application snapshot commands

ONTAP commands

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application snapshot commands

application snapshot create

(DEPRECATED)-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 is deprecated and may be removed in a future release of Data ONTAP. Use the REST interface instead.

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 or application component where a Snapshot copy 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.

`[-uuid <UUID>]` - Instance UUID

This specifies the Instance UUID 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

(DEPRECATED)-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 is deprecated and may be removed in a future release of Data ONTAP. Use the REST interface instead.

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 or application component where a Snapshot copy 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

(DEPRECATED)-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 is deprecated and may be removed in a future release of Data ONTAP. Use the REST interface instead.

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 or application component 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.

`[-foreground {true|false}]` - Execute in the Foreground

A boolean value that determines if the command executes synchronously at the command prompt in the foreground or asynchronously in the background. If this parameter is not supplied, it defaults to true and the command is executed synchronously at the command prompt.

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

(DEPRECATED)-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 is deprecated and may be removed in a future release of Data ONTAP. Use the REST interface instead.

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 or application components that match the parameter value.

[-snapshot <snapshot name>] - Snapshot

Selects snapshots with names that match the parameter value.

[-uuid <UUID>] - Instance UUID

Selects snapshots with Instance UUIDs 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: myapp1
Protection Group: myapp1
Snapshot                    Create Time           Type
------------------------------ ------------------------ -----------
myapp1_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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