



## RLAN External Module

---

- [Information About External Module, on page 1](#)
- [Prerequisites for Configuring External Module, on page 1](#)
- [Configuring External Module \(GUI\), on page 1](#)
- [Configuring External Module \(CLI\), on page 2](#)
- [Verifying External Module, on page 2](#)

## Information About External Module

The External Module feature enables traffic to flow in and out from the Cisco Aironet Developer Platform module when an access point (AP) is in both local and flex connect mode.

## Prerequisites for Configuring External Module

Before you begin, you must ensure the following:

- The external module is powered on.
- The RLAN status is enabled.

## Configuring External Module (GUI)

### Procedure

---

- Step 1** Choose **Configuration > Tags & Profiles > Tags**.
- Step 2** In the **Policy** tab, select one of the **Policy Tag Name** and click **Add**.
- Step 3** In **Add Policy Tag** page and **RLAN-POLICY Maps** section, click **Add**.
- Step 4** From the **Port ID** drop-down list, choose **ext-module**.
- Step 5** From the **RLAN Profile** drop-down list, choose an RLAN profile.
- Step 6** From the **RLAN Policy Profile** drop-down list, choose an RLAN policy profile.

**Step 7** Click the check mark icon.

## Configuring External Module (CLI)

### Procedure

	Command or Action	Purpose
<b>Step 1</b>	<b>configure terminal</b>  <b>Example:</b> Device# configure terminal	Enters global configuration mode.
<b>Step 2</b>	<b>wireless tag policy default-policy-tag</b>  <b>Example:</b> Device(config)# wireless tag policy default-policy-tag	Configures a policy tag to the external module for the remote LAN.
<b>Step 3</b>	<b>remote-lan rlan-profile policy rlan-policy ext-module</b>  <b>Example:</b> Device(default-policy-tag)# remote-lan rlan policy abc ext-module	Configures a remote LAN policy to the external module.

## Verifying External Module

To view the external module remote LAN configuration, use the following command:

```
Device# show ap name ap_name lan port summary
```

```
LAN Port status for AP ap_name
```

```
Port ID      status      vlanId      poe          power-level  RLAN
-----
ext-module  Enabled    39          NA           NA           Enabled
```

To view the external module inventory details, use the following command:

```
Device# show ap name abc inventory
```

```
NAME: AP3800, DESCR: Cisco Aironet 3800 Series (IEEE 802.11ac) Access Point
PID: AIR-AP3802I-D-K9, VID: 01, SN: xxxxxxxxxxxx
```

```
MODULE NAME: Expansion Module, DESCR: Cisco HDK Module (rev2)
```

```
PID: Unknown, SN: xxxxxxxxxxxx, MaxPower: 2700mW
```

```
VersionID: V22, Capabilities: RLAN (UP)
```