

Connect an ExtraHop console to an ExtraHop sensor

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You can manage multiple ExtraHop sensors from a console. After you connect the sensors, you can view and edit the sensor properties, assign a nickname, upgrade firmware, check the license status, and create a diagnostic support package.

The console connects directly to the sensor over HTTPS on port 443. If it is not possible to establish a direct connection because of firewall restrictions in your network environment, you can connect to the console through a [tunneled connection](#) from the ExtraHop sensor.

 **Watch** the related training: [Connect an Appliance to a RevealX Enterprise Console \(ECA\)](#) 

Before you begin

You can only establish a connection to a sensor that is licensed for the same system edition as the console. For example, a console on RevealX Enterprise can only connect to sensors on RevealX Enterprise.

 **Important:** We strongly recommend [configuring a unique hostname](#) . If the system IP address changes, the ExtraHop console can re-establish connection easily to the system by hostname.

Generate a token on the sensor

Generate a token on the sensor before beginning the connection procedure on the console.

1. Log in to the Administration settings on the ExtraHop system through `https://<extrahop-hostname-or-IP-address>/admin`.
2. In the ExtraHop Command Settings section, click **Generate Token**.
3. Click **Generate Token**.
4. Copy the token and continue to the next procedure.

Connect the console and sensors

1. Log in to the Administration settings on the ExtraHop system through `https://<extrahop-hostname-or-IP-address>/admin`.
2. In the Connected Appliance Administration section, click **Manage Sensors**.
3. Click **ExtraHop Sensor**.
4. Click **Connect Sensor**.
5. In the Host field, type the hostname or IP address of the sensor.
6. Click **Connect**.
7. In the Token from ExtraHop Sensor field, type or paste the token that you generated on the sensor.
8. In the Sensor Nickname (Recommended) field, type a friendly name for the ExtraHop system.
If no nickname is entered, the system is identified by the hostname.
9. Optional: Select **Reset configuration** to remove existing system customizations such as device groups, alerts, and triggers from the ExtraHop system.
Gathered metrics such as captures and devices will not be removed.
10. Click **Connect**.

Connect to a console from a sensor

You can connect the ExtraHop sensor to the console through an SSH tunnel.

We recommend that you always **connect sensors directly** through the console; however, a tunneled connection might be required in network environments where a direct connection from the console is not possible because of firewalls or other network restrictions. After you connect the sensors, you can view and edit the sensor properties, assign a nickname, update firmware, check the license status, and create a diagnostic support package.

Before you begin

- You can only establish a connection to a sensor that is licensed for the same system edition as the console. For example, a console on RevealX Enterprise can only connect to sensors on RevealX Enterprise.
1. Log in to the Administration settings on the sensor.
 2. In the ExtraHop Console Settings section, click **Connect Consoles**.
 3. Click **Connect Console**.
 4. In the Host field, type the hostname or IP address of the console.



Note: You cannot specify an IPv6 link-local address.
 5. In the Setup password field, type the password for the setup user on the console.
 6. In the Sensor nickname (Optional) field, type a friendly name for the sensor that appears on the Manage Connected Appliances page.

If no friendly name is configured, the hostname for the sensor appears instead.
 7. Select the **Reset configuration** checkbox to remove existing sensor customizations such as device groups, alerts, and triggers from the sensor.

Gathered metrics such as captures and devices will not be removed.
 8. Click **Connect**.