Configuration Note

*AudioCodes Family of Media Gateways & Session Border Controllers*

# Configuration File Backup and Restore Procedure

HD VoIP Sounds Better

AudioCodes

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## Notice

This document describes the procedures for backing up and restoring the configuration settings of AudioCodes Mediant family of Media Gateways and Session Border Controllers (SBCs).

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## Abbreviations and Terminology

Each abbreviation, unless widely used, is spelled out in full when first used.

## Document Revision Record

| LTRT | Description |
|---|---|
| 39621 | Initial document release for Version 7.2. |

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# 1 Introduction

This document describes the procedures for backing up and restoring the configuration settings of AudioCodes Mediant family of Media Gateways and Session Border Controllers (SBCs), hereafter referred to as *device*.

**Notes:**

- When you receive your device, make sure you backup all files to a folder on your PC.
- It is the customer's responsibility to save the backup INI files after every configuration change made on the device.

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# 2 Backing up Configuration

You can back up the configuration through one of the following device management interfaces:

- Web interface (see Section 2.1 on page 9)
- CLI (see Section 2.2 on page 10)

**Note:** Make sure you have a backup copy of all auxiliary files (e.g., CPT and Dial Plan files) before you upload them to the device.

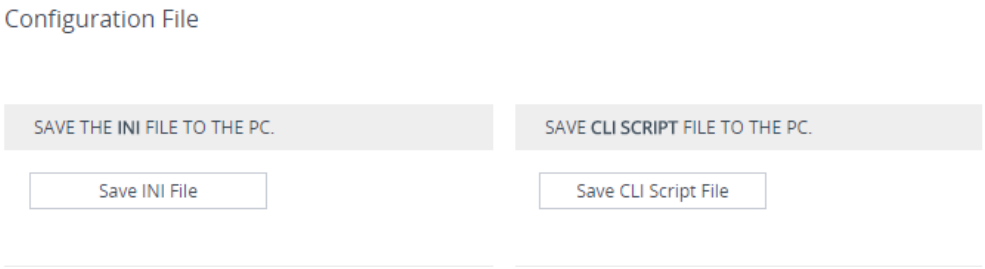
## 2.1 Backing up Configuration through Web Interface

The Web interface allows you to back up the device's configuration as an INI file or a CLI-based file (CLI script) in a folder on the PC client running the Web interface.

➢ **To back up the configuration:**

1. Open the Configuration File page:
   - **Toolbar:** From the **Actions** drop-down menu, choose **Configuration File**.
   - **Navigation tree: Setup** menu > **Administration** tab > **Maintenance** folder > **Configuration File**.

**Figure 2-1: Backing up Configuration through Web Interface**




2. Click one of the following buttons:
   - **Save INI File:** saves the configuration as an INI file.
   - **Save CLI Script File:** saves the configuration as a CLI-based file.

## 2.2 Backing up Configuration through CLI

The CLI allows you to back up the device's configuration as a CLI-based file (CLI command settings). You can back up the CLI-based file to any of the following locations:

- Remote server (HTTP, HTTPS or TFTP)
- USB stick

**Note:** The USB stick is only applicable to devices that provide USB support.

➢ **To back up the configuration:**

1. Establish a CLI serial connection with the device (e.g., Telnet).
2. Log in to the CLI.

```
Username: Admin
Password: < Password >
```

3. Access the Enable mode.

```
> enable
Password: < Enable mode password >
```

4. Enter the following command:

```
# copy cli-script to { < URL > | usb:///< File Name > }
```

| Arguments | Description |
|---|---|
| URL | Backs up the configuration to a remote server defined by a URL. The URL can be one of the following:<br>• HTTP<br>• HTTPS<br>• TFTP |
| `usb:///< File Name>` | Backs up the configuration to the USB stick connected to the device. |

# 3 Restoring Configuration

You can restore the configuration through one of the following device management interfaces:

- Web interface (see Section 3.1on page 11)
- CLI (see Section 3.2on page 12)

**Warning:** When restoring an INI file, the device resets for the settings to take effect.

## 3.1 Restoring Configuration through Web Interface

The Web interface allows you to restore the device's configuration as an INI file or a CLI-based file (CLI script) from the folder on the PC client running the Web interface, by uploading an INI file or CLI-based file.

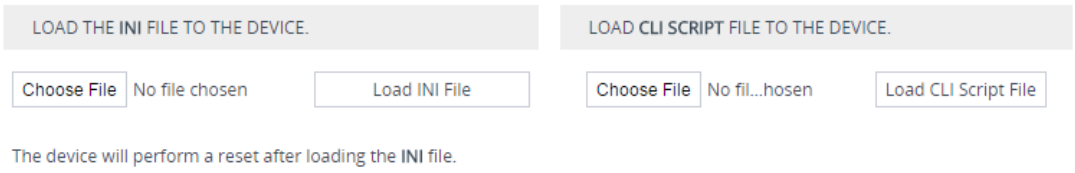
**Warning:**

- When restoring an INI file using the Configuration File page, parameters excluded from the INI file return to **default settings**. If you want to keep the device's current configuration settings and apply the settings specified in the INI file, load the file through the Auxiliary Files page.

➢ **To restore the configuration file:**

1. Open the Configuration File page:
   - **Toolbar:** From the **Actions** drop-down menu, choose **Configuration File**.
   - **Navigation tree: Setup** menu > **Administration** tab > **Maintenance** folder > **Configuration File**.

**Figure 3-1: Loading INI File using Configuration File Page**




2. Click one of the following buttons:
   - **Load INI File:** restores the configuration from the INI file.
   - **Load CLI Script File:** restores the configuration from the CLI-based file.

## 3.2 Restoring Configuration through CLI

The CLI allows you to restore the device's configuration as a CLI-based file (CLI command settings). You can restore the CLI-based file from any of the following locations:

- Remote server (HTTP, HTTPS or TFTP)
- USB stick

**Note:** The USB stick is only applicable to devices that provide USB support.

➢ **To restore the configuration:**

1. Establish a CLI serial connection with the device (e.g., Telnet).
2. Log in to the CLI.

```
Username: Admin
Password: < Password >
```

3. Access the Enable mode.

```
> enable
Password: < Enable mode password >
```

4. Enter the following command:

```
# copy cli-script from { < URL > | usb:///< File Name > }
```

| Arguments | Description |
|---|---|
| URL | Restores the configuration to a remote server defined by a URL. The URL can be one of the following:<br>• HTTP<br>• HTTPS<br>• TFTP |
| `usb:///< File Name>` | Restores the configuration to the USB stick connected to the device. |

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