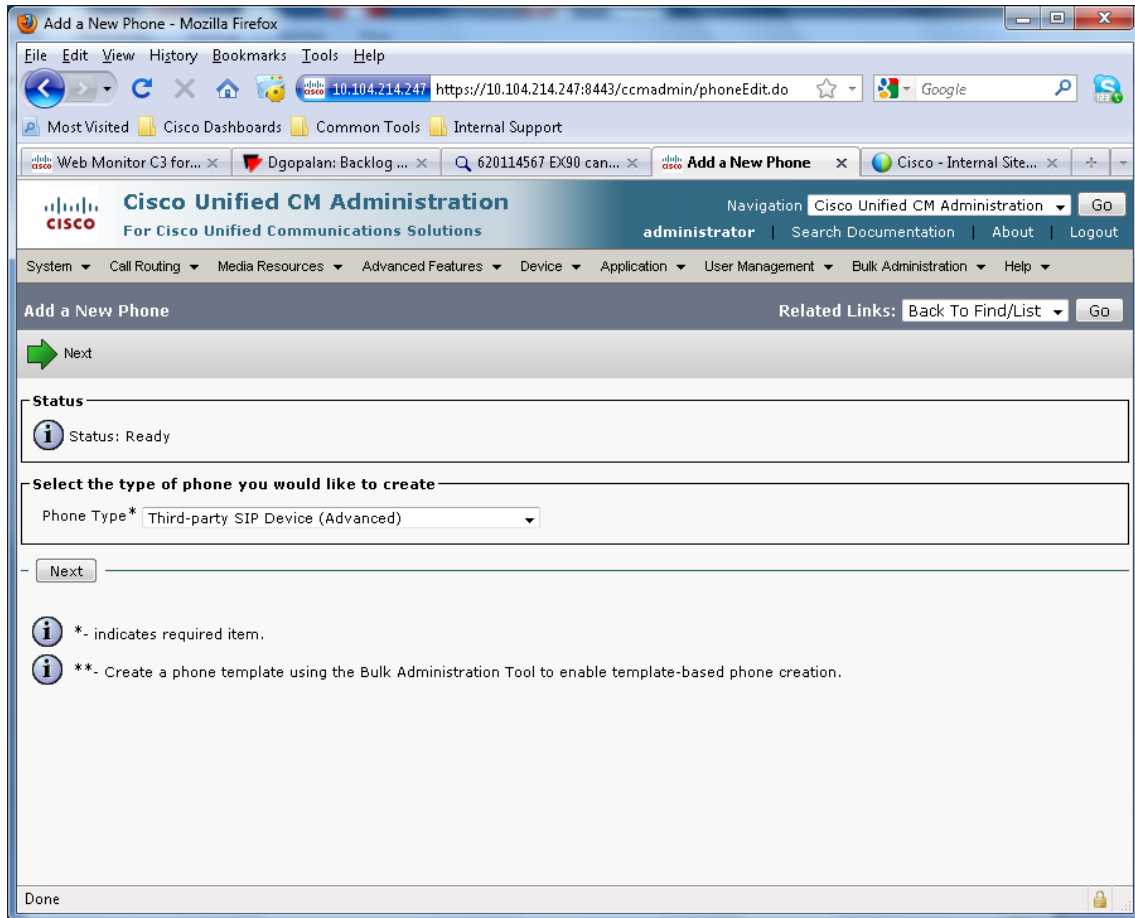


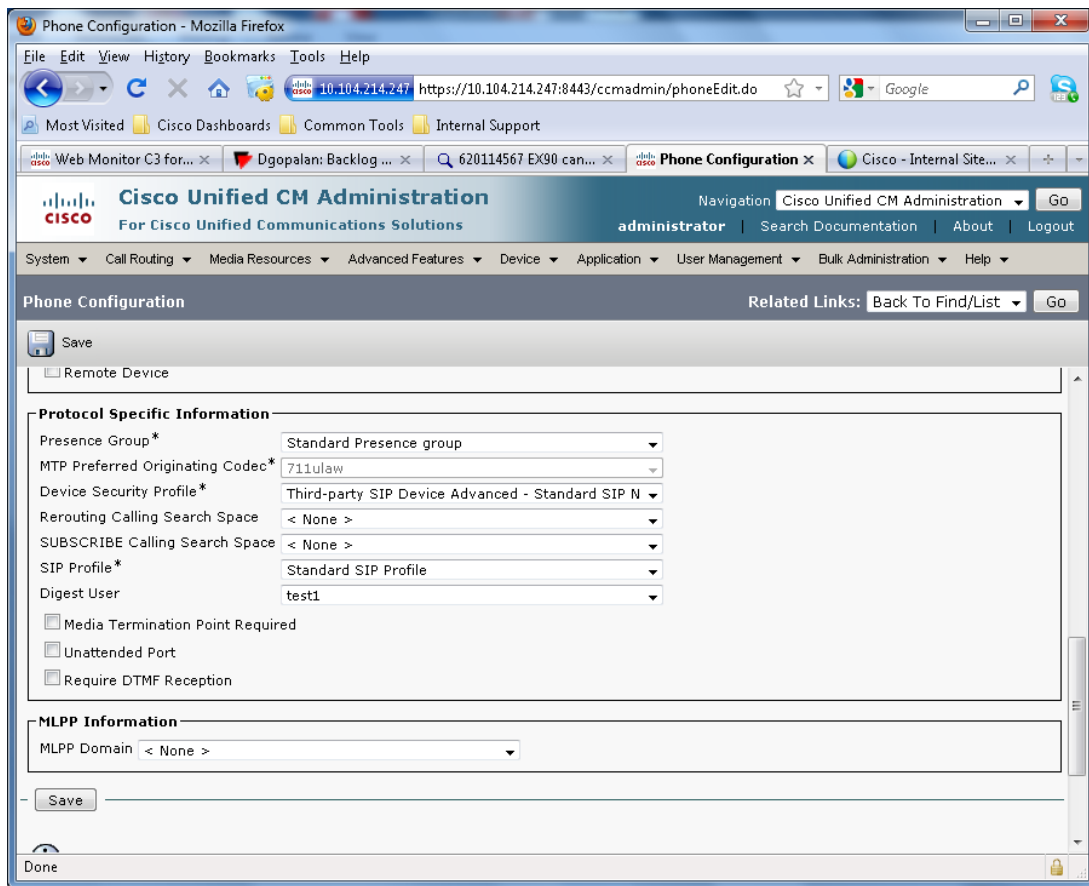
Registering C/EX series endpoints to CUCM as third party SIP device

CUCM Configurations:

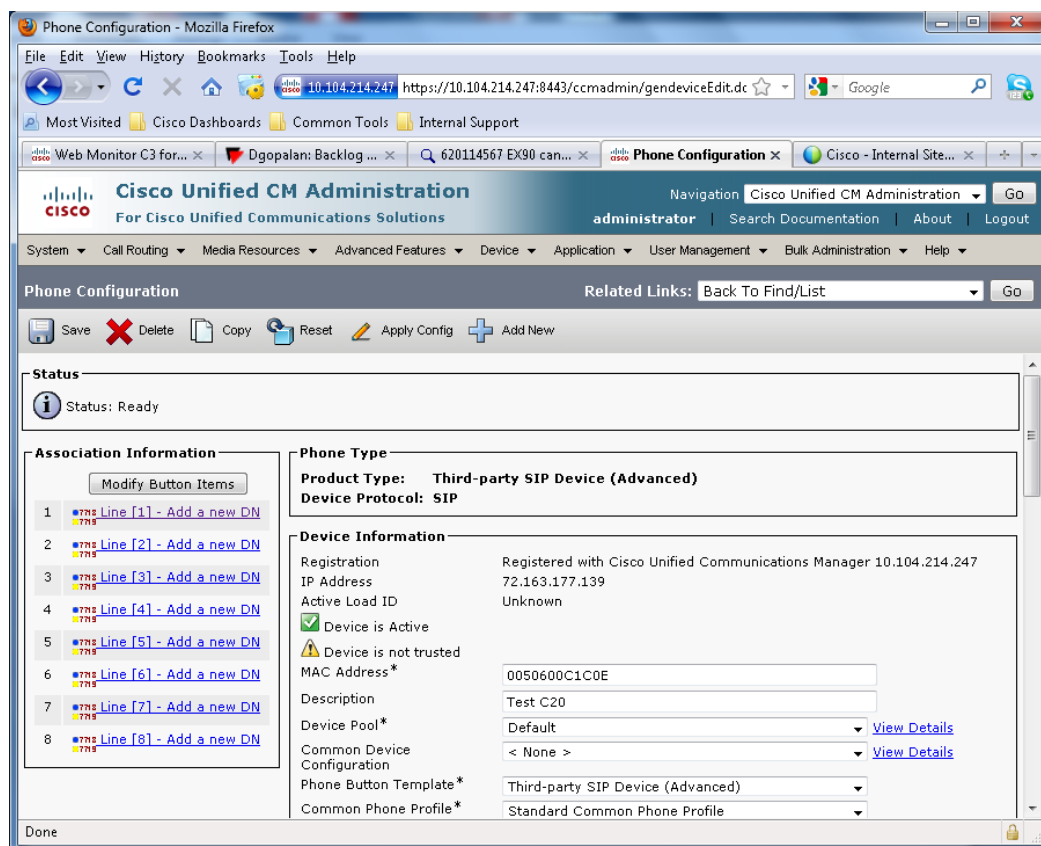
1. CUCM Admin page -> Device -> Phone -> Add New
2. Select phone type as Third Party SIP device (Advanced)



3. Enter the MAC address of C/Ex series codec, select the Device pool and Phone button template
4. Under protocol specific information, select the Device Security profile and SIP profile. Also select the Digest user for authenticating the device(Digest user need to be configured separately in CUCM End user page – Given below from Step 8)



5. Save the config and reset the device
6. Under the phone page Click on the line – Add a New DN



7. Enter the Directory Number and Click Save (select the Route Partition and Calling Search Space if required)

The screenshot shows the 'Directory Number Configuration' page in the Cisco Unified CM Administration interface. The page title is 'Directory Number Configuration - Mozilla Firefox'. The browser address bar shows the URL 'https://10.104.214.247:8443/ccmadmin/directoryNumbe'. The page header includes the Cisco logo and 'Cisco Unified CM Administration For Cisco Unified Communications Solutions'. The user is logged in as 'administrator'. The page has a navigation menu with options like 'System', 'Call Routing', 'Media Resources', 'Advanced Features', 'Device', 'Application', 'User Management', and 'Bulk Administration'. The main content area is titled 'Directory Number Configuration' and includes a 'Related Links' section with 'Configure Device (SEP0050600C1C0E)'. Below this are several sections: 'Status' (Status: Ready), 'Directory Number Information' (Directory Number*: 6400, Route Partition: <None>, Description, Alerting Name, ASCII Alerting Name, Active checkbox), and 'Directory Number Settings' (Voice Mail Profile, Calling Search Space, Presence Group*, User Hold MOH Audio Source, Network Hold MOH Audio Source). At the bottom, there is a 'Save' button and a 'Done' status indicator.

8. CUCM Admin Page -> User Management -> End User -> Add New
9. Enter the User ID , Last Name & Digest Credentials

The screenshot shows the 'End User Configuration' page in the Cisco Unified CM Administration interface. The page title is 'End User Configuration - Mozilla Firefox'. The browser address bar shows the URL 'https://10.104.214.247:8443/ccmadmin/userEdit.do'. The page header includes the Cisco logo and 'Cisco Unified CM Administration For Cisco Unified Communications Solutions'. The user is logged in as 'administrator'. The page has a navigation menu with options like 'System', 'Call Routing', 'Media Resources', 'Advanced Features', 'Device', 'Application', 'User Management', and 'Bulk Administration'. The main content area is titled 'End User Configuration' and includes a 'Related Links' section with 'Back to Find List Users'. Below this are several sections: 'User Information' (User ID*: test1, Password, Confirm Password, PIN, Confirm PIN, Last name*: test, Middle name, First name, Telephone Number, Mail ID, Manager User ID, Department, User Locale: <None>, Associated PC, Digest Credentials, Confirm Digest Credentials). At the bottom, there is a 'Save' button and a 'Done' status indicator.

10. Save User Configurations

C / EX series Codec Config:

1. Configurations -> Advanced Configurations -> SIP
2. Configure the SIP URI as **DirectoryNumber@IPAddressOfCUCM**
3. Select the Default Transport as **TCP**
4. Select the Type as **Standard**
5. Configure the CUCM IP address in the SIP proxy address
6. Configure the authentication details with the Username and Digest credentials configured in CUCM

