



## CLI Add-On Profile

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- [Information About the CLI Add-On Profile, on page 1](#)
- [CLI Add-On Profile Restrictions, on page 1](#)
- [Create a CLI Add-On Profile, on page 2](#)
- [Edit a CLI Add-On Profile, on page 3](#)

## Information About the CLI Add-On Profile

Using a CLI add-on profile, you can specify CLI commands to execute on devices. You can execute device configurations that are not available through other configuration group features.

Commands in a CLI add-on profile operate together with the configurations provided through configuration group features. However, commands in the CLI add-on profile override configurations specified by corresponding configuration group features. One use case for the CLI add-on profile is to add commands to temporarily override a setting configured in a configuration group feature without changing the feature.

### Format

When you add commands to a CLI add-on profile, enter them as they appear in the output of the **show sdwan running-config** command.

## CLI Add-On Profile Restrictions

- Ensure that you only use configuration commands as they appear in the output of the **show sdwan running-config** command.
- Use only supported commands in the CLI add-on profile, which are the qualified commands documented in the [Cisco IOS XE Catalyst SD-WAN Qualified Command Reference](#). Using unsupported commands in the CLI add-on profile can cause errors when deploying a configuration group to devices.

# Create a CLI Add-On Profile

## Before You Begin

Ensure that there is at least one configuration group in the **Configuration Groups** list.

This procedure adds a CLI add-on profile to a configuration group that does not have one. For information about editing an existing CLI add-on profile, see [Edit a CLI Add-On Profile, on page 3](#).

## Create a CLI Add-On Profile

1. From the Cisco SD-WAN Manager menu, choose **Configuration > Configuration Groups**.
2. Adjacent to a configuration group, click ... and choose **Edit**.
3. In the **Feature Profiles - Unconfigured** area, locate **CLI Profile**.




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**Note** If the configuration group already has a CLI profile configured, this option will not appear.

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4. On the **CLI Profile** card, click **Start Configuration**.  
An **Edit Config Feature** pane opens.
5. Enter a name and, optionally, a description for a new CLI add-on profile.
6. Enter configuration commands in the **CLI Configuration** area or click **Import Config File** to import a configuration.
7. To convert a configuration value to a variable, select the value and click **Create Variable**.  
Enter the variable name, and click **Create Variable**. You can also type a variable name directly, in the format {{variable-name}}. Example: {{hostname}}
8. To encrypt a plain-text password using type 6 encryption, select the password and click **Encrypt Type 6**.

Variables enable you to enter values for the variables individually for each device when you deploy a configuration group to devices. During the deployment, you can enter values manually or using a CSV file.

In the example below, you can select the password, ABCD, and click **Encrypt Type 6** to encrypt the password.

```
server-private 10.0.0.1 key 0 ABCD
```

For more information about type 6 encryption, see [Type 6 Passwords on Cisco IOS XE SD-WAN Routers](#) in the *Cisco Catalyst SD-WAN Systems and Interfaces Configuration Guide, Cisco IOS XE Catalyst SD-WAN Release 17.x*.




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**Note** Encrypt only passwords. Encrypting a CLI command may cause a failure when deploying the configuration group to devices.

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9. Click **Save**.

## Edit a CLI Add-On Profile

### Before You Begin

Ensure that there is a configuration group with a CLI add-on profile configured, in the **Configuration Groups** list. For information about creating a CLI add-on profile, see [Create a CLI Add-On Profile, on page 2](#).

### Edit a CLI Add-On Profile

1. From the Cisco SD-WAN Manager menu, choose **Configuration > Configuration Groups**.
2. In the CLI add-on profile, adjacent to the config feature, click ... and choose **Edit Feature**.
3. Edit the configuration commands in the **CLI Configuration** area or click **Import Config File** to import a configuration.
4. To convert a configuration value to a variable, select the value and click **Create Variable**.

Enter the variable name, and click **Create Variable**. You can also type a variable name directly, in the format `{{variable-name}}`. Example: `{{hostname}}`

Variables enable you to enter values for the variables individually for each device when you deploy a configuration group to devices. During the deployment, you can enter values manually or using a CSV file.

5. To encrypt a plain-text password using type 6 encryption, select the password and click **Encrypt Type 6**.

In the example below, you can select the password, ABCD, and click **Encrypt Type 6** to encrypt the password.

```
server-private 10.0.0.1 key 0 ABCD
```

For more information about type 6 encryption, see [Type 6 Passwords on Cisco IOS XE SD-WAN Routers](#) in the *Cisco Catalyst SD-WAN Systems and Interfaces Configuration Guide, Cisco IOS XE Catalyst SD-WAN Release 17.x*.



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**Note**

Encrypt only passwords. Encrypting a CLI command may cause a failure when deploying the configuration group to devices.

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6. Click **Save**.

