

## Manage auditing configurations ONTAP 9

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# Manage auditing configurations

# Manually rotate the audit event logs

Before you can view the audit event logs, the logs must be converted to user-readable formats. If you want to view the event logs for a specific storage virtual machine (SVM) before ONTAP automatically rotates the log, you can manually rotate the audit event logs on an SVM.

### Step

1. Rotate the audit event logs by using the vserver audit rotate-log command.

```
vserver audit rotate-log -vserver vs1
```

The audit event log is saved in the SVM audit event log directory with the format specified by the auditing configuration (XML or EVTX), and can be viewed by using the appropriate application.

# Enable and disable auditing on SVMs

You can enable or disable auditing on storage virtual machines (SVMs). You might want to temporarily stop file and directory auditing by disabling auditing. You can enable auditing at any time (if an auditing configuration exists).

### What you'll need

Before you can enable auditing on the SVM, the SVM's auditing configuration must already exist.

### Create the auditing configuration

#### About this task

Disabling auditing does not delete the auditing configuration.

#### Steps

1. Perform the appropriate command:

If you want auditing to be	Enter the command
Enabled	vserver audit enable -vserver vserver_name
Disabled	vserver audit disable -vserver vserver_name

2. Verify that auditing is in the desired state:

```
vserver audit show -vserver vserver_name
```

### Examples

The following example enables auditing for SVM vs1:

The following example disables auditing for SVM vs1:

## **Display information about auditing configurations**

You can display information about auditing configurations. The information can help you determine whether the configuration is what you want in place for each SVM. The displayed information also enables you to verify whether an auditing configuration is enabled.

About this task

You can display detailed information about auditing configurations on all SVMs or you can customize what information is displayed in the output by specifying optional parameters. If you do not specify any of the optional parameters, the following is displayed:

- · SVM name to which the auditing configuration applies
- The audit state, which can be true or false

If the audit state is true, auditing is enabled. If the audit state is false, auditing is disabled.

- The categories of events to audit
- The audit log format
- The target directory where the auditing subsystem stores consolidated and converted audit logs

#### Step

1. Display information about the auditing configuration by using the vserver audit show command.

For more information about using the command, see the man pages.

#### Examples

The following example displays a summary of the auditing configuration for all SVMs:

cluster1::> vserver audit show Vserver State Event Types Log Format Target Directory vs1 false file-ops evtx /audit\_log

The following example displays, in list form, all auditing configuration information for all SVMs:

# Commands for modifying auditing configurations

If you want to change an auditing setting, you can modify the current configuration at any time, including modifying the log path destination and log format, modifying the categories of events to audit, how to automatically save log files, and specify the maximum number of log files to save.

If you want to	Use this command	
Modify the log destination path	vserver audit modify with the -destination parameter	
Modify the category of events to audit	vserver audit modify with the -events parameter	
	(i) To audit central access policy staging events, the Dynamic Access Control (DAC) SMB server option must be enabled on the storage virtual machine (SVM).	
Modify the log format	vserver audit modify with the -format parameter	
Enabling automatic saves based on internal log file size	vserver audit modify with the -rotate-size parameter	
Enabling automatic saves based on a time interval	<pre>vserver audit modify with the -rotate -schedule-month, -rotate-schedule -dayofweek, -rotate-schedule-day, -rotate -schedule-hour, and -rotate-schedule -minute parameters</pre>	
Specifying the maximum number of saved log files	vserver audit modify with the -rotate-limit parameter	

# Delete an auditing configuration

In you no longer want to audit file and directory events on the storage virtual machine (SVM) and do not want to maintain an auditing configuration on the SVM, you can delete the auditing configuration.

### Steps

1. Disable the auditing configuration:

vserver audit disable -vserver vserver\_name

vserver audit disable -vserver vs1

2. Delete the auditing configuration:

vserver audit delete -vserver vserver\_name vserver audit delete -vserver vs1

### Understand the implications of reverting the cluster

If you plan to revert the cluster, you should be aware of the revert process ONTAP follows when there are auditing-enabled storage virtual machines (SVMs) in the cluster. You must take certain actions before reverting.

### Reverting to a version of ONTAP that does not support the auditing of SMB logon and logoff events and central access policy staging events

Support for auditing of SMB logon and logoff events and for central access policy staging events starts with clustered Data ONTAP 8.3. If you are reverting to a version of ONTAP that does not support these event types and you have auditing configurations that monitor these event types, you must change the auditing configuration for those audit-enabled SVMs before reverting. You must modify the configuration so that only file-op events are audited.

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