

## LANforge as Access Point

Goal: Create four LANforge APs in bridged mode using Chamber View

In this test scenario, two LANforge CT522 systems are used to create 4 APs. The APs could be used for testing client devices such as phones. This is a simple example with no authentication.

- 1. Configure Chamber View to create Access Points.
  - A. Open Chamber View by clicking on the 'Chamber View' button in the LANforge-GUI. You can right-click in Chamber View to create various objects. The LANforge system(s) should show up as green boxes in Chamber View.

		Chamber	r View			$\odot$ $\sim$ $\otimes$
	Scenario ( O O O O O O O O O O O O O O O O O O O	configuration: ap	LF-2 0 0 0 0 0 0 0 0 0 0		= = = =	Manage Scenarios blank ▼ Apply Scenario Tests: WiFi Capacity ▼ Run Test Snap Report
	Show   ANforge	Show RSSI				
Show External CX Show Internal CX Show Attenuators Show WiFi Connections	<ul> <li>Show DANibige</li> <li>Show DUT</li> <li>Show Inactive DUT</li> <li>Show Device Profiles</li> <li>Show Traffic Profiles</li> </ul>	Show Bps Apply Motion	Info Print	<u>S</u> ync	Apply	<u>B</u> uild Scenario

B. Configure a Chamber View Scenario and add the AP profiles.

0	Create/Modify Scenario							•		$(\mathbf{x})$				
Sc	Scenario Text Output													
Sce	Scenario Name ap-bridge   Delete Scenario Create Profile Create Traffic Profile Add Row													
Del	Resou	irce	Profile	Mod	Amount		Uses-1		Uses-2		Frequency		Maps	то
×	1.1	•	Bridged_AP: bridged-AP-0	۵	1 (1)	•	wiphy0	•	ethl	•	36 (5180 Mhz)	•	NA	•
×	1.1	•	Bridged_AP: bridged-AP-1	0	1 (1)	•	wiphyl	•	ethl	•	36 (5180 Mhz)	•	NA	•
×	1.2	-	Bridged_AP: bridged-AP-2 💌	0	1 (1)	Ŧ	wiphy0	•	ethl	•	36 (5180 Mhz)	•	NA	-
×	1.2	-	Bridged_AP: bridged-AP-3 🔻	0	1 (1)	•	wiphyl	•	ethl	•	36 (5180 Mhz)	•	NA	•
Build New Load Scenario		Update and Save Scenario			<u>A</u> pply and Save Scenario				<u>C</u> ancel					

C. This example uses 4 different bridged-AP profiles. Each profile is the same except that it has a different SSID.

Create/Modify Profile							
Name:	bridged-AP-0	Type:	Bridged_AP (2)	-			
Mode:	Auto (0) 🗸 🗸	Antennas:	Default (0)	-			
Instances:	1 (1)	Frequency:	36 (5180 Mhz)	•			
SSID:	jw3-0	Password:					
Pattern:		DHCP Server	WEP				
WPA	WPA2	WPA3	🗌 802.11r				
802.1x EAP-TTLS	✓ Restart DHCP on Connect	Notes:					
Apply OK Cancel							

D. Once you have saved and selected the Scenario, click **Apply Scenario** and then click **Build Scenario**. The APs will be created, bridge devices will be created and will contain the APs and the Ethernet ports selected in the scenario. The Access Point devices will be started as part of the build process, so the system is now ready to be used. You can also make further modifications to the AP configuration by modifying the vap interfaces in the Port-Mgr tab of the LANforge GUI.



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