Display information about FPolicy configurations

ONTAP 9

NetApp
February 27, 2023

This PDF was generated from https://docs.netapp.com/us-en/ontap/nas-audit/show-commands-work-concept.html on February 27, 2023. Always check docs.netapp.com for the latest.

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Display information about FPolicy configurations

How the show commands work

It is helpful when displaying information about the FPolicy configuration to understand how the `show` commands work.

A `show` command without additional parameters displays information in a summary form. Additionally, every `show` command has the same two mutually exclusive optional parameters, `-instance` and `-fields`.

When you use the `-instance` parameter with a `show` command, the command output displays detailed information in a list format. In some cases, the detailed output can be lengthy and include more information than you need. You can use the `-fields fieldname[,fieldname…]` parameter to customize the output so that it displays information only for the fields you specify. You can identity which fields that you can specify by entering `?` after the `-fields` parameter.

> The output of a `show` command with the `-fields` parameter might display other relevant and necessary fields related to the requested fields.

Every `show` command has one or more optional parameters that filter that output and enable you to narrow the scope of information displayed in command output. You can identity which optional parameters are available for a command by entering `?` after the `show` command.

The `show` command supports UNIX-style patterns and wildcards to enable you to match multiple values in command-parameters arguments. For example, you can use the wildcard operator (*), the NOT operator (!), the OR operator (|), the range operator (integer…integer), the less-than operator (<), the greater-than operator (>), the less-than or equal to operator (<=), and the greater-than or equal to operator (>=) when specifying values.

For more information about using UNIX-style patterns and wildcards, see the Using the ONTAP command-line interface.

Commands for displaying information about FPolicy configurations

You use the `fpolicy show` commands to display information about the FPolicy configuration, including information about FPolicy external engines, events, scopes, and policies.

If you want to display information about FPolicy…	Use this command…
External engines	`vserver fpolicy policy external-engine show`
Events	`vserver fpolicy policy event show`
Scopes	`vserver fpolicy policy scope show`

Policies	`vserver fpolicy policy show`

See the man pages for the commands for more information.

Display information about FPolicy policy status

You can display information about the status for FPolicy policies to determine whether a policy is enabled, what external engine it is configured to use, what the sequence number is for the policy, and to which storage virtual machine (SVM) the FPolicy policy is associated.

About this task

If you do not specify any parameters, the command displays the following information:

- SVM name
- Policy name
- Policy sequence number
- Policy status

In addition to displaying information about policy status for FPolicy policies configured on the cluster or a specific SVM, you can use command parameters to filter the command's output by other criteria.

You can specify the `-instance` parameter to display detailed information about listed policies. Alternatively, you can use the `-fields` parameter to display only the indicated fields in the command output, or `-fields ?` to determine what fields you can use.

Step

1. Display filtered information about FPolicy policy status by using the appropriate command:

If you want to display status information about policies…	Enter the command…
On the cluster	`vserver fpolicy show`
That have the specified status	`vserver fpolicy show -status {on|off}`
On a specified SVM	`vserver fpolicy show -vserver vserver_name`
With the specified policy name	`vserver fpolicy show -policy-name policy_name`
That use the specified external engine	`vserver fpolicy show -engine engine_name`

Example

The following example displays the information about FPolicy policies on the cluster:

```
cluster1::> vserver fpolicy show
                                        Sequence
Vserver              Policy Name          Number  Status      Engine
-------------------- -------------------- --------  ---------   ---------
FPolicy              cserver_policy       -         off         eng1
vs1.example.com      v1p1                 -         off         eng2
vs1.example.com      v1p2                 -         off         native
vs1.example.com      v1p3                 -         off         native
vs1.example.com      cserver_policy       -         off         eng1
vs2.example.com      v1p1                 3         on          native
vs2.example.com      v1p2                 1         on          eng3
vs2.example.com      cserver_policy       2         on          eng1
```

Display information about enabled FPolicy policies

You can display information about enabled FPolicy policies to determine what FPolicy external engine it is configured to use, what the priority is for the policy, and to which storage virtual machine (SVM) the FPolicy policy is associated.

About this task

If you do not specify any parameters, the command displays the following information:

- SVM name
- Policy name
- Policy priority

You can use command parameters to filter the command's output by specified criteria.

Step

1. Display information about enabled FPolicy policies by using the appropriate command:

If you want to display information about enabled policies…	Enter the command…
On the cluster	`vserver fpolicy show-enabled`
On a specified SVM	`vserver fpolicy show-enabled -vserver vserver_name`
With the specified policy name	`vserver fpolicy show-enabled -policy-name policy_name`
With the specified sequence number	`vserver fpolicy show-enabled -priority integer`

Example

The following example displays the information about enabled FPolicy policies on the cluster:

```
cluster1::> vserver fpolicy show-enabled
Vserver                 Policy Name               Priority

----------------------- ------------------------- ----------
vs1.example.com         pol_native                native
vs1.example.com         pol_native2               native
vs1.example.com         pol1                      2
vs1.example.com         pol2                      4
```

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