



Manage local user accounts

ONTAP 9

NetApp
April 19, 2023

Table of Contents

- Manage local user accounts 1
 - Modify local user accounts 1
 - Enable or disable local user accounts 1
 - Change local user account passwords 2
 - Display information about local users 3
 - Display information about group memberships for local users 3
 - Delete local user accounts 4

Manage local user accounts

Modify local user accounts

You can modify a local user account if you want to change an existing user's full name or description, and if you want to enable or disable the user account. You can also rename a local user account if the user's name is compromised or if a name change is needed for administrative purposes.

If you want to...	Enter the command...
Modify the local user's full name	<code>vserver cifs users-and-groups local-user modify -vserver vserver_name -user -name user_name -full-name text</code> If the full name contains a space, then it must be enclosed within double quotation marks.
Modify the local user's description	<code>vserver cifs users-and-groups local-user modify -vserver vserver_name -user -name user_name -description text</code> If the description contains a space, then it must be enclosed within double quotation marks.
Enable or disable the local user account	<code>vserver cifs users-and-groups local-user modify -vserver vserver_name -user -name user_name -is-account-disabled {true false}</code>
Rename the local user account	<code>vserver cifs users-and-groups local-user rename -vserver vserver_name -user -name user_name -new-user-name new_user_name</code> When renaming a local user, the new user name must remain associated with the same CIFS server as the old user name.

Example

The following example renames the local user "CIFS_SERVER\sue" to "CIFS_SERVER\sue_new" on storage virtual machine (SVM, formerly known as Vserver) vs1:

```
cluster1::> vserver cifs users-and-groups local-user rename -user-name  
CIFS_SERVER\sue -new-user-name CIFS_SERVER\sue_new -vserver vs1
```

Enable or disable local user accounts

You enable a local user account if you want the user to be able to access data contained in the storage virtual machine (SVM) over an SMB connection. You can also disable a

local user account if you do not want that user to access SVM data over SMB.

About this task

You enable a local user by modifying the user account.

Step

1. Perform the appropriate action:

If you want to...	Enter the command...
Enable the user account	<pre>vserver cifs users-and-groups local-user modify -vserver vserver_name -user-name user_name -is-account -disabled false</pre>
Disable the user account	<pre>vserver cifs users-and-groups local-user modify -vserver vserver_name -user-name user_name -is-account -disabled true</pre>

Change local user account passwords

You can change a local user's account password. This can be useful if the user's password is compromised or if the user has forgotten the password.

Step

1. Change the password by performing the appropriate action:

```
vserver cifs users-and-groups local-user set-password -vserver vserver_name -user-name user_name
```

Example

The following example sets the password for the local user "CIFS_SERVER\sue" associated with storage virtual machine (SVM, formerly known as Vserver) vs1:

```
cluster1::> vserver cifs users-and-groups local-user set-password -user -name CIFS_SERVER\sue -vserver vs1
```

Enter the new password:

Confirm the new password:

Related information

[Enabling or disabling required password complexity for local SMB users](#)

[Displaying information about CIFS server security settings](#)

Display information about local users

You can display a list of all local users in a summary form. If you want to determine which account settings are configured for a specific user, you can display detailed account information for that user as well as the account information for multiple users. This information can help you determine if you need to modify a user's settings, and also to troubleshoot authentication or file access issues.

About this task

Information about a user's password is never displayed.

Step

1. Perform one of the following actions:

If you want to...	Enter the command...
Display information about all users on the storage virtual machine (SVM)	<code>vserver cifs users-and-groups local-user show -vserver <i>vserver_name</i></code>
Display detailed account information for a user	<code>vserver cifs users-and-groups local-user show -instance -vserver <i>vserver_name</i> -user-name <i>user_name</i></code>

There are other optional parameters that you can choose when you run the command. See the man page for more information.

Example

The following example displays information about all local users on SVM vs1:

```
cluster1::> vserver cifs users-and-groups local-user show -vserver vs1
Vserver  User Name                               Full Name      Description
-----  -
vs1      CIFS_SERVER\Administrator              James Smith    Built-in administrator
account
vs1      CIFS_SERVER\sue                        Sue    Jones
```

Display information about group memberships for local users

You can display information about which local groups that a local user belongs to. You can use this information to determine what access the user should have to files and folders. This information can be useful in determining what access rights the user should have to files and folders or when troubleshooting file access issues.

About this task

You can customize the command to display only the information that you want to see.

Step

1. Perform one of the following actions:

If you want to...	Enter the command...
Display local user membership information for a specified local user	<code>vserver cifs users-and-groups local-user show-membership -user-name <i>user_name</i></code>
Display local user membership information for the local group of which this local user is a member	<code>vserver cifs users-and-groups local-user show-membership -membership <i>group_name</i></code>
Display user membership information for local users that are associated with a specified storage virtual machine (SVM)	<code>vserver cifs users-and-groups local-user show-membership -vserver <i>vserver_name</i></code>
Display detailed information for all local users on a specified SVM	<code>vserver cifs users-and-groups local-user show-membership -instance -vserver <i>vserver_name</i></code>

Example

The following example displays the membership information for all local users on SVM vs1; user “CIFS_SERVER\Administrator” is a member of the “BUILTIN\Administrators” group, and “CIFS_SERVER\sue” is a member of “CIFS_SERVER\g1” group:

```
cluster1::> vserver cifs users-and-groups local-user show-membership
-vserver vs1
Vserver      User Name                Membership
-----
vs1          CIFS_SERVER\Administrator BUILTIN\Administrators
              CIFS_SERVER\sue         CIFS_SERVER\g1
```

Delete local user accounts

You can delete local user accounts from your storage virtual machine (SVM) if they are no longer needed for local SMB authentication to the CIFS server or for determining access rights to data contained on your SVM.

About this task

Keep the following in mind when deleting local users:

- The file system is not altered.

Windows Security Descriptors on files and directories that refer to this user are not adjusted.

- All references to local users are removed from the membership and privileges databases.
- Standard, well-known users such as Administrator cannot be deleted.

Steps

1. Determine the name of the local user account that you want to delete: `vserver cifs users-and-groups local-user show -vserver vserver_name`
2. Delete the local user: `vserver cifs users-and-groups local-user delete -vserver vserver_name -user-name username_name`
3. Verify that the user account is deleted: `vserver cifs users-and-groups local-user show -vserver vserver_name`

Example

The following example deletes the local user “CIFS_SERVER\sue” associated with SVM vs1:

```
cluster1::> vserver cifs users-and-groups local-user show -vserver vs1
```

Vserver	User Name	Full Name	Description
vs1	CIFS_SERVER\Administrator	James Smith	Built-in administrator
vs1	CIFS_SERVER\sue	Sue Jones	

```
cluster1::> vserver cifs users-and-groups local-user delete -vserver vs1
-user-name CIFS_SERVER\sue
```

```
cluster1::> vserver cifs users-and-groups local-user show -vserver vs1
```

Vserver	User Name	Full Name	Description
vs1	CIFS_SERVER\Administrator	James Smith	Built-in administrator

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.