	varchar(255)	true	Managed Object ID of the datastore.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center of the datastore.



Column	Type	Nullable	Description
<b>url</b>	varchar(255)	true	Url to this datastore in Insight Server.
<b>id</b>	int(11)	true	GUID of the datastore in <code>dwh_inventory.hv_data_store</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this datastore.
<b>dateTk</b>	int(11)	true	TK of the date in which this datastore row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.date\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the date object.
<b>fullDate</b>	datetime	true	Date of the date object.
<b>dayInMonth</b>	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.
<b>dayInYear</b>	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
<b>dateYear</b>	smallint(6)	true	Year of the date object.
<b>yearLabel</b>	char(4)	true	Year formatted as String
<b>monthNum</b>	tinyint(4)	true	Month of the date object. January has value 1.
<b>monthLabel</b>	char(7)	true	Month formatted as String
<b>dayInWeekNum</b>	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
<b>quarter</b>	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
<b>quarterLabel</b>	char(7)	true	Quarter formatted as String

Column	Type	Nullable	Description
<b>dayInQuarter</b>	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
<b>repQuarter</b>	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
<b>repMonth</b>	tinyint(4)	true	Indicates whether this date is the first date available for its month.
<b>repWeek</b>	tinyint(4)	true	Indicates whether this date is the first date available for its week.
<b>repDay</b>	tinyint(4)	true	Indicates whether this date is the first date available for its day.
<b>repMonthOrLatest</b>	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
<b>sspFlag</b>	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool Datamart. It is true for month representatives and for the last number of days as defined in configuration.
<b>latest</b>	char(1)	true	Indicates whether this date is the last date available in the table.
<b>future</b>	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

## **dwh\_performance.disk\_daily\_performance\_fact**

The daily performance data for disks.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.

Column	Type	Nullabl e	Description
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>diskTk</b>	int(11)	true	TK of the disk for performance numbers (if found). References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.disk_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the storage pool for performance numbers. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readIops</b>	double	true	Read io per second.
<b>writeIops</b>	double	true	Write io per second.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>readUtilization</b>	double	true	Read utilization (%).
<b>writeUtilization</b>	double	true	Write utilization (%).

Column	Type	Nullabl e	Description
<b>totalUtilization</b>	double	true	Total utilization (%).
<b>totalUtilizationMax</b>	double	true	The max utilization (%).
<b>accessed</b>	int(11)	true	Is disk accessed?
<b>timestamp</b>	bigint(20 )	true	fact start timestamp, for partitioning

### dwh\_performance.disk\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this disk row.
<b>identifier</b>	varchar(768)	true	Identifier of the disk.
<b>storageIdentifier</b>	varchar(768)	true	Identifier of the disk storage.
<b>name</b>	varchar(255)	true	Name of the disk.
<b>speed</b>	int(11)	true	Speed of disk.
<b>location</b>	varchar(255)	true	Disk location.
<b>role</b>	varchar(255)	true	Role for disk in storage group (e.g. PARITY, DATA, SPARE).
<b>vendor</b>	varchar(255)	true	Disk vendor (e.g. NetApp, SEAGATE).
<b>model</b>	varchar(255)	true	Disk model.
<b>type</b>	varchar(255)	true	Type for the disk (e.g. SATA, FC).
<b>diskGroup</b>	varchar(255)	true	Identifier for disk group the disk belongs to (e.g. rg0, 7).
<b>status</b>	varchar(255)	true	Status for disk (e.g. NORMAL, FAILED).
<b>serialNumber</b>	varchar(255)	true	The disk serial number

Column	Type	Nullable	Description
<b>url</b>	varchar(255)	true	Url to this disk in Insight Server.
<b>id</b>	int(11)	true	GUID of the disk in <code>dwh_inventory.disk</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this disk.
<b>dateTk</b>	int(11)	true	TK of the date in which this internal volume row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

## **dwh\_performance.disk\_hourly\_performance\_fact**

The hourly performance data for disks.

Column	Type	Nullable	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>diskTk</b>	int(11)	true	TK of the disk for performance numbers (if found). References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.disk_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage for performance numbers. References:

Column	Type	Nullabl e	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.
writeIops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readUtilization	double	true	Read utilization (%).
writeUtilization	double	true	Write utilization (%).
totalUtilization	double	true	Total utilization (%).
totalUtilizationMax	double	true	The max utilization (%).
accessed	int(11)	true	Is disk accessed?
timestamp	bigint(20)	true	fact start timestamp, for partitioning

## **dwh\_performance.fabric\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this fabric row.
<b>identifier</b>	varchar(768)	true	Identifier of the fabric.
<b>wwn</b>	varchar(255)	true	WWN of the fabric.
<b>name</b>	varchar(255)	true	Name of the fabric.
<b>vsanEnabled</b>	char(1)	true	Indicates whether this fabric is a VSAN.
<b>vsanId</b>	varchar(255)	true	Identifier for the VSAN in case this fabric is a VSAN.
<b>zoningEnabled</b>	char(1)	true	If true, zoning is enforce based on the data in the zone and zone members table. Otherwise, zoning is not enforced in the Fabric.
<b>url</b>	varchar(255)	true	Url to this fabric in Insight Server.
<b>id</b>	int(11)	true	GUID of the fabric in <code>dwh_inventory.fabric</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this fabric.
<b>dateTk</b>	int(11)	true	TK of the date in which this fabric row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

## **dwh\_performance.host\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this host row.
<b>name</b>	varchar(255)	true	Name of the host.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	Comma separated list of IP addresses of the host.
<b>os</b>	varchar(255)	true	Operating system running on the host.

Column	Type	Nullable	Description
<b>model</b>	varchar(255)	true	Model number.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the host.
<b>url</b>	varchar(255)	true	Url to this host in Insight Server.
<b>id</b>	int(11)	true	GUID of the host in <code>dwh_inventory.host</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this host.
<b>dateTk</b>	int(11)	true	TK of the date in which this host row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	dataCenter annotation value assigned to dwh_dimensions.host_dimension

### **dwh\_performance.host\_group\_bridge**

Column	Type	Nullable	Description
<b>hostGroupTk</b>	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_group_dimension</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_dimension</a></li> </ul>
<b>isRep</b>	char(1)	true	Indicates whether this host represents its host group.

### **dwh\_performance.host\_group\_dimension**



Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the host group.
<b>repHost</b>	varchar(255)	true	Name of the host representing the host group.
<b>repHostTk</b>	int(11)	true	TK of the host representing the host group. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.host_dimension</a></li> </ul>
<b>cardinality</b>	smallint(6)	true	Number of hosts in the host group.
<b>dateTk</b>	int(11)	true	TK of the date in which this host group row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.host\_vm\_daily\_performance\_fact**

The performance daily data for host vm performance.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.host_dimension</a></li> </ul>
<b>readIops</b>	double	true	Read io per second.
<b>writeIops</b>	double	true	Write io per second.
<b>totalIops</b>	double	true	Total io per second average (read+write).

Column	Type	Nullabl e	Description
<b>totalIopsMax</b>	double	true	The max io per second.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time.
<b>totalResponseTime</b>	double	true	Total response time.
<b>totalResponseTimeMax</b>	double	true	Total max response time.
<b>ipReceiveThroughput</b>	double	true	Ip Receive Throughput.
<b>ipTransmitThroughput</b>	double	true	Ip Transmit Throughput.
<b>ipTotalThroughput</b>	double	true	Ip Total Throughput.
<b>ipTotalThroughputMax</b>	double	true	The maximum ip Total Throughput.
<b>cpuUtilization</b>	double	true	CPU utilization (%)
<b>maxOfAvgCpuUtilization</b>	double	true	MAX CPU utilization (%)
<b>memoryUtilization</b>	double	true	Memory utilization (%)
<b>maxOfAvgMemoryUtilizatio n</b>	double	true	MAX Memory utilization (%)
<b>swapInRate</b>	double	true	Swap in rate
<b>maxOfAvgSwapInRate</b>	double	true	Max swap in rate
<b>swapOutRate</b>	double	true	Swap out rate

Column	Type	Nullabl e	Description
<b>maxOfAvgSwapOutRate</b>	double	true	Max swap out rate
<b>swapTotalRate</b>	double	true	Total swap rate
<b>swapTotalRateMax</b>	double	true	The maximum total swap rate
<b>timestamp</b>	bigint(20 )	true	fact start timestamp, for partitioning

### **dwh\_performance.host\_vm\_hourly\_performance\_fact**

The performance hourly data for host performance.

Column	Type	Nullable	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.host_dimension</a></li> </ul>
<b>readIops</b>	double	true	Read io per second.
<b>writeIops</b>	double	true	Write io per second.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.

Column	Type	Nullable	Description
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time.
<b>totalResponseTime</b>	double	true	Total response time.
<b>totalResponseTimeMax</b>	double	true	Total max response time.
<b>ipReceiveThroughput</b>	double	true	Ip Receive Throughput.
<b>ipTransmitThroughput</b>	double	true	Ip Transmit Throughput.
<b>ipTotalThroughput</b>	double	true	Ip Total Throughput.
<b>ipTotalThroughputMax</b>	double	true	The maximum ip Total Throughput.
<b>cpuUtilization</b>	double	true	CPU utilization (%)
<b>memoryUtilization</b>	double	true	Memory utilization (%)
<b>swapInRate</b>	double	true	Swap in rate
<b>swapOutRate</b>	double	true	Swap out rate
<b>swapTotalRate</b>	double	true	Total swap rate
<b>swapTotalRateMax</b>	double	true	The maximum total swap rate
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

## dwh\_performance.host\_volume\_hourly\_performance\_fact

The performance data for hosts.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.time_dimension</a></li></ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.date_dimension</a></li></ul>
hostTk	int(11)	true	TK of the host representative. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.host_dimension</a></li></ul>
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.host_group_dimension</a></li></ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.tier_dimension</a></li></ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.service_level_dimension</a></li></ul>
businessEntityTk	int(11)	true	TK of the business entity. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.business_entity_dimension</a></li> </ul>
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time
<b>totalResponseTime</b>	double	true	The total response time.
<b>totalResponseTimeMax</b>	double	true	The maximum for response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>sumOfAveragesVolumeThroughput</b>	double	true	The sum of totalThroughput for all volume hourly samples related to host. Represents the average usage for host.
<b>maxOfMaxVolumeThroughput</b>	double	true	The maximum totalThroughputMax for all volume hourly samples related to host. Represents the best case scenario of max usage for host.
<b>sumOfMaxVolumeThroughput</b>	double	true	The sum of totalThroughputMax for all volume hourly sample related to host. Represents the worst case scenario of max usage when all maxes happen at the same time.
<b>readIops</b>	double	true	Read io per second average.
<b>writeIops</b>	double	true	Write io per second average.
<b>sumOfAveragesVolumeIops</b>	double	true	The sum of totalIops for all volume hourly samples related to host. Represents the average usage for host.
<b>maxOfMaxVolumeIops</b>	double	true	The maximum totalIopsMax for all volume hourly samples related to host. Represents the best case scenario of max usage for host.

Column	Type	Nullable	Description
<b>sumOfMaxVolumelops</b>	double	true	The sum of totallopsMax for all volume hourly sample related to host. Represents the worst case scenario of max usage when all maxes happen at the same time.
<b>readCacheHitRatio</b>	double	true	The read cache hit ratio.
<b>writeCacheHitRatio</b>	double	true	The write cache hit ratio.
<b>totalCacheHitRatio</b>	double	true	The total cache hit ratio.
<b>totalCacheHitRatioMax</b>	double	true	The maximum total cache hit ratio.
<b>writePending</b>	bigint(20)	true	Number of pending writes.
<b>readIoDensity</b>	double	true	Read io density.
<b>writeIoDensity</b>	double	true	Write io density.
<b>totalIoDensity</b>	double	true	Total io density.
<b>totalIoDensityMax</b>	double	true	The maximum total io density.
<b>compressionSavingsPercent</b>	double	true	Compression savings (%).
<b>compressionSavingsSpace</b>	double	true	Compression savings space.

### **dwh\_performance.internal\_volume\_daily\_performance\_fact**

The performance daily data for internal volumes.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	<p>TK of the internal volume for performance numbers (if found).</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.internal_volume_dimension</a></li> </ul>
storageTk	int(11)	true	<p>TK of the storage for performance numbers.</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
virtualStorageTk	int(11)	true	<p>TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A.</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
storageNodeTk	int(11)	true	<p>TK of the storage node.</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_node_dimension</a></li> </ul>
storagePoolTk	int(11)	true	<p>TK of the storage pool for performance numbers (if found).</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
applicationTk	int(11)	true	<p>TK of the application representative.</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	<p>TK of the application group.</p> <p>References:</p> <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>



Column	Type	Nullabl e	Description
			<a href="#">n</a>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.business_entity_dimension</a></li> </ul>
<b>k8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroup Tk</b>	int(11)	true	TK of the k8s namespace group.
<b>readResponseTime</b>	double	true	Read response time average.
<b>writeResponseTime</b>	double	true	Write response time average.
<b>totalResponseTime</b>	double	true	The total response time average.
<b>totalResponseTimeM ax</b>	double	true	The maximum for response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).

Column	Type	Nullabl e	Description
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readIops</b>	double	true	Read io per second average.
<b>writeIops</b>	double	true	Write io per second average.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>writePending</b>	bigint(2 0)	true	Number of pending writes maximum for day.
<b>readIoDensity</b>	double	true	Read io density.
<b>writeIoDensity</b>	double	true	Write io density.
<b>totalIoDensity</b>	double	true	Total io density.
<b>totalIoDensityMax</b>	double	true	The maximum total io density.
<b>accessed</b>	int(11)	true	Is internal volume accessed?
<b>frontend</b>	char(1)	true	Is internal volume frontend?
<b>backend</b>	char(1)	true	Is internal volume backend?
<b>timestamp</b>	bigint(2 0)	true	fact start timestamp, for partitioning

### **dwh\_performance.internal\_volume\_dimension**

Column	Type	Nullabl e	Description
<b>tk</b>	int(11)	true	TK of this internal volume row.

Column	Type	Nullabl e	Description
<b>name</b>	varchar(255 )	true	Name of the internal volume.
<b>identifier</b>	varchar(768 )	true	Identifier of the internal volume.
<b>storagePoolIdentifier</b>	varchar(768 )	true	Identifer of the storage pool where this internal volume resides.
<b>storageName</b>	varchar(255 )	true	Name of the storage where this internal volume resides.
<b>storageIP</b>	varchar(255 )	true	IP of the storage where this internal volume resides.
<b>type</b>	varchar(255 )	true	internal volume type.
<b>virtualStorage</b>	varchar(255 )	true	Specifies VirtualStorage(e.g.vFiler)
<b>spaceGuarantee</b>	varchar(255 )	true	internal volume space guarantee.
<b>thinProvisioningSupported</b>	char(1)	true	is thin provisioning supported for the internal volume.
<b>thinProvisioned</b>	char(1)	true	is the internal volume thin provisioned.
<b>uuid</b>	varchar(255 )	true	UUID of the internal volume.
<b>flexGroupIdentifier</b>	varchar(768 )	true	FlexGroup identifier to which this internal volume belongs.
<b>url</b>	varchar(255 )	true	Url to this internal volume in Insight Server.
<b>id</b>	int(11)	true	GUID of the internal volume in <code>dwh_inventory.internal_volume</code>

Column	Type	Nullable	Description
latest	char(1)	true	Indicates whether this row is the latest one for this internal volume.
dateTk	int(11)	true	TK of the date in which this internal volume row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### dwh\_performance.internal\_volume\_hourly\_performance\_fact

The performance data for internal volumes.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	TK of the internal volume for performance numbers (if found). References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.internal_volume_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>

Column	Type	Nullabl e	Description
<b>virtualStorageTk</b>	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>storageNodeTk</b>	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_node_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the storage pool for performance numbers (if found). References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
<b>applicationTk</b>	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
<b>applicationGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
<b>businessEntityTk</b>	int(11)	true	TK of the business entity.

Column	Type	Nullabl e	Description
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References:

- **tk** in [dwh\\_performance.business\\_entity\\_dimension](#)

<b>k8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroupTk</b>	int(11)	true	TK of the k8s namespace group.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time
<b>totalResponseTime</b>	double	true	The total response time.
<b>totalResponseTimeMax</b>	double	true	The maximum for response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readIops</b>	double	true	Read io per second.
<b>writeIops</b>	double	true	Write io per second.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>writePending</b>	bigint(2)	true	Number of pending writes.

Column	Type	Nullable	Description
	0)		
<b>readIoDensity</b>	double	true	Read io density.
<b>writeIoDensity</b>	double	true	Write io density.
<b>totalIoDensity</b>	double	true	Total io density.
<b>totalIoDensityMax</b>	double	true	The maximum total io density.
<b>accessed</b>	int(11)	true	Is internal volume accessed?
<b>frontend</b>	char(1)	true	Is internal volume frontend?
<b>backend</b>	char(1)	true	Is internal volume backend?
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

### **dwh\_performance.k8s\_cluster\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this cluster row.
<b>identifier</b>	varchar(768)	true	unique identifier of the cluster.
<b>name</b>	varchar(255)	true	Name of the cluster.
<b>id</b>	int(11)	true	GUID of the cluster in <code>dwh_inventory.k8s_cluster</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this cluster.
<b>dateTk</b>	int(11)	true	TK of the date in which this cluster row was created. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>

## dwh\_performance.k8s\_namespace\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this namespace row.
<b>identifier</b>	varchar(768)	true	unique identifier of the namespace.
<b>name</b>	varchar(255)	true	Name of the namespace.
<b>clusterName</b>	varchar(255)	true	Cluster name of the namespace.
<b>id</b>	int(11)	true	GUID of the namespace in <code>dwh_inventory.k8s_namespace</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this namespace.
<b>dateTk</b>	int(11)	true	TK of the date in which this namespace row was created. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li></ul>

## dwh\_performance.k8s\_namespace\_group\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the k8s namespace group.
<b>repK8sNamespace</b>	varchar(255)	true	Name of the application representing the k8s namespace group.
<b>repK8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace representing the group.
<b>cardinality</b>	smallint(6)	true	Number of k8s namespaces in the application group.
<b>dateTk</b>	int(11)	true	TK of the date in which the k8s namespace group row was created. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li></ul>



## dwh\_performance.k8s\_node\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this node row.
<b>identifier</b>	varchar(768)	true	unique identifier of the node.
<b>name</b>	varchar(255)	true	Name of the node.
<b>clusterName</b>	varchar(255)	true	Cluster name of the node.
<b>id</b>	int(11)	true	GUID of the node in <code>dwh_inventory.k8s_node</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this node.
<b>dateTk</b>	int(11)	true	TK of the date in which this node row was created. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li></ul>

## dwh\_performance.port\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this port row.
<b>wwn</b>	varchar(255)	true	WWN of the port.
<b>name</b>	varchar(255)	true	Name of the port.
<b>gbicType</b>	varchar(255)	true	Type of GBIC (Gigabit Interface Converter) used for the port.
<b>type</b>	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>isGenerated</b>	char(1)	true	Indication whether this is a generated wwn (if we do not know the real wwn).
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.

Column	Type	Nullable	Description
<b>id</b>	int(11)	true	GUID of the port in <code>dwh_inventory.switch_port</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this port.
<b>dateTk</b>	int(11)	true	TK of the date in which the port row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.qtree\_daily\_performance\_fact**

The daily performance data for qtrees.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>qtreeTk</b>	int(11)	true	TK of the qtree for performance counters. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.qtree_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the qtree storage for performance counters. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the qtree storage pool for performance counters. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
<b>internalVolumeTk</b>	int(11)	true	TK of the qtree internal volume for performance

Column	Type	Nullabl e	Description
			counters. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.internal_volume_dimension</a></li> </ul>
virtualStorageTk	int(11)	true	TK of the frontend array in case this qtree is on virtual internal volume. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.business_entity_dimension</a></li> </ul>
k8sNamespaceTk	int(11)	true	TK of the k8s namespace. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroupTk</b>	int(11)	true	TK of the k8s namespace group.
<b>totallops</b>	double	true	Total io per second average (read+write).
<b>totallopsMax</b>	double	true	The max io per second.
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

### **dwh\_performance.qtree\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this qtree row.
<b>name</b>	varchar(255)	true	Name of the qtree.
<b>identifier</b>	varchar(768)	true	Identifier of the qtree.
<b>storageIdentifier</b>	varchar(768)	true	Identifier of the storage where this qtree resides.
<b>type</b>	enum('DEFAULT', 'EXPLICIT')	true	Qtree type.
<b>url</b>	varchar(255)	true	Url to this qtree in Insight Server.
<b>id</b>	int(11)	true	GUID of the qtree in <code>dwh_inventory.qtree</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this qtree.
<b>dateTk</b>	int(11)	true	TK of the date in which this qtree row was created. References:

Column	Type	Nullable	Description
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- tk in [dwh\\_performance.date\\_dimension](#)

## dwh\_performance.qtree\_hourly\_performance\_fact

The hourly performance data for qtrees.

Column	Type	Nullabl e	Description
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tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
qtreeTk	int(11)	true	TK of the qtree for performance counters. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.qtree_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the qtree storage for performance counters. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the qtree storage pool for performance counters. References: <ul style="list-style-type: none"> <li>• tk in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
internalVolumeTk	int(11)	true	TK of the qtree internal volume for performance counters. References: <ul style="list-style-type: none"> <li>• tk in</li> </ul>

Column	Type	Nullabl e	Description
			<a href="#">dwh_performance.internal_volume_dimension</a>
<b>virtualStorageTk</b>	int(11)	true	TK of the frontend array in case this qtree is on virtual internal volume. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
<b>applicationTk</b>	int(11)	true	TK of the application. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
<b>applicationGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.business_entity_dimension</a></li> </ul>
<b>k8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroup</b>	int(11)	true	TK of the k8s namespace group.

Column	Type	Nullabl e	Description
<b>Tk</b>			
<b>totallops</b>	double	true	Total io per second average (read+write).
<b>totallopsMax</b>	double	true	The max io per second.
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

### dwh\_performance.service\_level\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this service level row.
<b>name</b>	varchar(255)	true	Identifying name for the service level.
<b>sequence</b>	int(11)	true	Sequential number of the service level as defined in <code>dwh_inventory.annotation_value</code> .
<b>cost</b>	double	true	Cost associated with this service level.
<b>id</b>	int(11)	true	GUID of the service level in <code>dwh_inventory.annotation_value</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this service level.
<b>dateTk</b>	int(11)	true	TK of the date in which this service level row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### dwh\_performance.storage\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this storage array row.

Column	Type	Nullable	Description
<b>name</b>	varchar(255)	true	Name of the storage array.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the storage array.
<b>model</b>	varchar(255)	true	Model of the storage array.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the storage array.
<b>serialNumber</b>	varchar(255)	true	Serial number for the storage array.
<b>microcodeVersion</b>	varchar(255)	true	Version of the firmware running on the storage array.
<b>family</b>	varchar(255)	true	Family name of the storage array (e.g. Clariion, Symmetrix etc).
<b>url</b>	varchar(255)	true	Url to this storage in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage array in <code>dwh_inventory.storage</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage.
<b>dateTk</b>	int(11)	true	TK of the date in which this storage array row was created. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	dataCenter annotation value assigned to <code>dwh_dimensions.storage_dimension</code>

## **dwh\_performance.storage\_node\_daily\_performance\_fact**

The performance daily data for storage node performance.



Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>storageNodeTk</b>	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_node_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time.
<b>totalResponseTime</b>	double	true	Total response time.
<b>totalResponseTimeMax</b>	double	true	Total max response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readIops</b>	double	true	Read io per second.

Column	Type	Nullabl e	Description
<b>writelops</b>	double	true	Write io per second.
<b>totallops</b>	double	true	Total io per second average (read+write).
<b>totallopsMax</b>	double	true	The max io per second.
<b>diskReadsReplaced</b>	double	true	Disk read replaced.
<b>cacheHitRatio</b>	double	true	Cache hit ration.
<b>utilization</b>	double	true	Utilization (%)
<b>utilizationMax</b>	double	true	Max utilization (%)
<b>portUtilization</b>	double	true	[Deprecated] Port utilization (%)
<b>portErrors</b>	bigint(20 )	true	[Deprecated] Port errors.
<b>portTraffic</b>	double	true	[Deprecated] Port traffic.
<b>accessed</b>	int(11)	true	Is storage node accessed?
<b>timestamp</b>	bigint(20 )	true	fact start timestamp, for partitioning

### **dwh\_performance.storage\_node\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this storage node row.
<b>name</b>	varchar(255)	true	Name of the storage node.
<b>identifier</b>	varchar(768)	true	Identifier of the storage node.
<b>version</b>	varchar(255)	true	Version of the storage node.
<b>model</b>	varchar(255)	true	Model of the storage node.

Column	Type	Nullable	Description
<b>serialNumber</b>	varchar(255)	true	SerialNumber of the storage node.
<b>url</b>	varchar(255)	true	Url to this storage node in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage node in <code>dwh_inventory.storage_node</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage node.
<b>dateTk</b>	int(11)	true	TK of the date in which this storage node row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.storage\_node\_hourly\_performance\_fact**

The performance hourly data for storage node performance.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>storageNodeTk</b>	int(11)	true	TK of the storage node.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_node_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMax	double	true	Total max response time.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readIops	double	true	Read io per second.
writeIops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
diskReadsReplaced	double	true	Disk read replaced.
cacheHitRatio	double	true	Cache hit ration.
utilization	double	true	Utilization (%)

Column	Type	Nullabl e	Description
<b>utilizationMax</b>	double	true	Max utilization (%)
<b>portUtilization</b>	double	true	[Deprecated] Port utilization (%)
<b>portErrors</b>	bigint(20 )	true	[Deprecated] Port errors.
<b>portTraffic</b>	double	true	[Deprecated] Port traffic.
<b>accessed</b>	int(11)	true	Is storage node accessed?
<b>timestamp</b>	bigint(20 )	true	fact start timestamp, for partitioning

### **dwh\_performance.storage\_pool\_dimension**

Column	Type	Nullabl e	Description
<b>tk</b>	int(11)	true	TK of this storage pool row.
<b>identifier</b>	varchar(768 )	true	Identifier of the device.
<b>name</b>	varchar(255 )	true	Name of the storage pool.
<b>storageName</b>	varchar(255 )	true	Name of the storage where this storage pool resides.
<b>storageIP</b>	varchar(255 )	true	IP of the storage where this storage pool resides.
<b>type</b>	varchar(255 )	true	Storage pool type (e.g., RAID, AGGREGATE, etc.).
<b>redundancy</b>	varchar(255 )	true	Storage pool redundancy.

Column	Type	Nullable	Description
<b>thinProvisioningSupported</b>	char(1)	true	Indicates whether thin provisioning is supported by the storage pool.
<b>isVirtual</b>	char(1)	true	Virtual indicates this is a frontend storage pool in array virtualization.
<b>usesFlashPools</b>	char(1)	true	Indicates whether this storage pool uses flash pools.
<b>url</b>	varchar(255)	true	Url to this storage pool in Insight Server.
<b>id</b>	int(11)	true	GUID of the storage pool in <code>dwh_inventory.storage_pool</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this storage pool.
<b>dateTk</b>	int(11)	true	TK of the date in which this storage pool row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.switch\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this switch row.
<b>wwn</b>	varchar(255)	true	WWN of the switch.
<b>name</b>	varchar(255)	true	Name of the switch.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the switch.

Column	Type	Nullable	Description
<b>model</b>	varchar(255)	true	Model of the switch.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the switch.
<b>firmware</b>	varchar(255)	true	Firmware version running on the switch.
<b>serialNumber</b>	varchar(255)	true	Serial number of the switch.
<b>npv</b>	char(1)	true	Indication whether this is an NPV switch.
<b>isGenerated</b>	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
<b>type</b>	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS', 'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')	true	Switch type.
<b>url</b>	varchar(255)	true	Url to this switch in Insight Server.
<b>id</b>	int(11)	true	GUID of the switch in <code>dwh_inventory.switch</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this switch.
<b>dateTk</b>	int(11)	true	TK of the date in which this switch row was created. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	dataCenter annotation value assigned to <code>dwh_dimensions.switch_dimension</code>
<b>switchLevel</b>	varchar(255)	true	switchLevel annotation value assigned to <code>dwh_dimensions.switch_dimension</code>

## dwh\_performance.switch\_performance\_for\_host\_hourly\_fact

The performance hourly data for host using port performance.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.time_dimension</a></li></ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.date_dimension</a></li></ul>
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.host_dimension</a></li></ul>
applicationTk	int(11)	true	TK of the representative application dimension for host. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.application_dimension</a></li></ul>
applicationGroupTk	int(11)	true	TK of the application group dimension. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.application_group_dimension</a></li></ul>
businessEntityTk	int(11)	true	TK of the business entity dimension. References: <ul style="list-style-type: none"><li>tk in <a href="#">dwh_performance.business_entity_dimension</a></li></ul>
rxTraffic	double	true	Receiving traffic (MB)



Column	Type	Nullable	Description
<b>txTraffic</b>	double	true	Transmitting traffic (MB)
<b>totalTraffic</b>	double	true	Total traffic (MB)
<b>errorRateFlag</b>	char(1)	true	Error rate flag
<b>crcErrorRateFlag</b>	char(1)	true	CRC error rate flag
<b>syncLossCount</b>	bigint(20)	true	Synchronization loss count
<b>signalLossCount</b>	bigint(20)	true	Signal loss count
<b>class3DiscardCount</b>	bigint(20)	true	Class 3 discard count
<b>frameTooShortCount</b>	bigint(20)	true	Frame too short count
<b>frameTooLongCount</b>	bigint(20)	true	Frame too long count
<b>bbCreditErrorCount</b>	bigint(20)	true	BB Credit error count
<b>rx</b>	double	true	Receive usage (%)
<b>tx</b>	double	true	Transmit usage (%)
<b>rxMax</b>	double	true	Max receive usage (%)
<b>txMax</b>	double	true	Max transmit usage (%)
<b>trafficUtilizationTotal</b>	double	true	Total traffic usage (%)
<b>trafficUtilizationTotalMax</b>	double	true	The maximum total traffic usage (%)
<b>rxLinkResets</b>	bigint(20)	true	Receive link resets

Column	Type	Nullable	Description
	)		
<b>txLinkResets</b>	bigint(20)	true	Transfer link resets
	)		
<b>balanceIndex</b>	smallint(6)	true	The host port balance index
<b>weightedBalanceIndex</b>	smallint(6)	true	The host port weighted balance index
<b>portSpeed</b>	int(11)	true	The port speed for fact
<b>portCount</b>	int(11)	true	The port count for fact
<b>portErrorsLinkFailure</b>	bigint(20)	true	Link failures count
	)		
<b>bbCreditZeroRx</b>	bigint(20)	true	Receive BBCredit zero
	)		
<b>bbCreditZeroTx</b>	bigint(20)	true	Transfer BBCredit zero
	)		
<b>bbCreditZeroMsTx</b>	double	true	[Deprecated] Transfer BBCredit zero Ms
<b>bbCreditZeroTotal</b>	bigint(20)	true	Total BBCredit zero
	)		
<b>trafficRateTx</b>	double	true	Transfer traffic rate
<b>trafficRateRx</b>	double	true	Receive traffic rate
<b>trafficRateTotal</b>	double	true	Total traffic rate
<b>trafficFrameRateTx</b>	double	true	Transfer traffic frame rate
<b>trafficFrameRateRx</b>	double	true	Receive traffic frame rate
<b>trafficFrameRateTotal</b>	double	true	Total traffic frame rate

Column	Type	Nullable	Description
<b>trafficFrameSizeAvgTx</b>	bigint(20)	true	Transfer traffic frame average size
<b>trafficFrameSizeAvgRx</b>	bigint(20)	true	Receive traffic frame average size
<b>portErrorsTimeoutDiscardTx</b>	bigint(20)	true	Transfer Timeout discard count
<b>portErrorsCrc</b>	bigint(20)	true	CRC errors count
<b>portErrorsEncln</b>	bigint(20)	true	Encoding errors inside frames
<b>portErrorsEncOut</b>	bigint(20)	true	Encoding errors outside of frames

## **dwh\_performance.switch\_performance\_for\_port\_hourly\_fact**

The performance hourly data for switch ports.

Column	Type	Nullable	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>portTk</b>	int(11)	true	TK of the port.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.port_dimension</a></li> </ul>
switchTk	int(11)	true	TK of the switch. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.switch_dimension</a></li> </ul>
fabricTk	int(11)	true	TK of the fabric. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.fabric_dimension</a></li> </ul>
connectedDeviceTk	int(11)	true	TK of connected device. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.connected_device_dimension</a></li> </ul>
connectivityType	enum('Storage', 'Host', 'ISL', 'Free', 'Generic', 'Tape', 'N/A')	true	Type of the connected device.
isl	char(1)	true	Is this port an ISL port?
rxTraffic	double	true	Receiving traffic (MB)
txTraffic	double	true	Transmitting traffic (MB)
totalTraffic	double	true	Total traffic (MB)
errorRateFlag	char(1)	true	Error rate flag
crcErrorRateFlag	char(1)	true	CRC error rate flag
syncLossCount	bigint(20)	true	Synchronization loss count
signalLossCount	bigint(20)	true	Signal loss count

Column	Type	Nullable	Description
<b>class3DiscardCount</b>	bigint(20)	true	Class 3 discard count
<b>frameTooShortCount</b>	bigint(20)	true	Frame too short count
<b>frameTooLongCount</b>	bigint(20)	true	Frame too long count
<b>bbCreditErrorCount</b>	bigint(20)	true	BB Credit error count
<b>rx</b>	double	true	Receive usage (%)
<b>tx</b>	double	true	Transmit usage (%)
<b>rxMax</b>	double	true	Max receive usage (%)
<b>txMax</b>	double	true	Max transmit usage (%)
<b>trafficUtilizationTotal</b>	double	true	Total traffic usage (%)
<b>trafficUtilizationTotalMax</b>	double	true	The maximum total traffic usage (%)
<b>rxLinkResets</b>	bigint(20)	true	Receive link resets
<b>txLinkResets</b>	bigint(20)	true	Transfer link resets
<b>portErrorsLinkFailure</b>	bigint(20)	true	Link failures count
<b>bbCreditZeroRx</b>	bigint(20)	true	Receive BBCredit zero
<b>bbCreditZeroTx</b>	bigint(20)	true	Transfer BBCredit zero
<b>bbCreditZeroMsTx</b>	double	true	[Deprecated] Transfer BBCredit zero Ms
<b>bbCreditZeroTotal</b>	bigint(20)	true	Total BBCredit zero
<b>trafficRateTx</b>	double	true	Transfer traffic rate
<b>trafficRateRx</b>	double	true	Receive traffic rate

Column	Type	Nullable	Description
<b>trafficRateTotal</b>	double	true	Total traffic rate
<b>trafficFrameRateTx</b>	double	true	Transfer traffic frame rate
<b>trafficFrameRateRx</b>	double	true	Receive traffic frame rate
<b>trafficFrameRateTotal</b>	double	true	Total traffic frame rate
<b>trafficFrameSizeAvgTx</b>	bigint(20)	true	Transfer traffic frame average size
<b>trafficFrameSizeAvgRx</b>	bigint(20)	true	Receive traffic frame average size
<b>portErrorsTimeoutDiscardTx</b>	bigint(20)	true	Transfer Timeout discard count
<b>portErrorsCrc</b>	bigint(20)	true	CRC errors count
<b>portErrorsEncIn</b>	bigint(20)	true	Encoding errors inside frames
<b>portErrorsEncOut</b>	bigint(20)	true	Encoding errors outside of frames
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

### **dw\_h\_performance.switch\_performance\_for\_storage\_hourly\_fact**

The storage port performance hourly data.

Column	Type	Nullable	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dw_h_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
rxTraffic	double	true	Receiving traffic (MB)
txTraffic	double	true	Transmitting traffic (MB)
totalTraffic	double	true	Total traffic (MB)
errorRateFlag	char(1)	true	Error rate flag
crcErrorRateFlag	char(1)	true	CRC error rate flag
syncLossCount	bigint(20)	true	Synchronization loss count
signalLossCount	bigint(20)	true	Signal loss count
class3DiscardCount	bigint(20)	true	Class 3 discard count
frameTooShortCount	bigint(20)	true	Frame too short count
frameTooLongCount	bigint(20)	true	Frame too long count
bbCreditErrorCount	bigint(20)	true	BB Credit error count
rx	double	true	Receive usage (%)
tx	double	true	Transmit usage (%)
rxMax	double	true	Max receive usage (%)
txMax	double	true	Max transmit usage (%)
trafficUtilizationTotal	double	true	Total traffic usage (%)

Column	Type	Nullabl e	Description
<b>trafficUtilizationTotalMax</b>	double	true	The maximum total traffic usage (%)
<b>rxLinkResets</b>	bigint(20)	true	Receive link resets
<b>txLinkResets</b>	bigint(20)	true	Transfer link resets
<b>balanceIndex</b>	smallint(6 )	true	The host port balance index
<b>weightedBalanceIndex</b>	smallint(6 )	true	The host port weighted balance index
<b>portSpeed</b>	int(11)	true	The port speed for fact
<b>portCount</b>	int(11)	true	The port count for fact
<b>portErrorsLinkFailure</b>	bigint(20)	true	Link failures count
<b>bbCreditZeroRx</b>	bigint(20)	true	Receive BBCredit zero
<b>bbCreditZeroTx</b>	bigint(20)	true	Transfer BBCredit zero
<b>bbCreditZeroMsTx</b>	double	true	[Deprecated] Transfer BBCredit zero Ms
<b>bbCreditZeroTotal</b>	bigint(20)	true	Total BBCredit zero
<b>trafficRateTx</b>	double	true	Transfer traffic rate
<b>trafficRateRx</b>	double	true	Receive traffic rate
<b>trafficRateTotal</b>	double	true	Total traffic rate
<b>trafficFrameRateTx</b>	double	true	Transfer traffic frame rate
<b>trafficFrameRateRx</b>	double	true	Receive traffic frame rate
<b>trafficFrameRateTotal</b>	double	true	Total traffic frame rate



Column	Type	Nullabl e	Description
<b>trafficFrameSizeAvgTx</b>	bigint(20)	true	Transfer traffic frame average size
<b>trafficFrameSizeAvgRx</b>	bigint(20)	true	Receive traffic frame average size
<b>portErrorsTimeoutDiscard Tx</b>	bigint(20)	true	Transfer Timeout discard count
<b>portErrorsCrc</b>	bigint(20)	true	CRC errors count
<b>portErrorsEncln</b>	bigint(20)	true	Encoding errors inside frames
<b>portErrorsEncOut</b>	bigint(20)	true	Encoding errors outside of frames

### **dwh\_performance.switch\_performance\_for\_tape\_hourly\_fact**

The tape port performance hourly data.

Column	Type	Nullabl e	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>tapeTk</b>	int(11)	true	TK of the tape. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.tape_dimension</a></li> </ul>
<b>rxTraffic</b>	double	true	Receiving traffic (MB)

Column	Type	Nullabl e	Description
<b>txTraffic</b>	double	true	Transmitting traffic (MB)
<b>totalTraffic</b>	double	true	Total traffic (MB)
<b>errorRateFlag</b>	char(1)	true	Error rate flag
<b>crcErrorRateFlag</b>	char(1)	true	CRC error rate flag
<b>syncLossCount</b>	bigint(20)	true	Synchronization loss count
<b>signalLossCount</b>	bigint(20)	true	Signal loss count
<b>class3DiscardCount</b>	bigint(20)	true	Class 3 discard count
<b>frameTooShortCount</b>	bigint(20)	true	Frame too short count
<b>frameTooLongCount</b>	bigint(20)	true	Frame too long count
<b>bbCreditErrorCount</b>	bigint(20)	true	BB Credit error count
<b>rx</b>	double	true	Receive usage (%)
<b>tx</b>	double	true	Transmit usage (%)
<b>rxMax</b>	double	true	Max receive usage (%)
<b>txMax</b>	double	true	Max transmit usage (%)
<b>trafficUtilizationTotal</b>	double	true	Total traffic usage (%)
<b>trafficUtilizationTotalMax</b>	double	true	The maximum total traffic usage (%)
<b>rxLinkResets</b>	bigint(20)	true	Receive link resets
<b>txLinkResets</b>	bigint(20)	true	Transfer link resets
<b>balanceIndex</b>	smallint(6)	true	The host port balance index

Column	Type	Nullable	Description
	)		
<b>weightedBalanceIndex</b>	smallint(6)	true	The host port weighted balance index
<b>portSpeed</b>	int(11)	true	The port speed for fact
<b>portCount</b>	int(11)	true	The port count for fact
<b>portErrorsLinkFailure</b>	bigint(20)	true	Link failures count
<b>bbCreditZeroRx</b>	bigint(20)	true	Receive BBCredit zero
<b>bbCreditZeroTx</b>	bigint(20)	true	Transfer BBCredit zero
<b>bbCreditZeroMsTx</b>	double	true	[Deprecated] Transfer BBCredit zero Ms
<b>bbCreditZeroTotal</b>	bigint(20)	true	Total BBCredit zero
<b>trafficRateTx</b>	double	true	Transfer traffic rate
<b>trafficRateRx</b>	double	true	Receive traffic rate
<b>trafficRateTotal</b>	double	true	Total traffic rate
<b>trafficFrameRateTx</b>	double	true	Transfer traffic frame rate
<b>trafficFrameRateRx</b>	double	true	Receive traffic frame rate
<b>trafficFrameRateTotal</b>	double	true	Total traffic frame rate
<b>trafficFrameSizeAvgTx</b>	bigint(20)	true	Transfer traffic frame average size
<b>trafficFrameSizeAvgRx</b>	bigint(20)	true	Receive traffic frame average size
<b>portErrorsTimeoutDiscardTx</b>	bigint(20)	true	Transfer Timeout discard count
<b>portErrorsCrc</b>	bigint(20)	true	CRC errors count

Column	Type	Nullabl e	Description
portErrorsEncln	bigint(20)	true	Encoding errors inside frames
portErrorsEncOut	bigint(20)	true	Encoding errors outside of frames

### dwh\_performance.tape\_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this tape row.
name	varchar(255)	true	Name of the tape.
identifier	varchar(768)	true	Identifier of the device.
ip	varchar(255)	true	IP address of the tape.
manufacturer	varchar(255)	true	Manufacturer of the tape.
serialNumber	varchar(255)	true	Serial number for the tape.
id	int(11)	true	GUID of the tape in <code>dwh_inventory.tape</code> .
latest	char(1)	true	Indicates whether this row is the latest one for this tape.
dateTk	int(11)	true	TK of the date in which this tape row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### dwh\_performance.tier\_dimension

Column	Type	Nullable	Description
tk	int(11)	true	TK of this tier row.
name	varchar(255)	true	Identifying name for the tier.
sequence	int(11)	true	Sequential number of the tier as defined in

Column	Type	Nullable	Description
			<code>dwh_inventory.annotation_value</code> .
<b>cost</b>	double	true	Cost associated with this tier.
<b>id</b>	int(11)	true	GUID of the tier in <code>dwh_inventory.annotation_value</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this tier.
<b>dateTk</b>	int(11)	true	TK of the date in which this tier row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

## **dwh\_performance.time\_dimension**

Time dimension for performance fact tables.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the time dimension.
<b>hourDateTime</b>	datetime	true	The full date + hour representation for this dimension (minutes and seconds zeroed out)
<b>hour</b>	tinyint(4)	true	Hour in day, 24 hour format
<b>minute</b>	tinyint(4)	true	Minute in hour
<b>second</b>	tinyint(4)	true	Second in minute
<b>microsecond</b>	mediumint(9)	true	Microseconds in second
<b>dateTk</b>	int(11)	true	TK for the related date dimension day representative (if any) References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

## **dwh\_performance.vm\_daily\_performance\_fact**

The performance daily data for vm performance.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li></ul>
<b>hostTk</b>	int(11)	true	TK of the host. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.host_dimension</a></li></ul>
<b>vmTk</b>	int(11)	true	TK of the vm. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.vm_dimension</a></li></ul>
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.business_entity_dimension</a></li></ul>
<b>applicationTk</b>	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.application_dimension</a></li></ul>
<b>applicationGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.application_group_dimension</a></li></ul>
<b>k8sNodeTk</b>	int(11)	true	TK of the k8s node.
<b>readIops</b>	double	true	Read io per second.
<b>writeIops</b>	double	true	Write io per second.

Column	Type	Nullable	Description
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time.
<b>totalResponseTime</b>	double	true	Total response time.
<b>totalResponseTimeMax</b>	double	true	Total max response time.
<b>ipReceiveThroughput</b>	double	true	Ip Receive Throughput.
<b>ipTransmitThroughput</b>	double	true	Ip Transmit Throughput.
<b>ipTotalThroughput</b>	double	true	Ip Total Throughput.
<b>ipTotalThroughputMax</b>	double	true	The maximum ip Total Throughput.
<b>cpuUtilization</b>	double	true	CPU utilization (%)
<b>maxOfAvgCpuUtilization</b>	double	true	[Deprecated] MAX CPU utilization (%)
<b>maxOfMaxCpuUtilization</b>	double	true	MAX CPU utilization (%)
<b>memoryUtilization</b>	double	true	Memory utilization (%)

Column	Type	Nullable	Description
<b>maxOfAvgMemoryUtilization</b>	double	true	[Deprecated] MAX Memory utilization (%)
<b>maxOfMaxMemoryUtilization</b>	double	true	MAX Memory utilization (%)
<b>swapInRate</b>	double	true	Swap in rate
<b>maxOfAvgSwapInRate</b>	double	true	Max swap in rate
<b>swapOutRate</b>	double	true	Swap out rate
<b>maxOfAvgSwapOutRate</b>	double	true	Max swap out rate
<b>swapTotalRate</b>	double	true	Total swap rate
<b>swapTotalRateMax</b>	double	true	The maximum total swap rate
<b>processors</b>	int(11)	true	Number of processors of the virtual machine.
<b>memory</b>	bigint(20)	true	Memory of the virtual machine, in MB.
<b>cpuCoSchedulingDelayTimePercent</b>	double	true	CPU Co-Stop Time (%)
<b>cpuDemandToEntitlementPercent</b>	double	true	CPU Demand-To-Entitlement Ratio (%)
<b>cpuIdleTimePercent</b>	double	true	CPU Idle Time (%)
<b>waitingToBeScheduledTimePercent</b>	double	true	CPU Ready Time (%)
<b>cpuTotalWaitTimePercent</b>	double	true	CPU Wait Time (%)
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning



## dwh\_performance.vm\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this virtual machine row.
<b>name</b>	varchar(255)	true	Name of the virtual machine.
<b>naturalKey</b>	varchar(768)	true	Natural identifier of the virtual machine.
<b>os</b>	varchar(255)	true	Guest operating system.
<b>virtualCenterIp</b>	varchar(255)	true	IP address of virtual center of the virtual machine.
<b>ips</b>	varchar(4096)	true	Comma separated list of IP addresses of the virtual machine.
<b>url</b>	varchar(255)	true	Url to this virtual machine in Insight Server.
<b>id</b>	int(11)	true	GUID of the virtual machine in <code>dwh_inventory.hv_virtual_machine</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this virtual machine.
<b>dateTk</b>	int(11)	true	TK of the date in which this virtual machine row was created. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li></ul>

## dwh\_performance.vm\_hourly\_performance\_fact

The performance hourly data for vm performance.

Column	Type	Nullable	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
hostTk	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_dimension</a></li> </ul>
vmTk	int(11)	true	TK of the vm. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.vm_dimension</a></li> </ul>
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.business_entity_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
k8sNodeTk	int(11)	true	TK of the k8s node.
readIops	double	true	Read io per second.
writeIops	double	true	Write io per second.

Column	Type	Nullable	Description
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time.
<b>totalResponseTime</b>	double	true	Total response time.
<b>totalResponseTimeMax</b>	double	true	Total max response time.
<b>ipReceiveThroughput</b>	double	true	Ip Receive Throughput.
<b>ipTransmitThroughput</b>	double	true	Ip Transmit Throughput.
<b>ipTotalThroughput</b>	double	true	Ip Total Throughput.
<b>ipTotalThroughputMax</b>	double	true	The maximum ip Total Throughput.
<b>cpuUtilization</b>	double	true	CPU utilization (%)
<b>memoryUtilization</b>	double	true	Memory utilization (%)
<b>cpuUtilizationMax</b>	double	true	The maximum CPU utilization (%)
<b>memoryUtilizationMax</b>	double	true	The maximum memory utilization (%)
<b>swapInRate</b>	double	true	Swap in rate
<b>swapOutRate</b>	double	true	Swap out rate

Column	Type	Nullable	Description
<b>swapTotalRate</b>	double	true	Total swap rate
<b>swapTotalRateMax</b>	double	true	The maximum total swap rate
<b>processors</b>	int(11)	true	Number of processors of the virtual machine.
<b>memory</b>	bigint(20)	true	Memory of the virtual machine, in MB.
<b>cpuCoSchedulingDelayTimePercent</b>	double	true	CPU Co-Stop Time (%)
<b>cpuDemandToEntitlementPercent</b>	double	true	CPU Demand-To-Entitlement Ratio (%)
<b>cpuIdleTimePercent</b>	double	true	CPU Idle Time (%)
<b>waitingToBeScheduledTimePercent</b>	double	true	CPU Ready Time (%)
<b>cpuTotalWaitTimePercent</b>	double	true	CPU Wait Time (%)
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

### **dw\_h\_performance.vmdk\_daily\_performance\_fact**

The performance daily data for vmdk performance.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li><b>tk</b> in <a href="#">dw_h_performance.date_dimension</a></li> </ul>
<b>vmdkTk</b>	int(11)	true	TK of the virtual disk.

Column	Type	Nullable	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.vmdk_dimension</a></li> </ul>
<b>dataStoreTk</b>	int(11)	true	TK of the datastore. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.datastore_dimension</a></li> </ul>
<b>vmTk</b>	int(11)	true	TK of the vm. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.vm_dimension</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>readIops</b>	double	true	Read io per second.
<b>writeIops</b>	double	true	Write io per second.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.

Column	Type	Nullable	Description
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time.
<b>totalResponseTime</b>	double	true	Total response time.
<b>totalResponseTimeMax</b>	double	true	Total max response time.
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

### **dwh\_performance.vmdk\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this virtual disk row.
<b>naturalKey</b>	varchar(768)	true	Oid of the virtual disk.
<b>name</b>	varchar(255)	true	Name of the virtual disk.
<b>type</b>	varchar(255)	true	Type of the virtual disk.
<b>url</b>	varchar(255)	true	Url to this virtual disk in Insight Server.
<b>id</b>	int(11)	true	GUID of the virtual disk in <code>dwh_inventory.hv_virtual_disk</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this virtual disk.

Column	Type	Nullable	Description
dateTk	int(11)	true	TK of the date in which this virtual disk row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

## dwh\_performance.vmdk\_hourly\_performance\_fact

The performance hourly data for vmdk performance.

Column	Type	Nullable	Description
tk	bigint(20)	true	TK of the fact.
timeTk	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.time_dimension</a></li> </ul>
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
vmdkTk	int(11)	true	TK of the virtual disk. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.vmdk_dimension</a></li> </ul>
dataStoreTk	int(11)	true	TK of the datastore. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.datastore_dimension</a></li> </ul>
vmTk	int(11)	true	TK of the vm. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.vm_dimension</a></li> </ul>
hostTk	int(11)	true	TK of the host. References:

Column	Type	Nullable	Description
			<ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
readIops	double	true	Read io per second.
writeIops	double	true	Write io per second.
totalIops	double	true	Total io per second average (read+write).
totalIopsMax	double	true	The max io per second.
readThroughput	double	true	Read throughput average.
writeThroughput	double	true	Write throughput average.
totalThroughput	double	true	Total throughput average (read+write).
totalThroughputMax	double	true	The maximum total throughput.
readResponseTime	double	true	Read response time.
writeResponseTime	double	true	Write response time.
totalResponseTime	double	true	Total response time.
totalResponseTimeMa	double	true	Total max response time.



Column	Type	Nullabl e	Description
x			
timestamp	bigint(20 )	true	fact start timestamp, for partitioning

## dwh\_performance.volume\_daily\_performance\_fact

The performance daily data for volumes.

Column	Type	Nullabl e	Description
tk	int(11)	true	TK of the fact.
dateTk	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>
volumeTk	int(11)	true	TK of the volume for performance numbers. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.volume_dimension</a></li> </ul>
storageTk	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
virtualStorageTk	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
storageNodeTk	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_node_dimension</a></li> </ul>
storagePoolTk	int(11)	true	TK of the storage pool for performance numbers.

Column	Type	Nullabl e	Description
			References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.storage_pool_dimension</a></li> </ul>
applicationTk	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
applicationGroupTk	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimensions</a></li> </ul>
hostTk	int(11)	true	TK of the host representative. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_dimension</a></li> </ul>
hostGroupTk	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_group_dimension</a></li> </ul>
tierTk	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
serviceLevelTk	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
businessEntityTk	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in</li> </ul>

Column	Type	Nullabl e	Description
			<a href="#">dwh_performance.business_entity_dimension</a>
<b>k8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroupTk</b>	int(11)	true	TK of the k8s namespace group.
<b>readResponseTime</b>	double	true	Read response time average.
<b>writeResponseTime</b>	double	true	Write response time average.
<b>totalResponseTime</b>	double	true	The maximum for average response time.
<b>totalResponseTimeMax</b>	double	true	The maximum for response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readIops</b>	double	true	Read io per second average.
<b>writeIops</b>	double	true	Write io per second average.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>readCacheHitRatio</b>	double	true	The read cache hit ratio.
<b>writeCacheHitRatio</b>	double	true	The write cache hit ratio.

Column	Type	Nullabl e	Description
<b>totalCacheHitRatio</b>	double	true	The total cache hit ratio.
<b>totalCacheHitRatioMax</b>	double	true	The maximum total cache hit ratio.
<b>writePending</b>	bigint(2 0)	true	Number of pending writes maximum for day.
<b>readIoDensity</b>	double	true	Read io density.
<b>writeIoDensity</b>	double	true	Write io density.
<b>totalIoDensity</b>	double	true	Total io density.
<b>totalIoDensityMax</b>	double	true	The maximun total io density.
<b>compressionSavingsPer cent</b>	double	true	Compression savings (%).
<b>compressionSavingsSpa ce</b>	double	true	Compression savings space.
<b>accessed</b>	int(11)	true	Is volume accessed?
<b>frontend</b>	char(1)	true	Is volume frontend?
<b>backend</b>	char(1)	true	Is volume backend?
<b>timestamp</b>	bigint(2 0)	true	fact start timestamp, for partitioning

### **dwh\_performance.volume\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this volume row.
<b>storageIdentifier</b>	varchar(768)	true	Identifier of the volume storage.
<b>name</b>	varchar(255)	true	Name of the volume.

Column	Type	Nullable	Description
<b>label</b>	varchar(255)	true	Label of the volume.
<b>thinProvisioned</b>	char(1)	true	Is volume thin provisioned?
<b>type</b>	varchar(255)	true	type of the volume.
<b>isVirtual</b>	char(1)	true	Is volume a virtual volume?
<b>meta</b>	char(1)	true	Is volume a meta volume?
<b>snapshot</b>	char(1)	true	Indicates whether this volume is a snapshot volume.
<b>technologyType</b>	enum('FC', 'ISCSI', 'UNKNOWN')	true	Specifies the technology type (FC/ISCSI/UNKNOWN).
<b>uuid</b>	varchar(255)	true	UUID of the volume.
<b>isMainframe</b>	char(1)	true	Is Mainframe volume?
<b>url</b>	varchar(255)	true	Url to this volume in Insight Server.
<b>id</b>	int(11)	true	GUID of the volume in <code>dwh_inventory.volume</code>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this volume.
<b>dateTk</b>	int(11)	true	TK of the date in which this volume row was created. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.date_dimension</a></li> </ul>

### **dwh\_performance.volume\_hourly\_performance\_fact**

The performance data for volumes.

Column	Type	Nullable	Description
<b>tk</b>	bigint(20)	true	TK of the fact.
<b>timeTk</b>	int(11)	true	TK of the time dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.time_dimension</a></li> </ul>
<b>dateTk</b>	int(11)	true	TK of the date dimension. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.date_dimension</a></li> </ul>
<b>volumeTk</b>	int(11)	true	TK of the volume for performance numbers. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.volume_dimension</a></li> </ul>
<b>storageTk</b>	int(11)	true	TK of the storage for performance numbers. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>virtualStorageTk</b>	int(11)	true	TK of the frontend array in case the capacity is on a backend array. Otherwise, the value is N/A. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_dimension</a></li> </ul>
<b>storageNodeTk</b>	int(11)	true	TK of the storage node. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_node_dimension</a></li> </ul>
<b>storagePoolTk</b>	int(11)	true	TK of the storage pool for performance numbers. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_performance.storage_pool_dimensions</a></li> </ul>

Column	Type	Nullable	Description
			<a href="#">ion</a>
<b>applicationTk</b>	int(11)	true	TK of the application representative. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_dimension</a></li> </ul>
<b>applicationGroupTk</b>	int(11)	true	TK of the application group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.application_group_dimension</a></li> </ul>
<b>hostTk</b>	int(11)	true	TK of the host representative. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_dimension</a></li> </ul>
<b>hostGroupTk</b>	int(11)	true	TK of the host group. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.host_group_dimension</a></li> </ul>
<b>tierTk</b>	int(11)	true	TK of the tier. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.tier_dimension</a></li> </ul>
<b>serviceLevelTk</b>	int(11)	true	TK of the service level. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.service_level_dimension</a></li> </ul>
<b>businessEntityTk</b>	int(11)	true	TK of the business entity. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.business_entity_dim</a></li> </ul>

Column	Type	Nullable	Description
			<a href="#">ension</a>
<b>k8sNamespaceTk</b>	int(11)	true	TK of the k8s namespace. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_performance.k8s_namespace_dimension</a></li> </ul>
<b>k8sNamespaceGroupTk</b>	int(11)	true	TK of the k8s namespace group.
<b>readResponseTime</b>	double	true	Read response time.
<b>writeResponseTime</b>	double	true	Write response time
<b>totalResponseTime</b>	double	true	The total response time.
<b>totalResponseTimeMax</b>	double	true	The maximum for response time.
<b>readThroughput</b>	double	true	Read throughput average.
<b>writeThroughput</b>	double	true	Write throughput average.
<b>totalThroughput</b>	double	true	Total throughput average (read+write).
<b>totalThroughputMax</b>	double	true	The maximum total throughput.
<b>readIops</b>	double	true	Read io per second average.
<b>writeIops</b>	double	true	Write io per second average.
<b>totalIops</b>	double	true	Total io per second average (read+write).
<b>totalIopsMax</b>	double	true	The max io per second.
<b>readCacheHitRatio</b>	double	true	The read cache hit ratio.
<b>writeCacheHitRatio</b>	double	true	The write cache hit ratio.
<b>totalCacheHitRatio</b>	double	true	The total cache hit ratio.



Column	Type	Nullable	Description
<b>totalCacheHitRatioMax</b>	double	true	The maximum total cache hit ratio.
<b>writePending</b>	bigint(20)	true	Number of pending writes.
<b>readIoDensity</b>	double	true	Read io density.
<b>writeIoDensity</b>	double	true	Write io density.
<b>totalIoDensity</b>	double	true	Total io density.
<b>totalIoDensityMax</b>	double	true	The maximum total io density.
<b>compressionSavingsPercent</b>	double	true	Compression savings (%).
<b>compressionSavingsSpace</b>	double	true	Compression savings space.
<b>accessed</b>	int(11)	true	Is volume accessed?
<b>frontend</b>	char(1)	true	Is volume frontend?
<b>backend</b>	char(1)	true	Is volume backend?
<b>timestamp</b>	bigint(20)	true	fact start timestamp, for partitioning

## dwh\_ports

### dwh\_ports.cardinals

Column	Type	Nullable	Description
<b>digit</b>	int(11)	true	A number between 0 and 99.

### dwh\_ports.connected\_device\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the device.
<b>name</b>	varchar(255)	true	Name of the device.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the device.
<b>model</b>	varchar(255)	true	Manufacturer's model of the device.
<b>type</b>	enum('Host', 'Storage', 'Switch', 'Tape', 'Generic')	true	Type of the device.
<b>firmware</b>	varchar(255)	true	Firmware version running on the device.
<b>id</b>	int(11)	true	The ID of the device. References: <ul style="list-style-type: none"> <li>• <b>id</b> in <a href="#">dwh_inventory.host</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.storage</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.switch</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.tape</a></li> <li>• <b>id</b> in <a href="#">dwh_inventory.generic_device</a></li> </ul>
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this device.

### **dwh\_ports.date\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the date object.
<b>fullDate</b>	datetime	true	Date of the date object.
<b>dayInMonth</b>	tinyint(4)	true	Day of the month for the date object. The first day of the month has value 1.

Column	Type	Nullable	Description
<b>dayInYear</b>	smallint(6)	true	Day in year of the date object. The first day of the year has value 1.
<b>dateYear</b>	smallint(6)	true	Year of the date object.
<b>yearLabel</b>	char(4)	true	Year formatted as String
<b>monthNum</b>	tinyint(4)	true	Month of the date object. January has value 1.
<b>monthLabel</b>	char(7)	true	Month formatted as String
<b>dayInWeekNum</b>	tinyint(4)	true	Day of the week for the date object. Sunday has value 1.
<b>quarter</b>	tinyint(4)	true	Quarter of the date object. First quarter has value 1.
<b>quarterLabel</b>	char(7)	true	Quarter formatted as String
<b>dayInQuarter</b>	smallint(6)	true	Day in quarter of the date object. First day of the quarter has value 1.
<b>repQuarter</b>	tinyint(4)	true	Indicates whether this date is the first date available for its quarter.
<b>repMonth</b>	tinyint(4)	true	Indicates whether this date is the first date available for its month.
<b>repWeek</b>	tinyint(4)	true	Indicates whether this date is the first date available for its week.
<b>repDay</b>	tinyint(4)	true	Indicates whether this date is the first date available for its day.
<b>repMonthOrLatest</b>	tinyint(4)	true	Indicates whether this date is the repmonth or the latest. This flag is used by Datamarts which works on monthly reps. Only difference being for the current month it is the latest
<b>sspFlag</b>	tinyint(4)	true	Indicates whether this date is used in Storage and Storage Pool Datamart. It is true for month representatives and for the last number of days as defined in configuration.

Column	Type	Nullable	Description
<b>latest</b>	char(1)	true	Indicates whether this date is the last date available in the table.
<b>future</b>	char(1)	true	Indicates whether this date is a future date (projection) or regular one.

### **dwh\_ports.port\_dimension**

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this port row.
<b>wwn</b>	varchar(255)	true	WWN of the port.
<b>name</b>	varchar(255)	true	Name of the port.
<b>gbicType</b>	varchar(255)	true	Type of GBIC (Gigabit Interface Converter) used for the port.
<b>type</b>	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>isGenerated</b>	char(1)	true	Indication whether this is a generated wwn (if we do not know the real wwn).
<b>url</b>	varchar(255)	true	Url to this port in Insight Server.
<b>id</b>	int(11)	true	GUID of the port in <code>dwh_inventory.switch_port</code> .
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this port.
<b>dateTk</b>	int(11)	true	TK of the date in which the port row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dwh_ports.date_dimension</a></li> </ul>

## dwh\_ports.ports\_fact

Fact describes a port and its connectivity.

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_ports.date_dimension</a></li></ul>
<b>switchTk</b>	int(11)	true	TK of the switch containing the port. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_ports.switch_dimension</a></li></ul>
<b>connectedDeviceTk</b>	int(11)	true	TK of the device that is connected to the port. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_ports.connected_device_dimension</a></li></ul>
<b>portTk</b>	int(11)	true	TK of the port. References: <ul style="list-style-type: none"><li>• <b>tk</b> in <a href="#">dwh_ports.port_dimension</a></li></ul>
<b>fabric</b>	varchar(255)	true	Name or WWN for the fabric (or VSAN) on which the port is configured to operate.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>connectivityType</b>	enum('Storage', 'Host', 'Switch', 'Free', 'Generic', 'Tape')	true	Type of the connected device.
<b>type</b>	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
<b>status</b>	varchar(100)	true	Status of the port. Possible values are OK,

Column	Type	Nullable	Description
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NOT\_LICENSED, ERROR, INACTIVE and UNKNOWN

### dwh\_ports.ports\_fact\_current

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of the fact.
<b>dateTk</b>	int(11)	true	TK of the date. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_ports.date_dimension</a></li> </ul>
<b>switchTk</b>	int(11)	true	TK of the switch containing the port. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_ports.switch_dimension</a></li> </ul>
<b>connectedDeviceTk</b>	int(11)	true	TK of the device that is connected to the port. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_ports.connected_device_dimension</a></li> </ul>
<b>portTk</b>	int(11)	true	TK of the port. References: <ul style="list-style-type: none"> <li>tk in <a href="#">dwh_ports.port_dimension</a></li> </ul>
<b>fabric</b>	varchar(255)	true	Name or WWN for the fabric (or VSAN) on which the port is configured to operate.
<b>speed</b>	varchar(12)	true	Speed of the port, in Gbps.
<b>connectivityType</b>	enum('Storage', 'Host', 'Switch', 'Free', 'Generic', 'Tape')	true	Type of the connected device.

Column	Type	Nullable	Description
<b>type</b>	varchar(255)	true	Port type, typically used to identify the protocol used to communicate with the other device, taken from the device itself: F-port, E-port, and so forth.
<b>status</b>	varchar(100)	true	Status of the port. Possible values are OK, NOT_LICENSED, ERROR, INACTIVE and UNKNOWN

### dwh\_ports.switch\_dimension

Column	Type	Nullable	Description
<b>tk</b>	int(11)	true	TK of this switch row.
<b>wwn</b>	varchar(255)	true	WWN of the switch.
<b>name</b>	varchar(255)	true	Name of the switch.
<b>identifier</b>	varchar(768)	true	Identifier of the device.
<b>ip</b>	varchar(255)	true	IP address of the switch.
<b>model</b>	varchar(255)	true	Model of the switch.
<b>manufacturer</b>	varchar(255)	true	Manufacturer of the switch.
<b>firmware</b>	varchar(255)	true	Firmware version running on the switch.
<b>serialNumber</b>	varchar(255)	true	Serial number of the switch.
<b>npv</b>	char(1)	true	Indication whether this is an NPV switch.
<b>isGenerated</b>	char(1)	true	Indication whether this switch does not correspond to a physical device. It is used to model one to many port connectivity.
<b>type</b>	enum('CHASSIS', 'FABRIC_LOGICAL', 'FABRIC_PHYSICAL', 'NPV_CHASSIS')	true	Switch type.

Column	Type	Nullable	Description
	'NPV_LOGICAL', 'NPV_PHYSICAL', 'NPV_HUB')		
<b>url</b>	varchar(255)	true	Url to this switch in Insight Server.
<b>id</b>	int(11)	true	GUID of the switch in <code>dw_h_inventory.switch</code>.
<b>latest</b>	char(1)	true	Indicates whether this row is the latest one for this switch.
<b>dateTk</b>	int(11)	true	TK of the date in which this switch row was created. References: <ul style="list-style-type: none"> <li>• <b>tk</b> in <a href="#">dw_h_ports.date_dimension</a></li> </ul>
<b>dataCenter</b>	varchar(255)	true	<code>Data_Center</code> annotation value assigned to the Switch.
<b>switchLevel</b>	varchar(255)	true	<code>Switch_Level</code> annotation value assigned to the Switch.