



statistics preset commands

ONTAP 9.7 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
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
flash
                                     command. Provides overview of
                                     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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