



Connecting Linux hosts to storage systems

Snapdrive for Unix

Ivana Devine
January 21, 2021

Table of Contents

Connecting Linux hosts to storage systems 1

Connecting Linux hosts to storage systems

For successful SnapDrive for UNIX operations, you must set up your storage virtual machines (SVMs, formerly known as Vservers)

- You must have assigned the aggregates that contain volumes to the SVMs aggregate list to execute the SnapDrive for UNIX operations.
- You must have one or more SVMs created to serve data from the cluster.

The IP address of the SVM management logical interface (LIF) must be mapped with the SVM name, either in the Domain Name Service (DNS) or in the `/etc/hosts` file.

Steps

1. If you are running ONTAP 8.2.2 or earlier, create a user on the cluster management server, also called adminSVM:

```
snapdrive config set -cserver csadmin_name cserver_name
```

If you are running ONTAP 8.2.3 or later, then skip this step.

2. Create a user on the data SVM:

```
snapdrive config set  
  
vsadmin_name Vserver_name
```

3. Verify that the SVM is configured in SnapDrive for UNIX:

```
snapdrive config list
```

The command lists the user name and IP address of the cluster management server and data SVM.

4. Modify the management interface path to the data interface path of the SVM:

```
snapdrive config set -mgmtpath management_interface_path data_interface_path
```

5. Verify that all data and management interfaces are configured properly:

```
snapdrive config list -mgmtpath
```

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.