



Managing Snap Creator Server

Snap Creator Framework

NetApp

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Managing Snap Creator Server

You can start, verify, and stop Snap Creator Server, as well as change the Server port, on your Windows and UNIX systems.

Starting, verifying, and stopping Snap Creator Server on Windows

You can start and stop the Snap Creator Server service, and verify whether the Snap Creator Server service is running on your Windows system.

1. If the Snap Creator graphical user interface (GUI) is not open, open it:
 - a. Enter the URL of the Snap Creator Server in a web browser: "https://IP_address:gui_port"

By default, the port is 8443.

- b. Log in by using the credentials for the Snap Creator GUI.

If the Snap Creator GUI opens, then the Snap Creator Server service is running.

2. From the command prompt, start or stop the Snap Creator Server service, or verify whether the Snap Creator Server service is running, as applicable:

If you want to...	Enter the following...
Start the Snap Creator Server service	sc start snapcreatorserverservice
Verify whether the Snap Creator Server service is running	sc query snapcreatorserverservice
Stop the Snap Creator Server service	sc stop snapcreatorserverservice

If you want to run Snap Creator in the foreground, then instead of using the `sc start` command, perform the following steps:

- a. Open a command prompt on the host where the Snap Creator Server is installed, and then navigate to the Snap Creator Server directory: `cd \install_path\scServer4.3.0\bin\`
- b. To start the Snap Creator Server, run the batch script: `scServer.bat start`

Closing the command prompt stops the Snap Creator Server service. Because the batch script (`scServer.bat`) runs Snap Creator in the foreground, the Snap Creator Server will run only as long as the command prompt is open. To run Snap Creator in the background, you should use the Snap Creator Server service command.

Starting, verifying, and stopping Snap Creator Server on UNIX

You can start and stop the Snap Creator Server service, and verify whether the Snap Creator Server service is running on your UNIX system.

1. Start the Snap Creator Server service: `install_path/scServer4.3.0/bin/scServer start`
2. Open the Snap Creator graphical user interface (GUI):
 - a. Enter the URL of the Snap Creator Server in a web browser: "https://IP_address:gui_port"

By default, the port is 8443.
 - b. Log in by using the credentials for the Snap Creator GUI.
3. Verify whether the Snap Creator Server service is running or stop the Snap Creator Server service, as applicable:

If you want to...	Enter the following...
Verify whether the Snap Creator Server service is running	<code>install_path/scServer4.3.0/bin/scServer status</code>
Stop the Snap Creator Server service	<code>install_path/scServer4.3.0/bin/scServer stop</code>

Changing the Snap Creator Server port after installation

To change the port that the Snap Creator Server uses, you can edit the `snapcreator.properties` file and restart the server.

The procedure for changing the Snap Creator Server port is the same for Windows and UNIX. The following procedure uses examples from the UNIX environment.

1. Log in to the system on which the Snap Creator Server is running, and switch to the `etc` subdirectory within the installation directory.

```
cd /install_path/scServer4.3.0/engine/etc
```

2. Using a text editor, open the `snapcreator.properties` file.
3. Change the value of the port (by default, 8443) in the following parameters to the new port:

```
...
SNAPCREATOR_STARTUP_PORT=8443
...
SNAPCREATOR_STORAGE_URL=https\://localhost\:8443/services/v1/StorageService
...

```

4. Save and close the snapcreator.properties file.
5. Restart the Snap Creator Server.

```
/install_path/scServer4.3.0/bin/scServer restart
```

Setting Snap Creator Server credentials

You can store the Snap Creator Server credentials (such as server host name or IP address, port, user, and password settings) to avoid entering the credentials on the command-line interface (CLI) multiple times. When required, you can remove the stored credentials.

The procedure for setting the Snap Creator Server credentials is the same for Windows and UNIX. The following procedure uses examples from the UNIX environment.

1. On the host where the Snap Creator Server is installed, enter the following command from the Snap Creator Server installation directory:

```
/install_path/scServer4.3/snapcreator --credentials
```

The following output is displayed, enabling you to set the default credentials for the Snap Creator Server:

```
Enter user: SCadmin

Enter password:

Enter Snap Creator server hostname or IP [localhost]:
Enter Snap Creator server port [8443]:
Enter Profile name ( or * for any profile: *
Enter Config name ( or * for any config: *
```

2. Enter the appropriate information for each entry.

After you enter your input for the Config name entry, the credentials are saved, and the following message is displayed: INFO: CLI credentials stored successfully. The credentials are stored in the snapcreator.credentials file in the .snapcreatordirectory or folder in the home directory.

3. If you want to remove the stored credentials, delete the snapcreator.credentials file.

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