

## How to Configure a RADIUS/EAP Server for Wi-Fi authentication

<https://campus.barracuda.com/doc/53248829/>

For large network environments, you can configure a RADIUS and EAP server to handle user authentication.

### Configure RADIUS/EAP Wi-Fi Authentication

1. Go to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > Wi-Fi > Wi-Fi AP Configuration**.
2. In the left menu, select **Radius/EAP**.
3. Click **Lock**.
4. In the **Primary RADIUS Server** section, you can edit the following settings for the primary RADIUS server:

Setting	Description
<b>NAS-IP Address</b>	The service IP address of the Wi-Fi access point.
<b>Other NAS-IP</b>	The alternative service IP address of the Wi-Fi access point.
<b>NAS-Identifier</b>	The NAS identifier string for RADIUS messages. For example, the fully qualified domain name.
<b>Authentication Server IP</b>	The IP address of the RADIUS authentication server.
<b>Authentication Port</b>	The port address of the RADIUS authentication server.
<b>Authentication Password</b>	The authentication password of the RADIUS authentication server. The password can consist of small and capital characters, numbers, and non alpha-numeric symbols, except the hash sign (#).
<b>Use Accounting</b>	Enables RADIUS accounting.
<b>Accounting Server IP</b>	The IP address of the RADIUS accounting server.
<b>Accounting Port</b>	The IP port of the accounting server.
<b>Accounting Password</b>	The password of the accounting server. The password can consist of small and capital characters, numbers, and non alpha-numeric symbols, except the hash sign (#).
<b>Accounting Update Interval[s]</b>	The time interval in seconds for obtaining accounting updates. You can enter 60 to 600 seconds.

5. In the **RADIUS Fallback Options** section, you can edit the following settings for a secondary or fallback RADIUS server:

Setting	Description
<b>Primary Retry Interval[s]</b>	The interval in seconds for trying to return to using the primary RADIUS server.
<b>Secondary Radius Servers</b>	The list of secondary or fallback RADIUS servers.

6. Click **Send Changes** and **Activate**.

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