

5 CME Phones

Would a multiline designator be applied to an ephone or an ephone-dn?	ephone-dn
URL for the CME inbuilt (native) web GUI	http:// <ip> / ccme.html
The inbuilt GUI can't add ephones. The error message is "No new phone to add!" Why?	auto-registration must be enabled
Three reasons users are associated with DNs	<ul style="list-style-type: none"> • Call authorization / accountability • Company Directory • Presence Features (line busy)

Router IOS Command Line

<p>Using the IOS CLI, set up a router to have CME administered by the native CME web GUI</p> <ul style="list-style-type: none"> • The web files are at the top of the CF flash (no subdirectory) • Use the username/password entries on the router as GUI accounts (assume they exist) • Set up a CME-only administrator for within the GUI (name/password = fred/flintstone) • Allow time and phone extensions to be edited by the native web GUI 	<pre>ip http server ip http path flash: ip http authentication local telephony-service web admin system name fred password flintstone dn-webedit time-webedit</pre>
The inbuilt GUI can't add ephones. The error message is "No new phone to add!" Fix it	<pre>telephony-service auto-reg-ephone</pre>

Three Levels of End User

God-like control over the system (typically level 15 in IOS, where you'll almost certainly have to create it)	System Administrators
Can perform Moves, Adds and Changes (MACs) for end-user phones, but can't administer the overall system. Created in the native CME GUI	Customer Administrators
Can customize their own experience—speed dials, extension mobility, etc. Created as part of a phone's configuration	Phone Users

Native GUI Menus

Create the middle type of end user above (administered end-user phones but not the overall system)	Configure → System Parameters → Administrator's Login Account
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SCCP / SIP parallels	SCCP	SIP
IP Phone	ephone	voice register pool
Directory Number (extension)	ephone-dn	voice register dn
Telephony Configuration Mode / Prompt	telephony-service	voice register global

CCP (Cisco Configuration Professional)

Henrietta Hardluck spent 18 days using CCP to configure CME, only to find that all her changes were lost when she restarted the router. Why?	CCP writes changes to running-config, not startup-config.
Menu path to tell CME what phone types are supported (SCCP, SIP, both) and set max-ephones, max-dn, the outside line access digit and what IP address phones send registration requests to.	[Configure] Unified Communications → Telephony Settings
The name in CCP of the outside line access digit (dial 9 to get an outside line)	Secondary dial-tone digit
Menu to configure phone firmware provisioning (the “Firmware Wizard”)	[Configure] Unified Communications → Users, Phones & Extensions → Templates & Firmware → Phone Firmware → [Launch Wizard]
Menu to configure an ephone-dn	[Configure] Unified Communications → Users, Phones & Extensions → Extensions
Menu to configure a Phone and add DN's to it	[Configure] Unified Communications → Users, Phones & Extensions → Phones & Users (Phone Tab)
Menu to configure a User & their PIN	[Configure] Unified Communications → Users, Phones & Extensions → Phones & Users (User Tab)
Digits in a PIN	4-8