



application snapshot commands

ONTAP 9.3 commands

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application snapshot commands

application snapshot create

Create a snapshot for an application or protection group.

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

Description

This command creates a Snapshot copy of a specified protection-group in a given application. Every application instance also acts as a protection-group and can be treated as one.

Parameters

-vserver <vserver name> - Vserver

This specifies the Vserver that contains the application on which the snapshot is to be created.

-application <text> - Application

This specifies the name of the application where a Snapshot is to be created.

[-protection-group <text>] - Protection Group

This specifies the name of the protection-group where a Snapshot is to be created. This field is optional, and if not specified, the application itself will be treated as the protection-group.

-snapshot <snapshot name> - Snapshot

This specifies the name of the Snapshot that is to be created.

[-snapshot-consistency-type {crash|application}] - Snapshot Consistency Type

This specifies whether the snapshot being created is application consistent or crash consistent.

[-comment <text>] - Comment

This specifies a comment to be added to a Snapshot copy at the time of creation.

Examples

The following example creates a Snapshot named snap1 on a application named myapp1 on a vserver named vs of a protection-group called myapp1.

```
cluster1::> application snapshot create -vserver vs -application myapp1
-protection-group myapp1 -snapshot snap1
```

application snapshot delete

Delete a snapshot belonging to an application or protection group.

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

Description

This command deletes a Snapshot that belongs to a specified protection-group in a given application. Every application instance also acts as a protection-group and can be treated as one.

Parameters

-vserver <vserver name> - Vserver

This specifies the Vserver that contains the application on which the snapshot is to be deleted.

-application <text> - Application

This specifies the name of the application from which a Snapshot is to be deleted.

[-protection-group <text>] - Protection Group

This specifies the name of the protection-group where a Snapshot is to be deleted. This field is optional, and if not specified, the application itself will be treated as the protection-group.

-snapshot <snapshot name> - Snapshot

This specifies the name of the Snapshot that is to be deleted.

[-force <>true>] - Force Delete

If this parameter is specified, the Snapshot copy is immediately deleted without generating any confirmation messages. Otherwise the operation generates confirmation messages.

Examples

The following example deletes a Snapshot named snap1 on a application named myapp1 on a vserver named vs of a protection-group called myapp1.

```
cluster1::> application snapshot delete -vserver vs -application myapp1
-protection-group myapp1 -snapshot snap1
```

application snapshot restore

Restore an application or protection group to a snapshot.

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

Description

This command restores a Snapshot that belongs to a specified protection-group in a given application. Every application instance also acts as a protection-group and can be treated as one.

Parameters

-vserver <vserver name> - Vserver

This specifies the Vserver that contains the application on which the Snapshot is to be restored.

-application <text> - Application

This specifies the name of the application that we want to restore from a Snapshot.

[-protection-group <text>] - Protection Group

This specifies the name of the protection-group where a Snapshot is to be restored. This field is optional, and if not specified, the application itself will be treated as the protection-group.

-snapshot <snapshot name> - Snapshot

This specifies the name of the Snapshot that is to be restored.

Examples

The following example restores a Snapshot named snap1 on a application named myapp1 on a vserver named vs of a protection-group called myapp1.

```
cluster1::> application snapshot restore -vserver vs -application myapp1
-protection-group myapp1 -snapshot snap1
```

application snapshot show

Display a list of snapshots in an application or protection group.

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

Description

This command displays snapshots in a given application or protection-group.

Parameters

{ [-fields <fieldname>,...]

Specifies fields that you want included in the output. You can use `-fields ?` to display the available fields.

| [-instance] }

Specifies the display of all available fields for each selected application.

[-vserver <vserver name>] - Vserver

Selects snapshots belonging to vservers that match the parameter value.

[-application <text>] - Application

Selects snapshots with application names that match the parameter value.

[-protection-group <text>] - Protection Group

Selects snapshots with protection-groups that match the parameter value.

[-snapshot <snapshot name>] - Snapshot

Selects snapshots with names that match the parameter value.

[-create-time <Date>] - Creation Time

Selects snapshots with creation times that match the parameter value.

[-protection-group-uuid <UUID>] - Protection Group UUID

Selects applications with protection-group unique identifiers that match the parameter value.

[-application-uuid <UUID>] - Application UUID

Selects snapshots with application unique identifiers that match the parameter value.

[-snapshot-consistency-type {crash|application}] - Snapshot Consistency Type

Selects snapshots with snapshot types that match the parameter value. The type field is used to differentiate between application consistent and crash consistent snapshots.

[-comment <text>] - Comment

Selects snapshots with comments that match the parameter value.

[-is-partial {true|false}] - Partial Snapshot

Selects snapshots with partial attributes that match the parameter value. The is-partial field is used to identify if a snapshot does not exist on all application components. A partial snapshot is still a valid snapshot. It does not exist on all application components because application components were added after the snapshot was created.

Examples

```
cluster1::> application snapshot show
Vserver: vs
Application: myappl
Protection Group: myappl
Snapshot          Create Time          Type
-----
myappl_snapshot_1  Wed Dec 31 16:16:40 2017 application
```

The example above displays all snapshots in an application protection-group in the cluster.

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