

ExtremeIOT Essentials Setup Guide

ExtremeCloud IQ Essentials Documentation

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Introduction to ExtremelOT Essentials

ExtremelOT Essentials is a simple IoT security solution that is designed to protect high risk, wired IoT devices. Through the application of security profiles, it controls IoT device attachment and access to the network. It locks down IoT communications to only what's authorized, blocking everything else. Key features of ExtremelOT Essentials are:

- Protects high-risk IoT devices & overlay to 3rd party networks
- Provides portal & templates to secure devices
- Enables floor staff (non-IT) to onboard and move IoT devices
- Simplifies IoT onboarding and security

Initial Setup for ExtremelOT Essentials

To set up ExtremelOT Essentials, you will select a device and assign a policy for it. Follow these steps:



2. In ExtremeCloud IQ, select **ML Insights > Add network plan**.

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3. Launch ExtremelOT Essentials by selecting the IoT Icon in the left panel. Then select the **Subscribe** button.



4. Select Manage > + > Onboard AP.

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5. When the AP is reported online in ExtremeCloud IQ, assign the location you created earlier.

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6. In ExtremelOT Essentials, configure the IOT policy for the AP by defining a policy, template, and port type. Then push the full configuration to the AP.

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X ExtremeIOT Setup **Network Policy Settings** Use existing Policy XIOT TEST Policy Name* Device Timezone* (GMT-11:00) Pacific/Midway Ŧ **Device Template Settings for AP150W** Use existing Template ExtremelOT Template Template Name * **Country Code** ---* Wired Port Type Settings CANCEL FINISH

7. By default, a "deny-all" rule is pushed to the AP. Create a user profile to allow target traffic to pass through.

Select User profiles and +. Note: Only firewall configurations are supported. VLAN configurations are not supported. ExtremeCloud IQ × + \leftarrow > O @ https://stage.extremecloudiq.com/ □☆ たん ビ Q (S) ♠[■] (O) sigextremeqapps q3r5-002 Extreme -ExtremeCloud IQ Pilot 0 Extreme**IOT**Essentials ٠ Dashboard User Profiles * Devices **+** / % * NAME di i Clients USED B default-profile User Profiles default-guest-profile ÷ Shrisha_UP ж XIOT_UP_DENY_ALL 4 Ð IOT_Policy YT_DHCP 4 • ? / /wtremeiot/userProfile http 🖺 🖅 🖪 ExtremeCloud IQ 🛛 🗙 🕂 🗸 0 @ https://stage.extremecloudiq.com/hm-webapp/#/extremeiot/userProfile □☆ ☆ ん ピ 4 0 ExtremeloT Essentials Create User Profile * User Profile User Profile Name* YT_DHCP î Connect to * VLAN VLAN Group ж ¥ + ⊒ Youtube_VLAN 0 SECURITY Ŷ 4 Firewall Rules ON IP Firewall MAC Firewall YT_DHCP_OUT PROFILES + / = 1 Outbound Traffic * Deny SOURCE IP DESTINATION IP SERVICE ACTION LOGGING ORDER USER Any Any DHCP-Server PERMIT OFF **↑** ↓ OFF Any YOUTUBE PERMIT Any Any EXTREMENOT ESSENTIALS **Λ**Ψ Any Any YOUTUBEM PERMIT OFF ? CANCEL JSER PROFIL

8. Add a policy group mapping to the user profile you just configured.

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9. Plug the IoT device into the port. Then, under **Clients**, select the device and assign the policy.

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10. To assign the policy to the device select the device, and push the configuration to it

The ExtremeIOT Essentials Summary page begins to load data and display analytics.



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