

Config CUCM

Phones

Phone settings

- Device Pool
 - temple/group for deive config
- CUCM Group
 - list of subscriber SErvers
 - max 3 + SRST
- Region
 - defines codecs to use
- Location
 - available BW for calls
 - CAC
- Date/Time Group
 - timezone
- Phone NTP Reference
 - NTP server for SIP phones
 - local server recommended
- Device Defaults
 - Device Pool
 - Firmware
- Softkey Templates
 - Phone Button Template
 - visible softkeys
- Phone Button Template
 - for each model
- SIP Profile
- phone Security Profile
 - default no security
- Common Phone Profile
 - DND
 - Personalization
 - VPN
 - USB Port
 - Video
 - Power Saving

add

- manually
 - needs
 - MAC
 - Device Pool
 - Phone Button Template
 - Security Profile
- Auto registration
 - enable on CM Group
 - enable on CUCM server
 - set start/end number range
- BAT
 - Bulk Admin Tool
- TAPS
 - Auto registration Phone Tool
 - uses IVR

apply changes

- reset
 - reboot phone
 - firmware, CM group changes
- restart
 - unregister/register
 - rereads config from DB

reset/restart depending on made changes apply Config

End Users

types

- End users
 - used by real persons
 - Interactive logon
 - can be associated with phone
 - dial by uid
 - needs
 - uniq uid
 - last name
- application Users
 - used by application
 - not in directory
 - no LDAP, must be local

manage

- manually
 - BAT
- LDAP
 - activate in ccmservice
 - LDAP Sync
 - copy LDAP data into CUCM
 - once or scheduled
 - files in CUCM become readonly
 - doesn't copy passwords
 - MS ADS only supports full sync
 - not all attributes can be synced
 - ass Device PIN
 - Attribute Mapping
 - User ID must be uniq
 - sn needed
 - LDAP Sync Agreements
 - serach base
 - username
 - schedule
 - Server IPs
 - max 3
 - mappings
 - first time Sync
 - existing users get disabled
 - matching LDAP users are reactivated
 - new LDAP users are created
 - deactivated users deleted after 24h
 - LDAP Custom Filters
 - LDAP style filters
 - LDAP Authentication
 - Auth against LDAP

base settings

- enable services in ccmservice
- NW Services
 - NTP
 - DHCP
 - built in server max 1000 phones
 - TFTP
- Enterprise Parameters
 - clusterwide settings
- Service Parameters