



# **statistics preset commands**

ONTAP 9.9.1 commands

NetApp

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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
              preset configuration. This preset configuration is
              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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