

Suppress detections with tuning parameters

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Provide information about your network environment so that the ExtraHop system can suppress low-value or redundant detections from ever being generated.

You can add tuning parameters from the [Tuning Parameters](#) or [Network Localities](#) pages, or you can add them directly from a detection card. In addition, you can classify IP address ranges as internal or external to your network.

Learn more about [tuning detections](#).


Specify tuning parameters for detections

Specify tuning parameters to suppress detections from ever being generated.

If your ExtraHop deployment includes a console, we recommend that you [transfer management](#) of all connected sensors to the console.



Note: The fields on this page might be added, deleted, or modified over time by ExtraHop.

1. Log in to the ExtraHop system through `https://<extrahop-hostname-or-IP-address>`.
2. Click the System Settings icon  and then click **Tuning Parameters**.
3. Specify values for any of the following parameters available on the page.

Option	Description
Gateway Devices	<p>By default, gateway devices are ignored by rules-based detections because they can result in redundant or frequent detections.</p> <p>Select this option to identify potential issues with gateway devices such as your firewalls, routers, and NAT gateways.</p>
Inbound Tor Nodes	<p>By default, inbound connections from known Tor nodes are ignored by rules-based detections because they can result in low-value detections in environments with minimal Tor traffic.</p> <p>Select this option to identify detections on inbound connections from known Tor nodes if your environment observes substantial incoming Tor traffic.</p>
Outbound Tor Nodes	<p>By default, outbound connections to known Tor nodes are ignored by rules-based detections because they can result in low-value detections in environments with minimal Tor traffic.</p> <p>Select this option to identify detections on outbound connections to known Tor nodes if your environment observes substantial outgoing Tor traffic.</p>
Accelerated Beaconsing Detection	<p>By default, the ExtraHop system detects potential beaconsing events over HTTP and SSL.</p>

Option	Description
	<p>Select this option to detect beaconing events faster than the default detection.</p> <p>Note that enabling this option can increase the detection of beaconing events that are not malicious.</p>
Allowed DNS Sinkhole IP Addresses	<p>Specify sinkhole IP addresses that are allowed to be returned in DNS query responses that you want rules-based detections to ignore.</p> <p>Specify a valid IP address or CIDR block.</p> <p>If you do not specify a value, detections that rely on this parameter are not generated.</p>
Approved Public DNS Servers	<p>Specify public DNS servers allowed in your environment that you want rules-based detections to ignore.</p> <p>Specify a valid IP address or CIDR block.</p> <p>If you do not specify a value for this parameter or for Approved Internal DNS Servers, detections that rely on this parameter might not be generated.</p>
Approved Internal DNS Servers	<p>Specify internal DNS servers allowed in your environment that you want rules-based detections to ignore.</p> <p>From the drop-down list, start typing the name of the device, and then select a device from the filtered list.</p> <p>If you do not specify a value for this parameter or for Approved Public DNS Servers, detections that rely on this parameter might not be generated.</p>
Allowed HTTP CONNECT Targets	<p>Specify URIs that your environment can access through the HTTP CONNECT method.</p> <p>URIs must be formatted as <i><hostname>:<port number></i>. Wildcards and Regex are not supported.</p> <p>If you do not specify a value, detections that rely on this parameter are not generated.</p>
Approved User Agents	<p>Specify HTTP user agents in your environment that you want rules-based detections to ignore.</p> <p>Type a single user agent per field.</p>

4. Click **Save**.

Next steps

Click **Detections** from the top navigation menu to [view detections](#).

Add a tuning parameter or trusted domain from a detection card

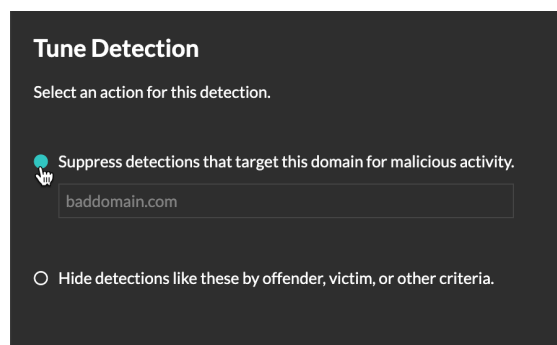
If you encounter a low-value detection, you can add tuning parameters and trusted domains directly from a detection card to keep similar detections from generating.

Before you begin

Users must have full write or higher [privileges](#) to tune a detection.

1. Log in to the ExtraHop system through `https://<extrahop-hostname-or-IP-address>`.
2. At the top of the page, click **Detections**.
3. Click **Actions** from the lower-left corner of the detection card.
4. Click **Tune Detection...**

If the detection type is associated with a tuning parameter, you will see the option to suppress the detection by adding a tuning parameter or trusted domain. If the detection does not have an associated tuning parameter, you can [hide the detection with a tuning rule](#).



5. Click the **Suppress detections...** option and click **Save**.

The Tuning Parameter Added confirmation appears and the new parameter is added to the [Tuning Parameters](#) page. For trusted domains, the domain is added under [Trusted Domains](#) on the Network Localities page.