



Manage core dumps (cluster administrators only)

ONTAP 9

NetApp
November 01, 2023

Table of Contents

- Manage core dumps (cluster administrators only) 1
 - Commands for managing core dumps 1

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</code> parameters
Manually trigger a core dump when you shut down a node	<code>system node halt</code> with both the <code>-dump</code> and <code>-skip-lif-migration</code> parameters
Save a specified core dump	<code>system node coredump save</code>
Save all unsaved core dumps that are on a specified node	<code>system node coredump save-all</code>

If you want to...	Use this command...
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](#)

Copyright information

Copyright © 2023 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.