Configure a WPA2 Enterprise WLAN on the WLC

Create a new WLAN

Create a new VLAN interface and configure a RADIUS server. Then create a new WLAN and configure the WLAN Security

DHCP Scope and SNMP

Configure a DHCP Scope and the SNMP

Connect Hosts

Configure a host to connect to the enterprise network and then test the connectivity

Configure a Basic WLAN on the WLC

Monitor the WLC

Is the WLC connected to an AP?

Create a Wireless LAN

Create and enable the WLAN and afterwards secure the WLAN. Verify the Settings

Connect a Host to the WLAN

Connect to the network and verify connectivity

WLAN Configuration

Home wireless router

Change the DHCP settings and configure the wireless LAN. Then configure the security amd connect the clients to the network

WLC controller network

Configure the different VLAN interfaces, configure DHCP scope, configure WLC with ecternal server addresseas, create the WLANS and configure the hosts to connect to the WLANs. Last but not least, test the connectivity

Troubleshoot WLAN Issues – Instructions Answer

Troubleshoot the Network

Test connectivity and investigate issues and record findings

Fix issues

Try to fix the issues you just detected

Security types

No security

least secure option. only use it for SSIDs in a public space

Static WEP key

static WEP keys are vulnerable to attack. If you configure this setting, you should consider limiting association to the wireless device based on the MAC address.

EAP authentication

uses mandatory encryption

WPA

permits wireless access to users who are authenticated against a database. very safe!

useful commands

Opens the connection between the wireless device and the router's console.

service-module wlan-ap 0 session

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