

Create a device group

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You can create both dynamic and static device groups. Dynamic groups automatically add all devices that match specified criteria to the group, while static groups require you to manually add each device.

Create a dynamic device group

You can create dynamic device groups with complex filters, which enable you to specify multiple criteria and create nested groups of criteria.



Tip: You can quickly create a dynamic device group from a filtered list of devices on the Devices page. Click **Create Dynamic Group** from the upper right corner of the Devices page to open a Device Group Properties window. The filter criteria you specified on the Devices page is selected for you.

1. Log in to the ExtraHop system through `https://<extrahop-hostname-or-IP-address>`.
2. From the top menu, click **Assets** and then click **Device Groups** in the left pane.
3. Click **Create Device Group**.
4. In the **Group Name** field, type a descriptive name to identify the group
5. Optional: In the **Description** field, add information about this device group.
6. In the Group Type section, click **Dynamic**.
The Filter Criteria section appears.
7. Click **Match All** and select one of the following match operators from the drop-down list:

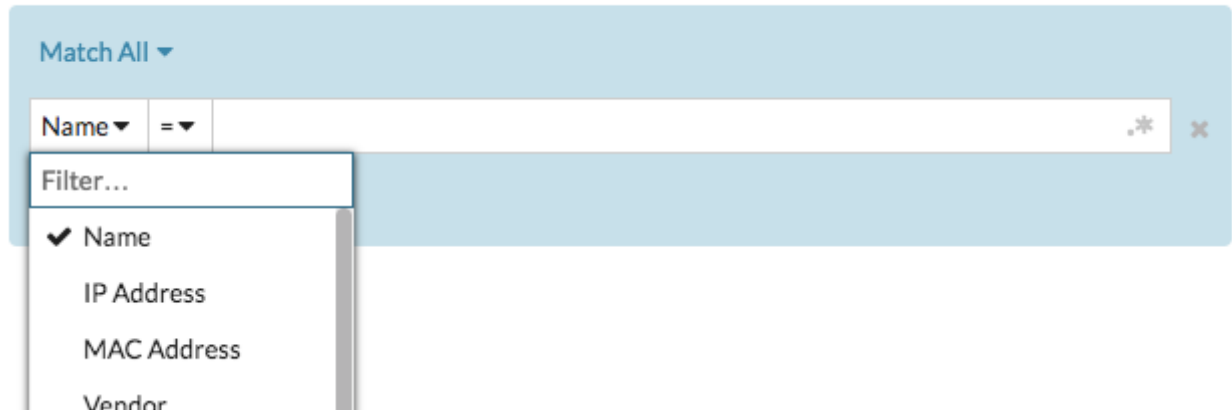
FILTER CRITERIA



Option	Description
Match All	Filters only devices that match all of the specified criteria.
Match Any	Filters devices that matches any of the specified criteria.
Match None	Filters devices that do not match any of the specified criteria.

8. Click **Name** and select one of the following categories from the drop-down list:

FILTER CRITERIA



Option	Description
Name	Filters devices by the discovered device name. For example, a discovered device name can include the IP address or hostname.
IP Address	Filters devices by the device IP address in IPv4, IPv6, or CIDR block.
MAC Address	Filters devices by the device MAC address.
Vendor	Filters devices by the device vendor name, as determined by the Organizationally Unique Identifier (OUI) lookup.
VLAN	Filters devices by the device VLAN tag. VLAN information is extracted from VLAN tags, if the traffic mirroring process preserves them on the mirror port. Only available if the <code>devices_accross_vlans</code> setting is set to <code>False</code> in the Running Config file.
Tag	Filters devices by user-defined device tags.
Role	Filters devices by the assigned device role, such as gateway, firewall, load balancer, and DNS Server.
Activity	Filters devices by protocol activity associated with the device. For example, selecting HTTP Server returns devices with HTTP server metrics, and any other device with a device role set to HTTP Server.
Discovery Time	Filters devices that were automatically discovered by the ExtraHop system within the specified time interval. For more information, see Create a device group based on discovery time .
Software	Filters devices by operating system software detected on the device.
Model	Filters devices by models and model sets. Model sets are groups of device models from a vendor. Model sets common on your network are suggested until you type to filter a specific string.

Option	Description
DNS Name	Filters devices by the DNS name assigned to the device.
DHCP Name	Filters devices by the DHCP name assigned to the device.
NetBIOS Name	Filters devices by the NetBIOS name assigned to the device.
CDP Name	Filters devices by the CDP name assigned to the device.
Custom Name	Filters devices by the custom name assigned to the device.
Critical	Filters critical devices observed on your network to either provide authentication services or support essential services.
Appliance	Filters by devices associated with a connected Discover appliance name. Only available from a Command appliance.

9. Select one of the following operators from the drop-down list; the operators available are based on the selected category:



Option	Description
=	Filters devices that are an exact match of the search field for the selected category.
≠	Filters devices that do not exactly match the search field.
≈	Filters devices that include the value of the search field for the selected category.
≈/	Filters devices that exclude the value of the search field for the selected category.
starts with	Filters devices that start with the value of the search field for the selected category.
exists	Filters devices that have a value for the selected category.
does not exist	Filters devices that do not have a value for the selected category.

- In the search field, type the string to be matched, or select a value from the drop-down list. The input type is determined by the selected category.

For example, if you want to find devices based on Name, type the string to be matched in the search field. If you want to find devices based on Role, select from the drop-down list of roles.

FILTER CRITERIA

The screenshot shows the 'FILTER CRITERIA' section with a 'Match All' dropdown. Below it, the 'Name' field is selected, followed by an equals sign and a search box containing 'accounting-'. A regex icon (a square with an asterisk) is visible on the right side of the search box. Below the search box are two buttons: 'Add Filter' and 'Add Filter Group'.

FILTER CRITERIA

The screenshot shows the 'FILTER CRITERIA' section with a 'Match All' dropdown. Below it, the 'Role' field is selected, followed by an equals sign and a dropdown menu that is open. The menu lists 'Database', 'DHCP Server', and 'DNS Server'. Below the search box are two buttons: 'Add Filter' and 'Add Filter Group'.



Tip: Depending on the selected category, you can click the Regex icon in the text field to enable matching by regular expression.

FILTER CRITERIA


The screenshot shows the 'FILTER CRITERIA' section with a 'Match All' dropdown. Below it, the 'Name' field is selected, followed by an equals sign and an empty search box. A tooltip with the text 'Type regular expression' is pointing to the regex icon (a square with an asterisk) on the right side of the search box. Below the search box are two buttons: 'Add Filter' and 'Add Filter Group'.

- Optional: Click **Add Filter** to add more filter criteria.
- Optional: Click **Add Filter Group** to add filter criteria to the results of the original filter.
For example, if you filter for devices names that start with "acct", you can add a new group of criteria that filters for a certain role or tag within the group of devices that start with "acct".
- Click **Save**.

You can change the criteria by clicking the group you want to modify from the Device Groups page, and then clicking **Properties**.

Create a static device group

- Log in to the ExtraHop system through <https://<extrahop-hostname-or-IP-address>>.
- Click **Assets** and then click **Device Groups**.

3. Click **Create Device Group**.
4. In the **Name** field, type a name for the new group.
5. In the Group Type section, select **Static**.
6. Optional: In the **Description** field, add information about this device group.
7. Click **Save**.
Your device group is now created. Next, assign devices to your group.
8. Add devices to your group.
 - a) Click **Devices** in the left pane.
 - b) [Find a device](#)  and then select the checkbox next to the devices you want to add to your group.
 - c) At the top of the device table, click **Assign to Group**.
 - d) Select a device group from the Group drop-down list.
 - e) Click **Add to Group**.

Next steps

Remove devices from a group by selecting the checkbox next to the device name and clicking **Remove from Group** in the upper right corner.