Synthetic Test Worksheet

This section explains the following:

- Synthetic Test Worksheet, on page 1

Synthetic Test Worksheet

The number of phones you must create in a Cisco Unified Communications Manager for use in synthetic tests depends on:

- The number of synthetic tests you want to configure.
- The type of tests you want to run.

The following table provides a worksheet for determining how many phones you need. Fill in the number of tests and calculate the total phones needed using the information provided in the table:

Table 1: Number of Phones Required for Synthetic Tests

Number of Tests	Type of Test	Phones Needed for Test	Total Phones Needed
	Phone Registration	1 (synthetic phone)	
	Dial-Tone	1 (synthetic phone)	
	End-to-End Call with real phones	2 (1 synthetic phone and 1 real phone)	
	End-to-End Call with synthetic phones	2 (synthetic phones)	
	TFTP Download	0	
	For Cisco Prime Collaboration Release 11.6 and later HTTP Download	0	

Number of Tests	Type of Test	Phones Needed for Test	Total Phones Needed
	Emergency Call (without On Site Alert Number)	2 (synthetic phones)	
	Emergency Call (with On Site Alert Number)	3 (synthetic phones)	
	Message-Waiting Indicator	2 (synthetic phones)	

As you configure phones on each Unified CM, use the following worksheets to simplify data entry into Cisco Prime Collaboration Assurance.

The dashes in the table indicate that data is not required for the MAC Address, Destination Phone Extension Number, or Destination Phone Cisco Unified Communications Manager.

Table 2: Cisco Unified Communications Manager

Synthetic Test	MAC Address	Destination Phone Extension Number	Destination Phone Cisco Unified Communications Manager
Phone Registration		-	-
Dial-Tone		-	-
End-to-End Call-source phone		-	-
End-to-End Call-destination phone (synthetic phone)			
End-to-End Call-destination phone (real phone)	-		-
Phone Registration		-	-
Dial-Tone		-	-
End-to-End Call-source phone		-	-
End-to-End Call-destination phone (synthetic phone)			
End-to-End Call-destination phone (real phone)	-		-
Phone Registration		-	-
Dial-Tone		-	-
End-to-End Call-source phone		-	-
End-to-End Call-destination phone (synthetic phone)			
End-to-End Call-destination phone (real phone)	-		-

Table 3: Cisco Emergency Responder

Parameter	Name or Number
Source	
Cisco Unified Communications Manager	
MAC address	
Destination	
Emergency number	
Public Safety Answering Point	
Cisco Unified Communications Manager	
MAC address	
On Site Alert	
Cisco Unified Communications Manager	
MAC address	

Table 4: Cisco Unity

Parameter	Name or Number
Caller	
Cisco Unified Communications Manager	
MAC address	
Recipient	
Cisco Unified Communications Manager	
MAC address	
Phone extension number	
Voice mail	
Password	

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