

Access-Point Configuration

To access the web interface go to the IP address that was assigned to the access point in your web browser.

Creating an SSID

Go to Security > SSID Manager

The screenshot displays the 'Security: Global SSID Manager' web interface. The main section is titled 'SSID Properties' and contains the following fields and options:

- Current SSID List:** A dropdown menu with '< NEW >' and 'test' (selected).
- SSID:** A text input field containing 'test'.
- VLAN:** A dropdown menu set to '< NONE >' with a 'Define VLANs' link.
- Backup 1, 2, 3:** Three empty text input fields.
- Band-Select:** An unchecked checkbox.
- Universal Admin Mode:** An unchecked checkbox.
- Interface:** A dropdown menu.
- Radio 0-802.11N 2.4GHz:** A checked checkbox.
- Radio 1-802.11N 5GHz:** A checked checkbox.
- Network ID:** A text input field with '(0-4096)' next to it.
- Delete:** A button.

The bottom section is titled 'Client Authentication Settings' and includes:

- Methods Accepted:** Four checkboxes: 'Open Authentication' (checked), 'Web Authentication', 'Shared Authentication', and 'Network EAP'. To the right are three dropdown menus, all set to '< NO ADDITION >'.
- Server Priorities:** Two sections: 'EAP Authentication Servers' and 'MAC Authentication Servers'. Each has a radio button for 'Use Defaults' (unselected) and 'Customize' (selected). Below each are three priority dropdown menus, all set to '< NONE >'.

These settings will create an SSID with no password called "test".

To broadcast the SSID, you must enable Guest Mode further below.

You must also enable the appropriate radios over at network interfaces configuration and set the role in network as Root bridge for mesh (guest nodes should be set to non-root bridge) or access point for basic access point.

CLI

IP configuration

Enter privileged mode by typing `enable` .

```
AP#conf t //Configure from terminal
AP(config)#int bVI 1 //Configure bridge-virtual-interface number 1
AP(config-if)# ip address <IP> <subnetmask>
AP(config-if)# exit
AP(config)#ip route 0.0.0.0 0.0.0.0 <IP GW>
```

You can also type `ip address dhcp` for DHCP based IP.

Show IP address

Enter privileged mode by typing `enable` .

```
show ip interface
```

Check signal strength

Enter privileged mode by typing `enable` .

```
dot11 Dot11Radio 0/1 linktest .
```

0 = 2.4ghz

1 = 5ghz

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