

CUCM call routing

- wait 13s for next digit
- digit by digit on Phones
- en_bloc on SIP-Phones, Trunks, Gateways
- Wildcard: X
- most exact match

Pattern matching

- Route Pattern
- DNs
 - group call destinations
- Partitions
 - default partition <none>

Class of Control

- Line CSS overrides Phone CSS
- do call outing in Device CSS
- do call blocking in Line CSS

- assigned to devices/DNs
- Calling Search Space
 - top down partiton list

- DN
- Transformation Pattern
- Route Pattern
- Hunt Pilot
- Call Park Slots
- conference Calls
- Meet Me Number

destinations

- Phones
- Trunk
- Gateway
- sources
- Translation Pattern
 - transformed digits are resubmitted
- voicemail Ports

deployments

- central
 - all call signaling over CUCM Cluster
 - RTP goes Phone to Phone
 - max 1000 Location profiles
 - survivable Remote Site Telephonie
 - on site Ip to IP calls
 - backup over PSTN
 - needs digit manipulation
- SRST
 - Call Forwarding UnRegistered
 - reach branche phones over PSTN
 - on central cluster
 - number to reach branch Phone
- CFUR
- distributed deployment
 - RTP hoes Phone to Phone
 - no location based CAC
 - Signaling over both CM
 - ICT
 - H.323
 - SIP
 - use gatekeeper
- avoid DNS names
- CAC
 - Call admission Control
 - AAR
 - Automated Alternate Routing
 - route over PSTN if WAN is full
 - triggered by CAC

Routing Objects

- Route Pattern
 - match dialed number
 - forward to route-list or gateway
 - gatways can be assigned to either route-lists or pattern
- Route List
 - list of route groups
 - top down order
- Route Group
 - list of devices
 - gateways
 - trunks
 - distribute algorithm
 - top down
 - circular