statistics preset commands

ONTAP commands

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statistics preset commands

statistics preset delete

Delete an existing Performance Preset

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

Description

Deletes a performance preset configuration and all of its associated details.

Parameters

`-preset <text>` - Preset Name (privilege: advanced)

Specifies the name of the performance presets that you want to delete.

Examples

```
cluster1::*> statistics preset show
       Preset Name: asup-event
       Preset UUID: 55c03699-01db-11e2-8e3e-123478563412
           Comment: The event-based AutoSupport Data ONTAP Performance
Archive
                    preset configuration. This preset configuration is
used
                    whenever an event-based AutoSupport is triggered.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: false
     Generation ID: 0
Preset Name: asup-hourly
       Preset UUID: 56178a2a-01db-11e2-8e3e-123478563412
           Comment: The hourly AutoSupport Data ONTAP Performance Archive
                    preset configuration. This preset configuration is
used by
                    the hourly AutoSupport collection events.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: true
     Generation ID: 0
Preset Name: default
       Preset UUID: 55ac6297-01db-11e2-8e3e-123478563412
           Comment: The default Data ONTAP Performance Archive preset
                    configuration. This preset configuration includes
                    essential counters to assist in general
```

```
troubleshooting of
                    system performance.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: true
     Generation ID: 0
Preset Name: diagnostic
       Preset UUID: 561db291-01db-11e2-8e3e-123478563412
           Comment: The diagnostic Data ONTAP Performance Archive preset
                    configuration. This preset configuration includes more
                    counters at faster sample periods than the default
                    configuration to assist in troubleshooting abnormal
                    system performance.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: false
     Generation ID: 0
Preset Name: foo
       Preset UUID: 7a04f19d-02a7-11e2-8e40-123478563412
           Comment: Test preset
         Privilege: diagnostic
         Read-Only: false
   Archive Enabled: false
     Generation ID: 0

5 entries were displayed.

cluster1::*> statistics preset delete -preset foo

cluster1::*> statistics preset show
       Preset Name: asup-event
       Preset UUID: 55c03699-01db-11e2-8e3e-123478563412
           Comment: The event-based AutoSupport Data ONTAP Performance
Archive
                    preset configuration. This preset configuration is
used
                    whenever an event-based AutoSupport is triggered.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: false
     Generation ID: 0
Preset Name: asup-hourly
       Preset UUID: 56178a2a-01db-11e2-8e3e-123478563412
           Comment: The hourly AutoSupport Data ONTAP Performance Archive
                    preset configuration. This preset configuration is
used by
```

```
                    the hourly AutoSupport collection events.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: true
     Generation ID: 0
Preset Name: default
       Preset UUID: 55ac6297-01db-11e2-8e3e-123478563412
           Comment: The default Data ONTAP Performance Archive preset
                    configuration. This preset configuration includes
                    essential counters to assist in general
troubleshooting of
                    system performance.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: true
     Generation ID: 0
Preset Name: diagnostic
       Preset UUID: 561db291-01db-11e2-8e3e-123478563412
           Comment: The diagnostic Data ONTAP Performance Archive preset
                    configuration. This preset configuration includes more
                    counters at faster sample periods than the default
                    configuration to assist in troubleshooting abnormal
                    system performance.
         Privilege: diagnostic
         Read-Only: true
   Archive Enabled: false
     Generation ID: 0

4 entries were displayed.
```

statistics preset modify

Modify an existing Performance Preset

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

Description

Modifies an existing performance preset configuration. The command modifies the global properties of a preset, but does not modify the details of the preset, such as specific objects and counters sampled.

Parameters

`-preset <text>` - Preset Name (privilege: advanced)

Name of the performance preset to be modified.

[-new-name <text>] - New Preset Name (privilege: advanced)

Set preset name to the given new name.

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

Set comment to the given value.

[-privilege <PrivilegeLevel>] - Preset Privilege Level (privilege: advanced)

Set privilege level at which this preset can be viewed or modified to the given value. Possible values: admin, advanced, diagnostic.

Examples

```
cluster1::*> statistics preset show
       Preset Name: delta
       Preset UUID: 7a04f19d-02a7-11e2-8e40-123478563412
           Comment: custom preset description
         Privilege: diagnostic
         Read-Only: false
   Archive Enabled: false
     Generation ID: 0

1 entry was displayed.

cluster1::*> statistics preset modify -preset delta -comment "new comment"

cluster1::*> statistics preset show
       Preset Name: delta
       Preset UUID: 7a04f19d-02a7-11e2-8e40-123478563412
           Comment: new comment
         Privilege: diagnostic
         Read-Only: false
   Archive Enabled: false
     Generation ID: 0

1 entry was displayed.
```

statistics preset show

Display information about Performance Presets

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

Description

Displays information about performance preset configurations.

Parameters

{ [-fields <fieldname>,…]

Selects which performance preset attributes to display.

| [-instance] }

Shows details of all attributes of performance preset configuration.

[-preset <text>] - Preset Name (privilege: advanced)

Selects the performance presets that match the specified preset name.

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

Selects the performance presets that match the specified comment.

[-privilege <PrivilegeLevel>] - Preset Privilege Level (privilege: advanced)

Selects the performance presets that are available with the specified privilege.

[-is-read-only {true|false}] - Is Preset Read-Only? (privilege: advanced)

Selects the performance presets that are read-only (true) or are not read-only (false). Read-only presets cannot be modified.

[-store <text>] - Name of Store Where Data is Saved (privilege: advanced)

Selects the store where data is saved.

Examples

```
cluster1::*> statistics preset show
Preset Name          Privilege  Read-Only Comment
-------------------- ---------- ---------
-------------------------------------
aggregate_overview   admin      true      This preset configuration is used
by
                                          statistics aggregate show
command.
                                          Provides overview of aggregate
object.
disk_overview        advanced   true      This preset configuration is used
by
                                          statistics disk show command.
                                          Provides overview of disk object.
fcp_port_overview    admin      true      This preset configuration is used
by
                                          statistics port fcp show command.
                                          Provides overview of fcp port
object.
flash_pool_overview admin      true      This preset configuration is used
by
                                          statistics cache flash-pool show
                                          command. Provides overview of
flash
                                          pool object.
[...]
```

statistics preset detail show

Display information about Performance Preset Details

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

Description

Displays the specific details of each preset, including the objects sampled, the counter sample periods, and the counters sampled.

Parameters

{ [-fields <fieldname>,…]

Selects which performance preset detail attributes to display.

| [-instance] }

Displays all of the performance preset detail attributes.

[-preset <text>] - Preset Name (privilege: advanced)

Selects the performance preset details that match the specified preset name.

[-object <text>] - Performance Object (privilege: advanced)

Selects the performance preset details that match the specified object name.

[-sample-period <sample_period>] - Archive Sample period (privilege: advanced)

Selects the performance preset details that are collected at the specified sample period.

[-counter-set <text>,…] - Performance Counter Name Set (privilege: advanced)

Selects the performance preset details that match the specified counters in the counter set. Use "|" to separate multiple counters.

[-instance-filters <text>,…] - Performance Instance Filters (privilege: advanced)

Selects the performance preset details that match the specified instance filters. Use "|" to separate multiple instance filters. This field is reserved for future use.

Examples

```
cluster1::*> statistics preset detail show
                          Sample Counter        Instance
Preset Name Object        Period Set             Filters
----------- ------------ ------ --------------
--------------------------------
asup-event  aggregate    1w     instance_name, -
                                node_name,
                                process_name,
                                parent_host,
                                total_
                                transfers,
                                user_reads,
                                user_writes,
                                cp_reads,
                                user_read_
                                blocks,
                                user_write_
                                blocks,
                                cp_read_
                                blocks,
                                wv_fsid,
                                wv_vol_type,
                                wv_fsinfo_fs_
                                version,
                                wv_volinfo_fs_
                                options,
. . .
```

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