



# **Manage core dumps (cluster administrators only)**

ONTAP 9

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# Manage core dumps (cluster administrators only)

When a node panics, a core dump occurs and the system creates a core dump file that technical support can use to troubleshoot the problem. You can configure or display core dump attributes. You can also save, display, segment, upload, or delete a core dump file.

You can manage core dumps in the following ways:

- Configuring core dumps and displaying the configuration settings
- Displaying basic information, the status, and attributes of core dumps

Core dump files and reports are stored in the `/mroot/etc/crash/` directory of a node. You can display the directory content by using the `system node coredump` commands or a web browser.


- Saving the core dump content and uploading the saved file to a specified location or to technical support



ONTAP prevents you from initiating the saving of a core dump file during a takeover, an aggregate relocation, or a giveback.

- Deleting core dump files that are no longer needed

## Commands for managing core dumps

You use the `system node coredump config` commands to manage the configuration of core dumps, the `system node coredump` commands to manage the core dump files, and the `system node coredump reports` commands to manage application core reports.

If you want to...	Use this command...
Configure core dumps	<code>system node coredump config modify</code>
Display the configuration settings for core dumps	<code>system node coredump config show</code>
Display basic information about core dumps	<code>system node coredump show</code>
Manually trigger a core dump when you reboot a node	<code>system node reboot</code> with both the <code>-dump</code> and <code>-skip-lif-migration-before-reboot</code> parameters <div> The <code>skip-lif-migration-before-reboot</code> parameter specifies that LIF migration prior to a reboot will be skipped.</div>

If you want to...	Use this command...
Manually trigger a core dump when you shut down a node	<pre>system node halt</pre> with both the <code>-dump</code> and <code>-skip-lif-migration-before-shutdown</code> parameters <div>  <p>The <code>skip-lif-migration-before-shutdown</code> parameter specifies that LIF migration prior to a shutdown will be skipped.</p> </div>
Save a specified core dump	<pre>system node coredump save</pre>
Save all unsaved core dumps that are on a specified node	<pre>system node coredump save-all</pre>
Generate and send an AutoSupport message with a core dump file you specify	<pre>system node autosupport invoke-core-upload</pre> <div>  <p>The <code>-uri</code> optional parameter specifies an alternate destination for the AutoSupport message.</p> </div>
Display status information about core dumps	<pre>system node coredump status</pre>
Delete a specified core dump	<pre>system node coredump delete</pre>
Delete all unsaved core dumps or all saved core files on a node	<pre>system node coredump delete-all</pre>
Display application core dump reports	<pre>system node coredump reports show</pre>
Delete an application core dump report	<pre>system node coredump reports delete</pre>

## Related information

[ONTAP 9 Commands](#)

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