storage-service commands

ONTAP 9.8 commands

NetApp
February 11, 2024

This PDF was generated from https://docs.netapp.com/us-en/ontap-cli-98/storage-service-show.html on February 11, 2024. Always check docs.netapp.com for the latest.

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storage-service show

Display the available storage services

Availability: This command is available to *cluster* and *Vserver* administrators at the *advanced* privilege level.

Description

This command displays the available storage services.

The available storage services are defined by the type of storage making up an aggregate.

Parameters

{ [-fields <fieldname>,…]

If you specify the `-fields <fieldname>, …` parameter, the command output also includes the specified field or fields. You can use '-fields ?' to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-vserver <vserver name>] - Vserver (privilege: advanced)

Selects the available storage services for Vservers that match the parameter value.

[-storage-service <text>] - Storage Service (privilege: advanced)

Selects the available storage services whose name matches the parameter value.

[-description <text>] - Description (privilege: advanced)

Selects the available storage services whose description matches the parameter value. This field is a text description of the storage service.

[-expected-iops-per-tb <integer>] - Expected IOPS per TB (privilege: advanced)

Selects the available storage services whose expected IOPS per TB matches the parameter value. When multiplied by a number of TB, this field yields the number of IOPS nominally guaranteed by the storage service. The multiplier is either the logical used space or the provisioned size of the storage object, depending on the value of `expected-iops-allocation` .

[-expected-iops-allocation {used-space|allocated-space}] - Expected IOPS Allocation (privilege: advanced)

Selects the available storage services whose expected IOPS allocation policy matches the parameter value. The allocation policy is either *`allocated-space`* or *`used-space`* . When the expected-iops-allocation policy is *`allocated-space`* , the expected IOPS is calculated based on the size of the storage object. When the expected-iops-allocation policy is set to *`used-space`* , the expected IOPS is calculated based on the amount of data logically stored in the storage object.

[-peak-iops-per-tb <integer>] - Peak IOPS per TB (privilege: advanced)

Selects the available storage services whose peak IOPS per TB matches the parameter value. When multiplied by a number of TB, this field yields the number of IOPS for the maximum Quality of Service (QoS) throttle. The multiplier is either the logical used space or the provisioned size of the storage object, depending on the value of `peak-iops-allocation` .

[-peak-iops-allocation {used-space|allocated-space}] - Peak IOPS Allocation (privilege: advanced)

Selects the available storage services whose peak IOPS allocation policy matches the parameter value. The allocation policy is either *`allocated-space`* or *`used-space`* . When the peak-iops-allocation policy is *`allocated-space`* , the peak IOPS is calculated based on the size of the storage object. When the peak-iops-allocation policy is set to *`used-space`* , the peak IOPS is calculated based on the amount of data logically stored in the storage object.

[-absolute-min-iops <integer>] - Absolute Minimum IOPS (privilege: advanced)

Selects the available storage services whose absolute minimum IOPS matches the parameter value. This field is the minimum number of IOPS used as the Quality of Service (QoS) throttle, if larger than the values calculated using the IOPS per TB parameters.

[-target-latency <integer>] - Target Latency (ms) (privilege: advanced)

Selects the available storage service whose target latency matches the parameter value.

[-aggr-list <aggregate name>,…] - Aggregate List (privilege: advanced)

Selects the available storage services whose aggregate list matches the parameter value. The aggregates shown are the only ones used for provisioning when the corresponding Vserver and storage service are selected.

Examples

```
cluster1::*> storage-service show
Vserver Storage Service  Description
------- -------------- ----------------------------------------------
vs1
        extreme        Extreme Performance
        performance    Performance
        value          Value
3 entries were displayed.
```

The example above displays all the storage services in the cluster.

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