## Create a custom device

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Collect metrics for a segment of traffic across multiple IP addresses and ports by creating a custom device. Custom devices are useful for monitoring traffic outside of your local broadcast domain, such as branch offices, stores, or clinics.

Here are some important considerations about custom devices:

- You can create a custom device on a console or a sensor. From a console, select the sensor you want to associate with the device. From a sensor, the device is automatically associated with the connected console.
- Custom devices only appear in the ExtraHop system after traffic that matches your specified criteria is observed.
- Avoid creating multiple custom devices for the same IP addresses or ports. Custom devices that are configured with overlapping criteria might degrade system performance.
- Avoid creating a custom device for a broad range of IP addresses or ports, which might degrade system performance.
- A single custom device counts as one device towards your licensed capacity for Advanced Analysis and Standard Analysis.
- You can also automate this task through the REST API ...

## Before you begin

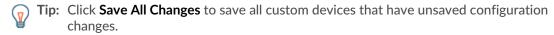
You must have full write privileges or higher.

- 1. Log in to the ExtraHop system through https://<extrahop-hostname-or-IP-address>.
- 2. Click the System Settings icon and then click Custom Devices.
- 3. Click Create.
- 4. In the Name field, type a unique name for the custom device.
- 5. In the Discovery ID field, type a unique identifier.
  If this field is left blank, a Discovery ID is generated from the custom device name. The Discovery ID cannot contain spaces and cannot be changed after the custom device is saved.
- 6. From the **Sensor** drop-down menu, select the sensor that you want to associate with the custom device. (Consoles only.)
- 7. Select the **Enable custom device** checkbox to enable or disable the custom device.
- 8. Optional: In the Description field, add information about the custom device.
- Click Add Criteria to specify an IP address, port range, or VLAN range as match criteria for the custom device.

You can specify a single option, such as an IP address, or specify a combination of criteria options; you do not need to complete each field.

- a) In the IP Address field, type an IP address or a CIDR notation. If you specify an IP address, you can also specify the direction of traffic and a peer IP address.
  - (Optional): From the Traffic Direction drop-down menu, select Outbound from IP Address or Inbound from IP address as a match criterion. These options enable you to create a custom device that collects metrics only from traffic sent to or sent from this IP address. The default selection is Bidirectional.
  - (Optional): In the Peer IP Address field, specify an IP address or CIDR notation that communicates with the address specified in the IP Address field. This option enables you to create a custom device that collects metrics only from traffic between specific source and destination IP addresses.

- Note: If you specify a peer IP address, you cannot select **Bidirectional** for the traffic direction.
- In the Destination Port Range fields, type a minimum and a maximum destination port number. If no range is specified, all ports are considered match criteria.
- 10. Optional: Click Show Advanced Options to configure a source port or VLAN range.
  - In the Source Port Range fields, type a minimum and a maximum source port number. If no range is specified, all ports are considered match criteria.
  - In the VLAN Range fields, type a minimum and a maximum VLAN ID.
- 11. Optional: Click Add Criteria to configure additional IP addresses, port ranges, or VLAN ranges.
- 12. Click Save.



## **Next steps**

- Configure remote sites for custom devices [7]
- Find a device 🛂
- Add a custom device to the watchlist <a> </a>
- Add a tag to a custom device 🖪
- Delete or disable a custom device 🛂