

# Configure Backup in Secure Web Appliance

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## Introduction

This document describes the process of backing up and restoring the configuration in Secure Web Appliance (SWA).

## Prerequisites

### Requirements

Cisco recommends knowledge of these topics:

- Access ToGraphic User Interface (GUI)of SWA.
- Access ToCommand Line Interface (CLI)of SWA.

### Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Generate Backup From GUI

**Step 1.** From the GUI, Navigate to **System Administration** and choose **Configuration File**.

**Step 2.** Make sure **Download file to local computer to view or save** is selected.

**Step 3.** Choose **Encrypt passwords in the Configuration Files**

**Step 4.** (Optional) Choose a name for the configuration file.

**Step 5.** Click **Submit**.

## Configuration File

Configuration File:

- Download file to local computer to view or save
- Save file to this appliance (*wsa-source.cisco.local*)
- Email file to:   
Separate multiple addresses with commas. Maximum allowed characters 8192.

Password Display Options:

- Encrypt passwords in the Configuration Files
- Mask passphrases in the Configuration Files  
Note: Files with masked passphrases cannot be loaded using Load Configuration.

- Use system-generated file name
- Use user-defined file name:   
Note: ".xml" will be appended to the specified file-name automatically.

Submit

Image - Export the Configuration

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 **Caution:** If you generate the backup with a **Mask Passphrase**, you cannot import the file to SWA.

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## Automatic Backup in a Remote Location

You can configure SWA to save a copy of the current configuration in another location, while committing the new changes.

**Step 1.** From the GUI, Navigate to **System Administration** and choose **Configuration File**.

**Step 2.** In the **Configuration Backup** section, Select the check box to **Enable Config Backup**.

**Step 3.** To be able to import the configuration file to SWA, select **Yes** in **Include Passphrase in Configuration File?**

**Step 4.** Depend on your design, you can select File Transfer Protocol (**FTP**) or Secure Copy (**SCP**) as the desired protocol to save the configuration file.

**Step 5.** Click **Submit** and **commit** the changes.

Image - Automatic Configuration Backup

## Generate Backup From CLI

You can generate a configuration backup from the CLI, which stores the exported file locally on the SWA.

**Step 1.** Log in to the CLI.

**Step 2.** Run `saveconfig`.

**Step 3.** Type `2` to select the **Encrypt passwords**.

**Step 4.** (Optional) Type `N` if you want a Use user-defined file name for the exported file, else type `Y` for **Do you want the system to generate a name for the configuration file? [Y]>**.

```
SWA_CLI> saveconfig
```

Choose the password option:

1. Mask passwords (Files with masked passwords cannot be loaded using `loadconfig` command)
  2. Encrypt passwords
- ```
[1]> 2
```

```
Do you want the system to generate a name for the configuration file? [Y]>
```

```
The file S1000V-4444444444444444-AAAAAAAAAAAAA-BBBBBBBBBBBB.xml has been saved in the configuration di
```



**Tip:** The generated configuration file is stored in the configuration directory on machine, that is accessible via FTP.

## Importing the Configuration File to SWA

**Step 1.** From the GUI, Navigate to **System Administration** and choose **Configuration File**.

**Step 2.** In the **Load Configuration** section, Select **Load a configuration file from local computer**.

**Step 3.** Click **Choose File** and select the XML configuration file.

**Step 4.** (Optional) If you would like to import the Network configuration, Select the check box **Load Network Settings**.

**Step 5.** Click **Load**.

**Step 6.** Click **Continue** in the **Confirm Load Configuration** pop up.

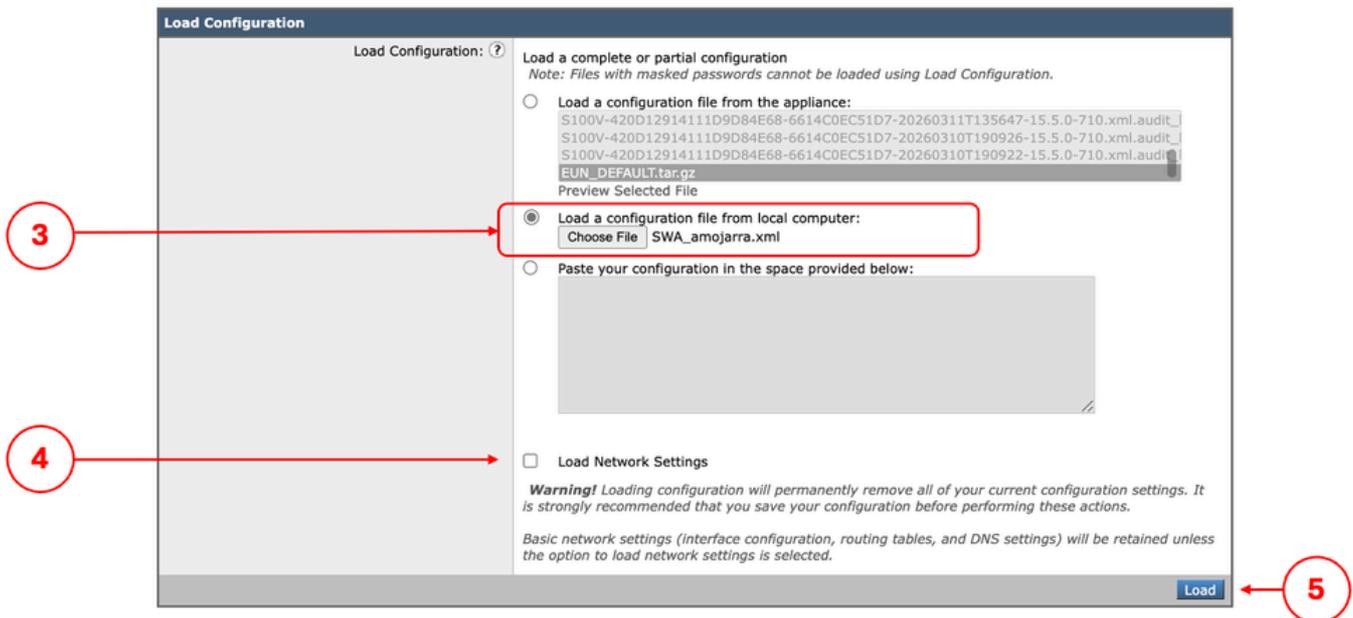


Image - Import Configuration

## Related Information

- [User Guide for AsyncOS 15.2 for Cisco Secure Web Appliance](#)
- [Secure Web Appliance Initial Setup](#)
- [Cisco Secure Email and Web Virtual Appliance Installation Guide](#)
- [Configure Custom URL Categories in Secure Web Appliance - Cisco](#)
- [Use Secure Web Appliance Best Practices](#)