



statistics preset commands

ONTAP 9.11.1 commands

NetApp
May 23, 2023

Table of Contents

- statistics preset commands 1
- statistics preset delete 1
- statistics preset modify 3
- statistics preset show 4
- statistics preset detail show 6

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

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

Name of the performance preset to be modified.

[`-new-name <text>`] - New Preset Name

Set preset name to the given new name.

[`-comment <text>`] - Preset Description

Set comment to the given value.

[`-privilege <PrivilegeLevel>`] - Preset Privilege Level

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

Selects the performance presets that match the specified preset name.

[-comment <text>] - Preset Description

Selects the performance presets that match the specified comment.

[-privilege <PrivilegeLevel>] - Preset Privilege Level

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

[-is-read-only {true|false}] - Is Preset Read-Only?

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

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

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

[-object <text>] - Performance Object

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

[-sample-period <sample_period>] - Archive Sample period

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

[-counter-set <text>,...] - Performance Counter Name Set

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

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,
. . .

```

Copyright information

Copyright © 2023 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.