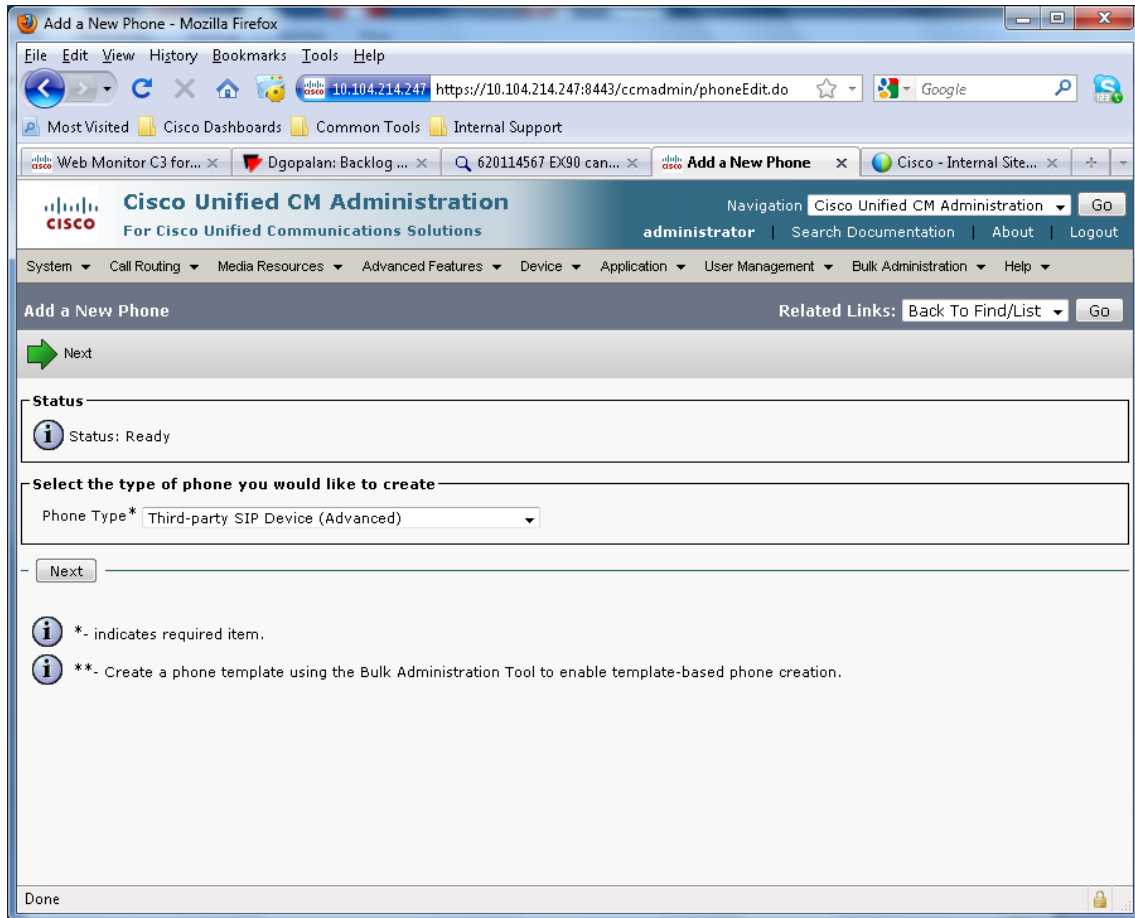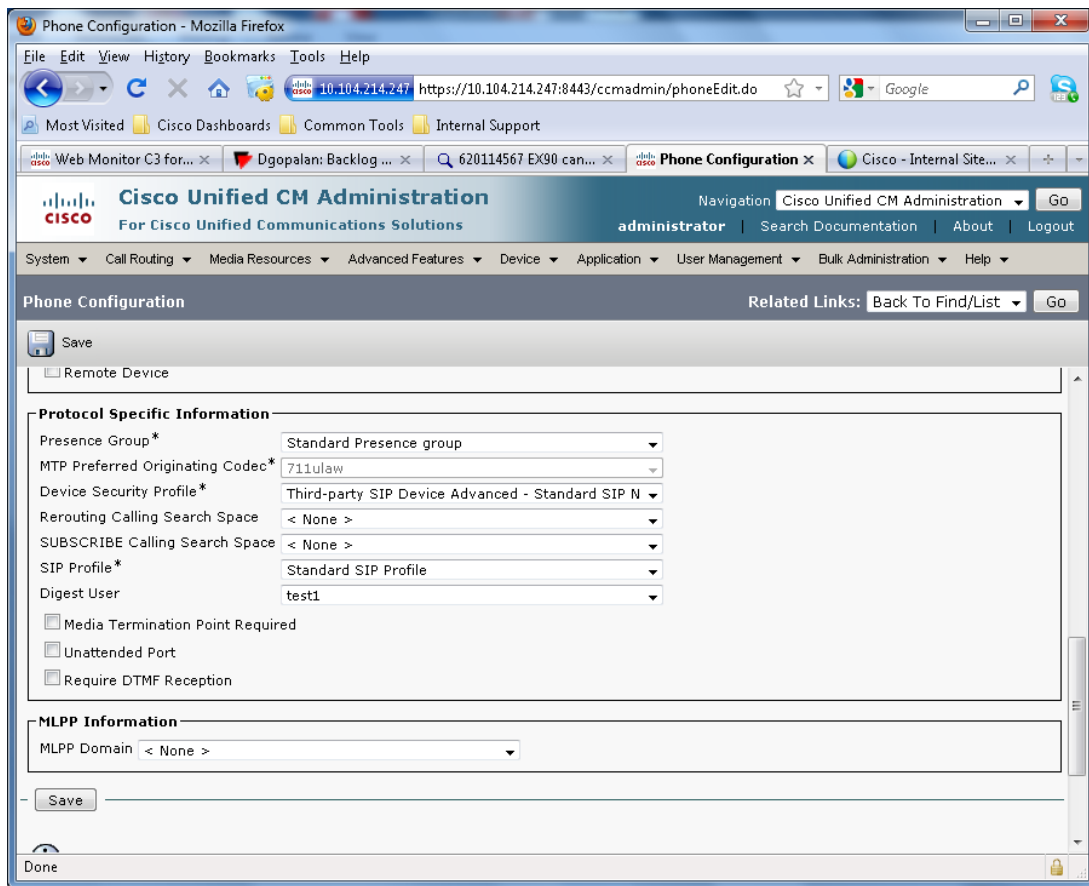# Registering C/EX series endpoints to CUCM as third party SIP device
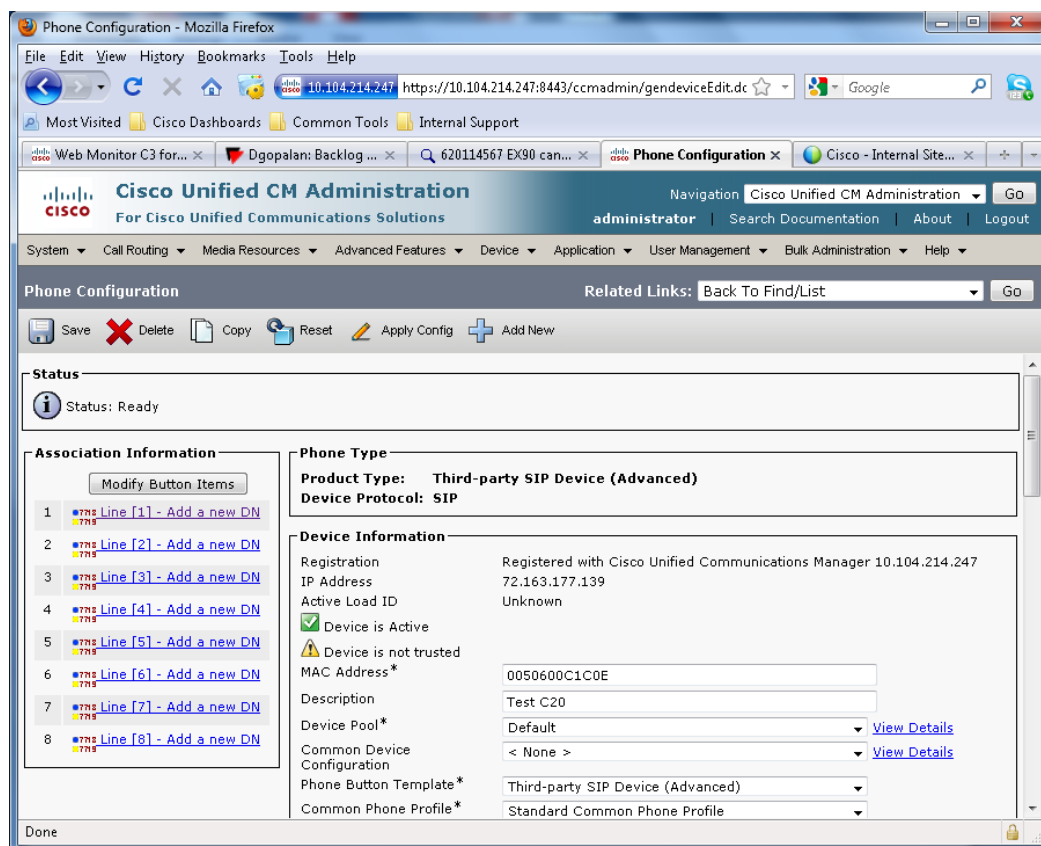
CUCM Configurations:

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)

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

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