cluster log-forwarding commands

ONTAP commands

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cluster log-forwarding commands

cluster log-forwarding create

Create a log forwarding destination

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

Description

The `cluster log-forwarding create` command creates log forwarding destinations for remote logging.

Parameters

`-destination <Remote InetAddress>` - Destination Host

Host name or IPv4 or IPv6 address of the server to forward the logs to.

`[-port <integer>]` - Destination Port

The port that the destination server listen on.

`[-protocol {udp-unencrypted|tcp-unencrypted|tcp-encrypted}]` - Log Forwarding Protocol

The protocols are used for sending messages to the destination. The protocols can be one of the following values:

- _ `udp-unencrypted` _ - User Datagram Protocol with no security
- _ `tcp-unencrypted` _ - Transmission Control Protocol with no security
- _ `tcp-encrypted` _ - Transmission Control Protocol with Transport Layer Security (TLS)

`[-verify-server {true|false}]` - Verify Destination Server Identity

When this parameter is set to `true` , the identity of the log forwarding destination is verified by validating its certificate. The value can be set to `true` only when the *`tcp-encrypted`* value is selected in the protocol field. When this value is `true` the remote server might be validated by OCSP. The OCSP validation for cluster logs is controlled with the security config ocsp enable -app audit_log and security config ocsp disable -app audit_log .

`[-facility <Syslog Facility>]` - Syslog Facility

The syslog facility to use for the forwarded logs.

`[-force <true>]` - Skip the Connectivity Test

Normally, the `cluster log-forwarding create` command checks that the destination is reachable via an ICMP ping, and fails if it is not reachable. Setting this value to `true` bypasses the ping check so that the destination can be configured when it is unreachable.

Examples

This example causes audit logs to be forwarded to a server at address 192.168.0.1, port 514 with USER facility.

```
cluster1::> cluster log-forwarding create -destination 192.168.0.1 -port
514 -facility user
```

Related Links

- security config ocsp enable
- security config ocsp disable

cluster log-forwarding delete

Delete a log forwarding destination

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

Description

The `cluster log-forwarding delete` command deletes log forwarding destinations for remote logging.

Parameters

`-destination <Remote InetAddress>` - Destination Host

Host name or IPv4 or IPv6 address of the server to delete the forwarding entry for.

`-port <integer>` - Destination Port

The port that the destination server listen on.

Examples

This example deletes the forwarding of all logs to the server at address 1.1.1.1, port 514.

```
cluster1::> cluster log-forwarding delete -destination 1.1.1.1 -port 514
```

cluster log-forwarding modify

Modify log forwarding destination settings

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

Description

The `cluster log-forwarding modify` command modifies log forwarding destinations for remote logging.

Parameters

-destination <Remote InetAddress> - Destination Host

The host name or IPv4 or IPv6 address of the server to be modified.

-port <integer> - Destination Port

The port that the destinations servers listen on.

[-verify-server {true|false}] - Verify Destination Server Identity

When this parameter is set to `true` , the identity of the log forwarding destination is verified by validating its certificate. The value can be set to `true` only when the *`tcp-encrypted`* value is selected in the protocol field. When this value is `true` the remote server might be validated by OCSP. The OCSP validation for cluster logs is controlled with the security config ocsp enable -app audit_log and security config ocsp disable -app audit_log .

[-facility <Syslog Facility>] - Syslog Facility

The syslog facility to use for the forwarded logs.

Examples

This example modifies the facility of audit logs that are forwarded to the destination server at address 192.168.0.1, port 514.

```
cluster1::> cluster log-forwarding modify -destination 192.168.0.1 -port
514 -facility local1
```

Related Links

- security config ocsp enable
- security config ocsp disable

cluster log-forwarding show

Display log forwarding destinations

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

Description

The `cluster log-forwarding show` command displays log forwarding information:

- Destination (IPv4/IPv6/hostname)
- Port number
- List of log classes
- Facility

Parameters

{ [-fields <fieldname>,…]

If you specify the `-fields <fieldname>, …` parameter, the command output also includes the specified field or fields. You can use '-fields ?' to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-destination <Remote InetAddress>] - Destination Host

If this optional parameter is specified, the command displays information about the forwarding destinations with the specified host name, IPv4 or IPv6 address.

[-port <integer>] - Destination Port

If this optional parameter is specified, the command displays information about the forwarding destinations with the specified ports.

[-protocol {udp-unencrypted|tcp-unencrypted|tcp-encrypted}] - Log Forwarding Protocol

If this optional parameter is specified, the command displays information about the forwarding destinations with the specified protocols.

[-verify-server {true|false}] - Verify Destination Server Identity

If this optional parameter is specified, the command displays information about the forwarding destinations with the specified verify-server values.

[-facility <Syslog Facility>] - Syslog Facility

If this optional parameter is specified, the command displays information about the forwarding destinations with the specified facility.

Examples

```
cluster-1::> cluster log-forwarding show
Verify  Syslog
Destination Host         Port   Protocol        Server  Facility
------------------------ ------ --------------- ------  --------
192.168.0.1              514    udp-unencrypted false   user
```

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