



# **Manage node-scoped NDMP mode for FlexVol volumes**

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# Manage node-scoped NDMP mode for FlexVol volumes

## Manage node-scoped NDMP mode for FlexVol volumes overview

You can manage NDMP at the node level by using NDMP options and commands. You can modify the NDMP options by using the `options` command. You must use NDMP-specific credentials to access a storage system to perform tape backup and restore operations.

For more information about the `options` command, see the man pages.

### Related information

[Commands for managing node-scoped NDMP mode](#)

[What node-scoped NDMP mode is](#)

## Commands for managing node-scoped NDMP mode

You can use the `system services ndmp` commands to manage NDMP at a node level. Some of these commands are deprecated and will be removed in a future major release.

You can use the following NDMP commands only at the advanced privilege level:

- `system services ndmp service terminate`
- `system services ndmp service start`
- `system services ndmp service stop`
- `system services ndmp log start`
- `system services ndmp log stop`

| If you want to...                | Use this command...                        |
|----------------------------------|--|
| Enable NDMP service              | <code>system services ndmp on*</code>      |
| Disable NDMP service             | <code>system services ndmp off*</code>     |
| Display NDMP configuration       | <code>system services ndmp show*</code>    |
| Modify NDMP configuration        | <code>system services ndmp modify*</code>  |
| Display the default NDMP version | <code>system services ndmp version*</code> |

| If you want to...                                    | Use this command...                                       |
|--|---|
| Display NDMP service configuration                   | <code>system services ndmp service show</code>            |
| Modify NDMP service configuration                    | <code>system services ndmp service modify</code>          |
| Display all NDMP sessions                            | <code>system services ndmp status</code>                  |
| Display detailed information about all NDMP sessions | <code>system services ndmp probe</code>                   |
| Terminate the specified NDMP session                 | <code>system services ndmp kill</code>                    |
| Terminate all NDMP sessions                          | <code>system services ndmp kill-all</code>                |
| Change the NDMP password                             | <code>system services ndmp password*</code>               |
| Enable node-scoped NDMP mode                         | <code>system services ndmp node-scope-mode on*</code>     |
| Disable node-scoped NDMP mode                        | <code>system services ndmp node-scope-mode off*</code>    |
| Display the node-scoped NDMP mode status             | <code>system services ndmp node-scope-mode status*</code> |
| Forcefully terminate all NDMP sessions               | <code>system services ndmp service terminate</code>       |
| Start the NDMP service daemon                        | <code>system services ndmp service start</code>           |
| Stop the NDMP service daemon                         | <code>system services ndmp service stop</code>            |
| Start logging for the specified NDMP session         | <code>system services ndmp log start*</code>              |
| Stop logging for the specified NDMP session          | <code>system services ndmp log stop*</code>               |

- These commands are deprecated and will be removed in a future major release.

For more information about these commands, see the man pages for the `system services ndmp` commands.

## User authentication in a node-scoped NDMP mode

In the node-scoped NDMP mode, you must use NDMP specific credentials to access a storage system in order to perform tape backup and restore operations.

The default user ID is “root”. Before using NDMP on a node, you must ensure that you change the default NDMP password associated with the NDMP user. You can also change the default NDMP user ID.

**Related information**

[Commands for managing node-scoped NDMP mode](#)

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