Register Devices Overview

About Registering Devices

The chapters in this section describe the tasks that you perform to register new endpoint devices and to set up proxy TFTP servers for your endpoints and gateway devices.

You can choose to register new phones manually or use autoregistration. To register more than 100 phones, use the Bulk Administration Tool (BAT). For more information, see *Cisco Unified Communications Manager Bulk Administration Guide* at http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-maintenance-guides-list.html.

Note You cannot create new settings using BAT, but you can configure phone parameters when you use the BAT to register phones. Make sure that phone settings such as device pool, location, calling search space, button template, and softkey templates have already been configured using Cisco Unified Communications Manager Administration.

Registering Devices

Complete the following task flows to register devices for your system.

Procedure

	Command or Action	Purpose
Step 1	TFTP Server Configuration Task Flow	Configure the proxy Trivial File Transfer Protocol (TFTP) server that provides the configuration files for endpoints in your network.

	Command or Action	Purpose
Step 2	(Optional) Update Device Defaults Task Flow	Modify the device load, device pool, and the phone button template values that are applied to endpoints when they register.
Step 3	Configure Autoregistration Task Flow	Enable autoregistration for your network. Because of the inherent security risk of allowing devices to register automatically on the network, we recommend that you disable autoregistration as soon as you have registered your new endpoints.
Step 4	Manual Device Registration Task Flow	Manually register an IP phone and assign a new directory number.
Step 5	Self-Provisioning Configuration Task Flow	Optional. If you want your end users to be able to provision their own phones without the aid of an administrator, configure self-provisioning.