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## How to configure an Open BAT as an 802.1x authenticator

- 2022-01-10 - BAT, WLC (HILCOS)

This lesson describes how to configure an Open BAT as 802.1x authenticator.

You may need to refer to the following lessons for a complete working 802.1x environment (Supplicant - Authenticator - Server):

- How to configure an Open BAT as 802.1x supplicant
- How to use an Open BAT or a Controller as RADIUS Server and set up User accounts

These How to are complementary and use the following settings for the radius authentication:

EAP - PEAP with MSCHAPv2 as tunnel method.

## Representation



## **Preliminary steps**

Give the BAT an IP address (in our example: 192.168.1.140)

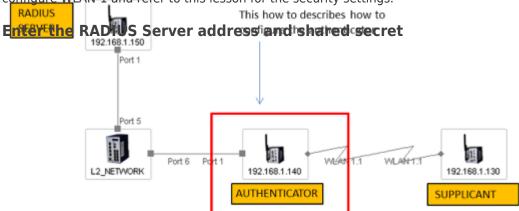
You can refer to the lesson ""How to give an Open BAT or a WLC an IP address""

Add the BAT in LANconfig

You can refer to the lesson ""How to discover a BAT or a WLC in LANconfig""

Configure the BAT as an Access Point

You can refer to the lesson ""How to configure an Open BAT as Access Point"" but only configure WLAN-1 and refer to this lesson for the security settings.

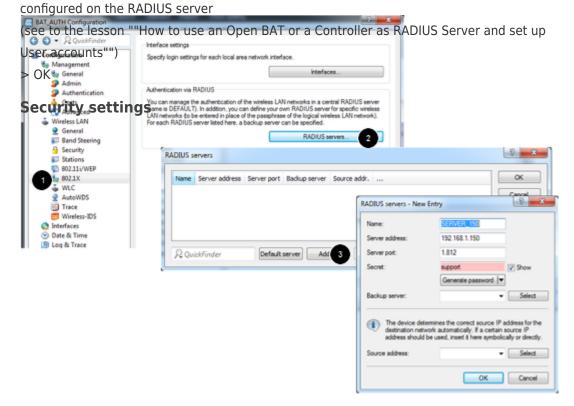


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Configuration > Wireless LAN > 802.1X > RADIUS servers > Add

Give an name to identify the server (this name is only used locally on the Authenticator) Indicate the IP address of the server (in our example: 192.168.1.150)

Indicate the server port and the shared secret. They will have to match with the ones



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Configuration > Wireless LAN > 802.11i/WEP > WPA or Private WEP settings Select the relevant network (in our case Wireless LAN 1 - Network 1) and Edit In the new dialog make sure that the encryption is activated.

Select as Method: 802.11i (WPA)-802.1x

In the passphrase field, enter the name of the RADIUS server (the one configured in the precedent step)

> OK

This Access Point is now ready to be used as authenticator or NAS (Network Access Server)

## Contenu lié

 How to use an Open BAT or WLC as a RADIUS server and set up user accounts BAT\_AUTH Configuration

