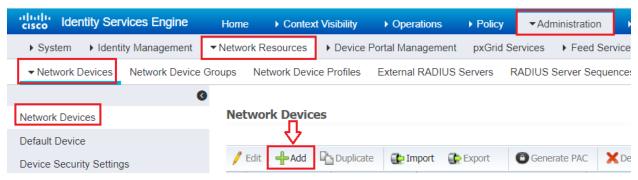
Add Network Device:

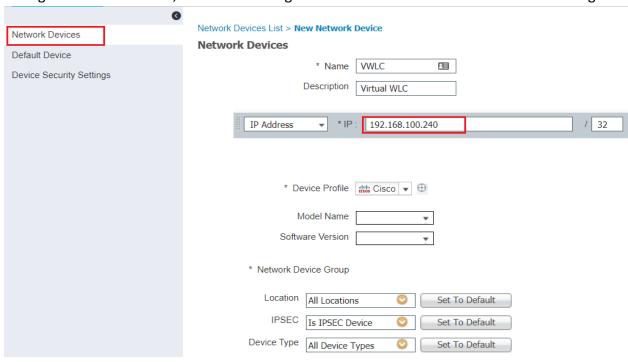
Go to Administration > Network Resources > Network Devices to add the Device (SW2).



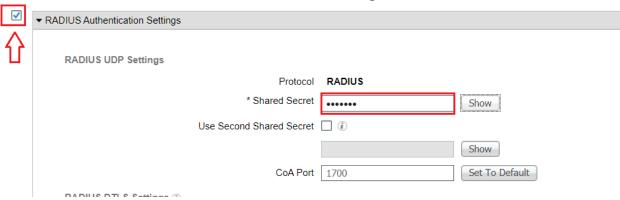
Click on Add button to add Network Device like Cisco Wireless LAN Controller.

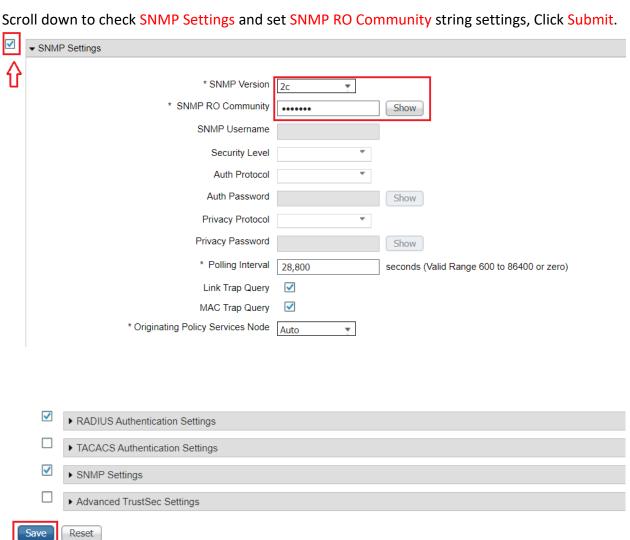


Configure Name of device, IP address configured. Scroll down to set Authentication settings.



Scroll down to set Authentication settings. Set Password configured as Server key on Cisco Wireless LAN Controller device "Test123" and save settings.

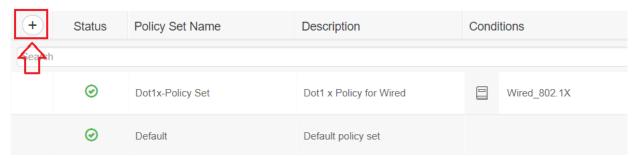




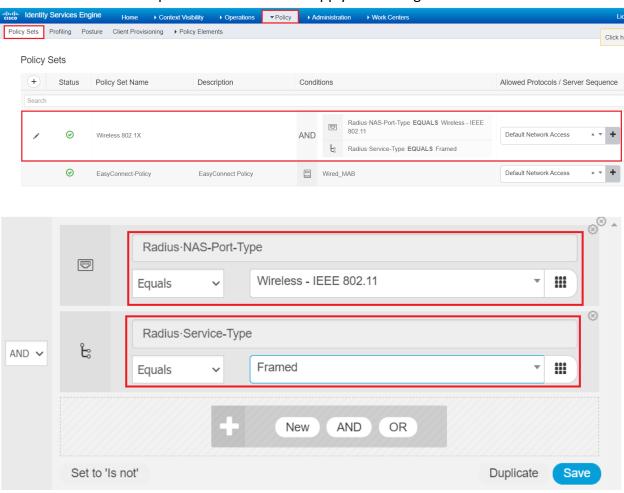
Policy Set:

In order to create a Policy Set from ISE GUI, navigate to Policy > Policy Set and then click on plus (+) icon on the upper-left corner.

Policy Sets

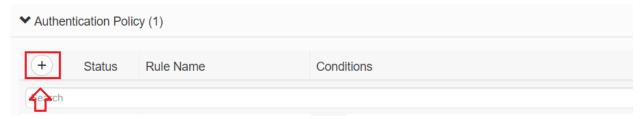


Name the Policy Set in this case Wireless 802.1X, set the Conditions Radius·NAS-Port-Type EQUALS Wireless-IEEE 802.11 and Radius Service-Type EQUALS Framed, Set the Allow Protocols Default Network Access protocols. Click Save to apply the setting.

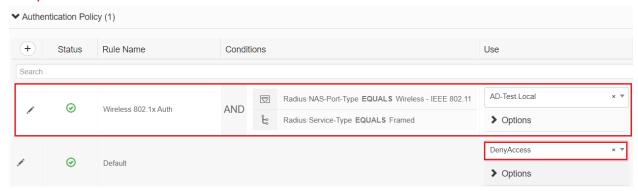


Authentication Policy:

For network access policies, choose Work Centers > Network Access > Policy Sets. Navigate to Authentication Policy, click Add new authentication policy.



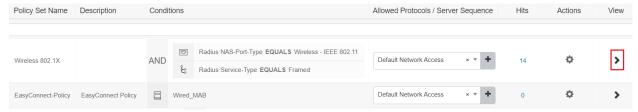
Name Authentication Policy Rule in this case Wireless 802.1x Auth set the conditions to Radius·NAS-Port-Type EQUALS Wireless-IEEE 802.11 and Radius Service-Type EQUALS Framed also change the default Identity store to AD-Test.local. Change the Default Rule Options to DenyAccess.



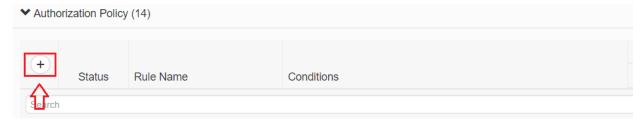
Leave the default Options settings and click Save to apply the changes.

Authorization Polices:

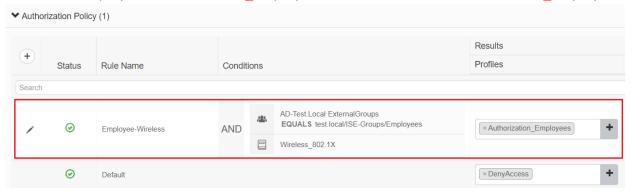
Navigate to Policy>Policy Sets > click on Arrow Icon >



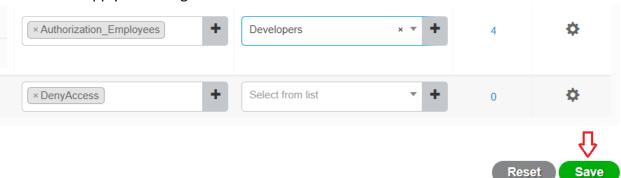
Navigate to Authorization Policy section click on round circle Plus icon to add new Authorization rules, name authorization Rules in this case Employee-Wireless. In Conditions click on Plus icon to set the conditions for authorization Rules.



Set the conditions to Wireless_802.1X and AD-Test.Local·ExternalGroups EQUALS test. local/users/Employees, Authorization_Employees Set Results Profiles Authorization_Employees

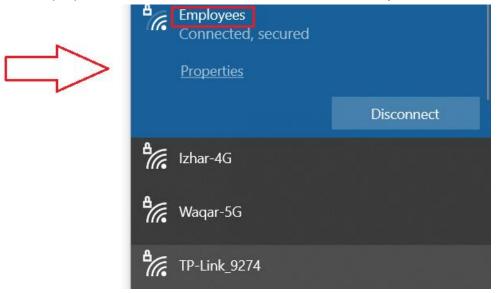


Click Save to apply the changes.

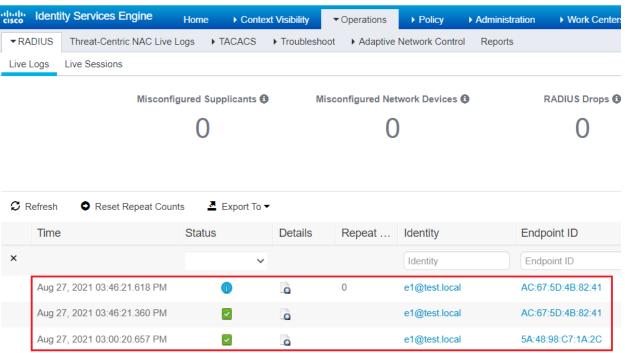


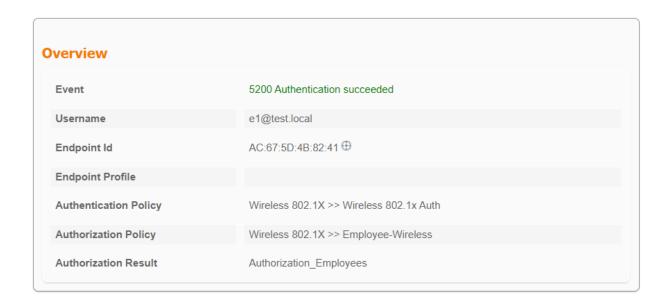
Verification:

Click on Wifi click on Employees SSID to connect it will connect automatically.



Navigate to Operations > RADIUS Livelog.





Go to Policy > Policy Sets and verify the Hits.

