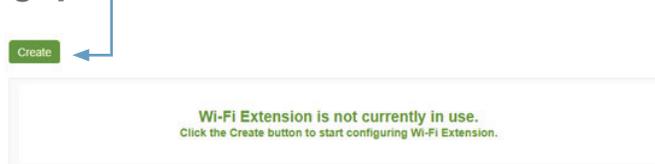**LUXUL.**
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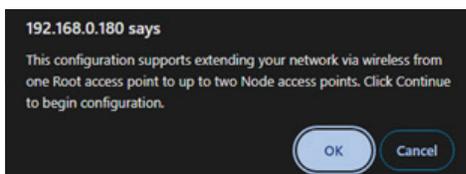
FOR WI-FI EXTENDER
Quick Setup Guide

01 Connect up to 3 AP-3064 access points to a PoE+ capable switch, or into PoE+ injectors that feed into a network switch. Access points should be connected physically to the network for the initial setup.

02 Ensure that your access point is updated to version 1.1.6 or later. Update if necessary.

03 In the left nav menu, click Wireless Settings, then Wi-Fi Extension.

04 Click the Create button at the top

And you will get a pop up. Click OK to continue, and you will be directed to the Configure Wi-Fi Extension page.

05 On the Configure Wi-Fi Extension page, click the Enable checkbox.
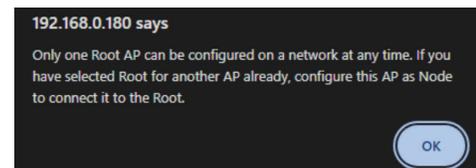
Fill out your Extension ID and Password. These will need to match on your Root and Node access points for them to connect. See Help menu for more options.

Then select Root for your Set As option. This will set this AP as the "master", in a sense, which your Node access points' will get their wireless and related configurations from. It is recommended to leave Frequency Band as 5GHz. When you select Root, a pop up will appear.

Click OK to proceed, and Root should now be selected.

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06 You can now save, and apply your settings.

You may press "CONTINUE" button to continue configuring other setting or press "APPLY" button to restart the system for changes to take effect.

Apply   Continue

Wait for settings to finish, and once complete you might need to go back to Wireless Settings>Wi-Fi Extension. Once there, you should see a new table that shows your APs and their status.

Wi-Fi Extension: extender1   Nodes: 0
Refresh   Edit

Node	MAC Address	IP Address	Type	Hop	Signal
AP0	C4:91:CF:30:9F:35	192.168.0.180	Root	-	-

If the Root hasn't populated under the table information row, it should show up very soon. Wait a few seconds and hit refresh until it does. This page does not auto refresh.

07 Now that your Root setup is complete, you can repeat these steps on up to 2 Node APs. Simply use Node for your Set As option when doing the Wi-Fi Extension configuration, instead of Root, and as long as your Extension ID and Password match, the APs should find each other and show on the Wi-Fi Extension page.

Configure Wi-Fi Extension

Wi-Fi Extension	☑ Enable
Extension ID*	extender1
Password*	password
Frequency Band	○ 2.4GHz ● 5GHz
Set as	● Node ○ Root

Save   Cancel

Wi-Fi Extension: extender1   Nodes: 1
Refresh   Edit

Node	MAC Address	IP Address	Type	Hop	Signal
AP0	C4:91:CF:30:9F:35	192.168.0.180	Root	-	-
AP1	C4:91:CF:30:9D:01	192.168.0.130	Node	1	-11 dBm

Wi-Fi Extension: extender1   Nodes: 1
Refresh   Edit

Node	MAC Address	IP Address	Type	Hop	Signal
AP1	C4:91:CF:30:9F:35	192.168.0.180	Root	1	-
AP0	C4:91:CF:30:9D:01	192.168.0.130	Node	-	-13 dBm

08 Now that you have completed the Wi-Fi Extender setup, you can modify your SSIDs, create scheduling, whatever you need for your wireless network. Again these configurations can now be done from the Root AP and changes will get pushed to the Node APs once applied to the Root.

Notes/other info:

- Your Node APs will have reduced configuration options, these options are still available in your Root AP. The configuration options that will be handled by the Root AP after the Nodes are configured are as follows:
  - Quick Setup> 2.4GHz Wireless Settings and 5GHz Wireless Settings
  - Network Settings> VLAN
  - Wireless Settings> 2.4GHz> Basic, Security, Advanced.
  - Wireless Settings> 5GHz> Basic, Security, Advanced.
  - Wireless Settings> Schedule (you will need to make certain your Date and Time settings are correct on ALL APs for SSID Schedules to function as expected.)
  - Wireless Settings> Captive Portal
- Once the configuration of the Node AP(s) is complete, you can move them to a remote location. As long as it is provided with PoE power and is within range of the Root AP wireless, it will reconnect to the Root AP.
- The amount of SSIDs you are allowed when using Wi-Fi Extension is limited to 4 SSIDs per band, for a total of 8 SSIDs.
- Since these are dual band APs and not tri-band, it should be expected that your bandwidth will be limited to approximately 200-300 Mbps from your Node APs, but that these speeds are not guaranteed, as Wi-Fi speeds cannot be guaranteed. Certain latency sensitive applications may also experience a degradation in quality.

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