



# **Preparing the netboot server to download the image**

## **ONTAP MetroCluster**

netapp-ivanad, ntap-bmegan  
April 12, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap-metrocluster/upgrade/task\\_prepare\\_the\\_netboot\\_server\\_cluster\\_mode.html](https://docs.netapp.com/us-en/ontap-metrocluster/upgrade/task_prepare_the_netboot_server_cluster_mode.html) on May 31, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Preparing the netboot server to download the image ..... 1

# Preparing the netboot server to download the image

When you are ready to prepare the netboot server, you must download the correct ONTAP netboot image from the NetApp Support Site to the netboot server and note the IP address.

- You must be able to access an HTTP server from the system before and after adding the new controller module.
- You must have access to the NetApp Support Site to download the necessary system files for your platform and your version of ONTAP.

[NetApp Support Site](#)


- Both controller modules in the HA pair must run the same version of ONTAP.


### Steps

1. Download the appropriate ONTAP software from the software download section of the NetApp Support Site and store the `<ontap_version>_image.tgz` file on a web-accessible directory.

The `<ontap_version>_image.tgz` file is used for performing a netboot of your system.

2. Change to the web-accessible directory and verify that the files you need are available.

For...	Then...
FAS2200, FAS2500, FAS3200, FAS6200, FAS/AFF8000 series systems	<div>Extract the contents of the <code>&lt;ontap_version&gt;_image.tgz</code> file to the target directory:</div> <div><pre>tar -zxvf &lt;ontap_version&gt;_image.tgz</pre></div> <div><div></div><div>If you are extracting the contents on Windows, use 7-Zip or WinRAR to extract the netboot image.</div></div> <div>Your directory listing should contain a netboot folder with a kernel file:</div> <div><pre>netboot/kernel</pre></div>

For...	Then...
All other systems	<p>Your directory listing should contain the following file:</p> <pre>&lt;ontap_version&gt;_image.tgz</pre> <div>  <p>There is no need to extract the file contents.</p> </div>

3. Determine the IP address of the existing controller module.

This address is referred to later in this procedure as *ip-address-of-existing controller*.

4. Ping *ip-address-of-existing controller* to verify that the IP address is reachable.

## Copyright Information

Copyright © 2021 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.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

## 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.