



# **cluster log-forwarding commands**

ONTAP 9.9.1 commands

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# Table of Contents

- cluster log-forwarding commands ..... 1
  - cluster log-forwarding create ..... 1
  - cluster log-forwarding delete ..... 2
  - cluster log-forwarding modify ..... 2
  - cluster log-forwarding show ..... 3

# 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 oosp enable](#)
- [security config oosp 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 oosp enable -app audit\\_log](#) and [security config oosp 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 oosp enable](#)
- [security config oosp 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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