Manage CIM server users

NetApp SMI-S Provider

NetApp
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Manage CIM server users

Overview

You can use SMI-S Provider to add and remove CIM users that are authorized to use the CIM server. You can also list all current CIM users and modify their passwords.

Before you begin

- You must already have login credentials as Administrator.
- You must already have logged in to the host system as Administrator.

Steps

1. Access NetApp SMI-S Provider.
2. Create a local user account.
3. Add the user to the Administrators group.

   For more information, see *System documentation*.

4. Complete one of the following actions:

Action	Command	Additional information
Add a CIM server user	**`cimuser -a -u user_name`**	After entering the command, enter and reenter the password when prompted.
List the current users authorized to use the CIM server	**`cimuser -l`**	NA
Change the password for a CIM server user	**`cimuser -m -u user_name`**	After entering the command, enter and reenter the new and old password when prompted.
Remove a CIM server user not authorized to use the CIM server	**`cimuser -r -u user_name`**	NA

Types of CIM users and associated operations

When using SMI-S Provider, there are various types of user that you can assign to a user to control their access to the CIM server.

Starting with this release, the Domain user is allowed to modify the SMI-S Provider user database and other configuration settings as a Domain user of the Local Administrators group.

The following table lists the supported users of the CIM server and the operations that each type can perform.

Type of user	Operations
Domain administrator of the Administrators group	SMI-S Provider configuration and user management using `cimconfig` and `cimuser` commands. For example: • Add or remove a user to or from the trust store of SMI-S Provider. • Enable, disable, or change the log level and tracing configuration. • Enable or disable the authentication engine in SMI-S Provider. Storage management and verification using `smis` and `cimcli` commands. For example: • Add or remove storage controllers or SVMs to or from a SMI-S Provider repository or database or cache. • Refresh storage controllers or SVMs in SMI-S Provider cache. • Verify storage controller or SVM management. SCVMM discovery operations using the SCVMM GUI.
Domain user of the Local Administrators group	
Local user of the Local Administrators group	
Built-in Domain Administrator user	
Built-in Local Administrator user	
Domain user of the Users group	SCVMM discovery operations using the SCVMM GUI.
Local user of the Users group	

If you have SMI-S Provider on a Windows host and changed any “Administrator” user name, you must log out of the system and then log back in. The SMI-S Windows Service inherits authentication during this time; as a result, any change to the credentials are not recognized until the administrator logs out and then logs in again.

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