

# Configure Provisioning Parameters on the Cisco IP Phone 7800 and 8800 Series Multiplatform Phones

## Objective

Provisioning parameters on the Cisco IP Phone 7800 and 8800 Series Multiplatform Phones control the resync actions, with the exception of firmware upgrades.

This article aims to show you how to configure the provisioning parameters on the Cisco IP Phone 7800 and 8800 Series Multiplatform phones.

## Applicable Devices

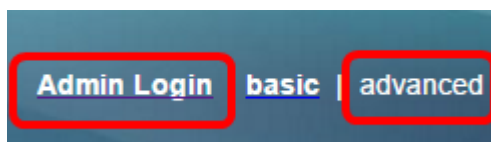
- IP Phone 7800 Series
- IP Phone 8800 Series

## Software Version

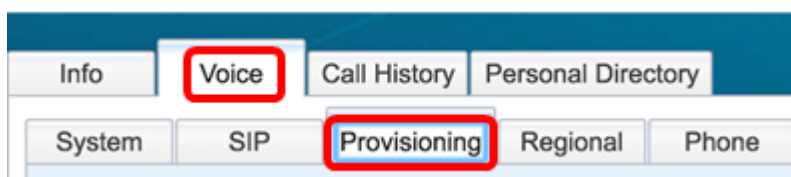
- 11.0.1

## Configure Provisioning Parameters

Step 1. Log in to the web-based utility of the IP phone and click **Admin Login > advanced**.



Step 2. Click **Voice > Provisioning**.



Step 3. Under Configuration Profile, click the drop-down menu on Provision Enable and choose **Yes** to enable remote provisioning. This will control all resync actions independently of firmware upgrade actions. This is the default setting.



Step 4. Click the drop-down menu on Resync on Reset and choose **Yes** to trigger a resync

after every reboot except for reboots that are caused by updates on firmware and parameters. This is the default setting.

Resync On Reset:	Yes
Resync At (HHmm):	Yes
Resync Periodic:	No

Step 5. Enter a value in the *Resync Random Delay* field. This value specifies the delay after the boot-up sequence before performing a reset.

**Note:** The Resync Random Delay is in units of 20 seconds per value. For example, the value of 2 represents 40 seconds.

<b>Configuration Profile</b>	
Provision Enable:	Yes
Resync Random Delay:	3

**Note:** In this example, the value entered is 3. This represents 60 seconds.

Step 6. (Optional) In the *Resync At(HHmm)* field, enter a value in hours and minutes that the device resynchronizes with the provisioning server. This is left empty by default. If the value is invalid, the parameter is ignored. However, if this parameter is set with a valid value, the Resync Periodic parameter is ignored.

Resync On Reset:	Yes
Resync At (HHmm):	

**Note:** In this example, the field is left empty.

Step 7. In the *Resync At Random Delay* field, enter a value to prevent an overload of the provisioning server when multiple phones are powered on at the same time. To avoid flooding resync requests to the server from multiple phones, the phone resynchronizes in the range between the hours and minutes, and the hours and minutes plus the random delay.

**Note:** The input value in seconds is converted to minutes, rounding up to the next minute to calculate the final random delay interval. This feature is disabled when this parameter is set to zero. The default value is 600 seconds (10 minutes). If the parameter value is set to less than 600, the default value is used.

<b>Configuration Profile</b>	
Provision Enable:	Yes
Resync Random Delay:	3
Resync At Random Delay:	600

**Note:** In this example, the value is set to 600.

Step 8. In the *Resync Periodic* field, enter a value that represents the time interval between periodic resynchronizes with the provisioning server. The associated resync timer is active only after the first successful sync with the server. Set this parameter to zero to disable

periodic resynchronization.

Resync On Reset:	Yes ▾
Resync At (HHmm):	
Resync Periodic:	3600

**Note:** In this example, the value is set to 3600. This is the default value.

Step 9. Enter a value in the *Resync Error Retry Delay* field. This enables the device to try to resync after the time specified in seconds whenever a resync operation fails due to server problems, if the downloaded file is corrupted, or an internal error occurs. If this parameter is set to 0, the device does not resync after a failed attempt.

Configuration Profile	
Provision Enable:	Yes ▾
Resync Random Delay:	3
Resync At Random Delay:	600
Resync Error Retry Delay:	3600

**Note:** In this example, the value is set to 3600. This is the default value.

Step 10. Enter a value in the *Forced Resync Delay* field. This specifies the maximum delay in seconds that the phone waits before performing a resynchronization.

Resync On Reset:	Yes ▾
Resync At (HHmm):	
Resync Periodic:	3600
Forced Resync Delay:	14400

**Note:** In this example, the value is set to 14400. This is the default value.

Step 11. Choose **Yes** in the Resync From SIP drop-down menu. This enables a resync to be triggered via a SIP NOTIFY message.

Configuration Profile	
Provision Enable:	Yes ▾
Resync Random Delay:	3
Resync At Random Delay:	600
Resync Error Retry Delay:	3600
Resync From SIP:	Yes ▾
Resync Trigger 1:	Yes
Resync Trigger 2:	No

Step 12. Choose **Yes** in the Resync After Upgrade Attempt drop-down menu to trigger a resync after each firmware upgrade attempt.

Resync On Reset:	Yes
Resync At (HHmm):	
Resync Periodic:	3600
Forced Resync Delay:	14400
Resync After Upgrade Attempt:	Yes
	<b>Yes</b>
	No

Step 13. (Optional) Enter a value in the *Resync Trigger 1* and *Resync Trigger 2* fields. This will trigger a resync when the logic equation in these parameters evaluates to TRUE. By default, these fields are empty.

Resync Trigger 1:	
Resync Trigger 2:	

**Note:** In this example, the fields are left empty.

Step 14. (Optional) Choose **Yes** in the Resync Fails on FNF drop-down menu. This will activate the error resync timer each time a “file not found” response is determined to be a failed resync attempt.

Resync Trigger 1:	
Resync Trigger 2:	
Resync Fails On FNF:	Yes
Profile Rule:	<b>Yes</b>
Profile Rule B:	No

Step 15. Click **Submit All Changes**.

Undo All Changes	<b>Submit All Changes</b>
------------------	---------------------------

You now have configured the provisioning parameters on the Cisco IP Phone 7800 and 8800 Series Multiplatform Phones.