

What topology can use SRST	
What triggers SRST	
How does SRST handle calls from the remote site	
What does CUCM do with the branch office phones	
What is CFUR	

Centralized CUCM Deployment

Maximum locations per cluster	
Maximum H.323 or MGCP devices per cluster	
Protocol where CUCM Limits simultaneous calls across WAN to QoS-allocated bandwidth	
Protocol triggered only by above to redial excess calls to send them across PSTN	
Recap—WAN failure call handling	
Recap—WAN full call handling	

Distributed Deployment

Given site A with phone 1 and CUCM _A and site B with phone 2 and CUCM _B , what's the call audio flow for a connected call phone 1 to phone 2	<ul style="list-style-type: none"> • • • •
Given the same topology, what's the call signaling flow to establish a call between phones 1 and 2	<ul style="list-style-type: none"> • • • •
A router IOS feature that provides a <i>centralized</i> service to track available bandwidth between clusters and kill or redial calls accordingly	

Call Routing

Possible Call Routing Destinations	<ul style="list-style-type: none"> • • • • • •
Possible Sources of Dialed Digits for Call Routing	<ul style="list-style-type: none"> • • • • •
Signaling protocol(s) between phones and CUCM	<ul style="list-style-type: none"> • •
Two peer to peer gateway protocols	<ul style="list-style-type: none"> • •
Two gateway control protocols	<ul style="list-style-type: none"> • •
Construct that groups similar devices like WAN or ISDN links	
A preference (cost?) -ordered list of above; can be used as a call destination	
Construct that matches dialed digits & gives it a destination	

Call-Routing Behavior

Are calls routed digit-by-digit or all-at-once	
How choose between matching rules	

Hunt Group (set of extensions reached by dialing a common number, e.g. helpdesk)

List of participating extensions with ringing instructions (top-down, circular, or broadcast) and when or if to give up on this list	
List of the above lists, always top-down	
Call routing entry invoked by one extension number that targets the above list of lists	

Calling Restrictions

A group of dialable things to be similarly restricted	
List of the above groups, assigned to phones as allowed	

Note : Understand the two interactions under “Notes” on page 5 of the Chapter 10 reading notes.