

Specify high value devices through the REST API

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The ExtraHop REST API enables you to specify that a device is high-value. You can specify the device through the REST API Explorer or automate the procedure by reading device criteria from a CSV or similar file through a REST API script.

Specify a high value device through the REST API Explorer

 **Important:** The REST API Explorer is not available on Reveal(x) 360.

Retrieve the ID of the device

Before you can specify a high value device, you must retrieve the REST API ID of the device.

1. In a browser, navigate to the REST API Explorer.
The URL is the hostname or IP address of your ExtraHop system, followed by `/api/v1/explore/`. For example, if your hostname is `seattle-eda`, the URL is `https://seattle-eda/api/v1/explore/`.
2. Click **Enter API Key** and then paste or type your API key into the **API Key** field.
3. Click **Authorize** and then click **Close**.
4. Click **GET /devices**.
5. Click **Try it out**.
6. Click the **search_type** drop-down and select a search filter. Then, enter a criterion that identifies the device in the value field.
For example, to search for a device by IP address, select **ip address** and then type the IP address in the value field.
7. Click **Send Request**.
In the Response body section, note the `id` field of the device.

Specify a high value device


1. Click **PATCH /devices/{id}**.
2. Click **Try it out**.
3. In the **body** field, type the following JSON object:

```
{
  "custom_criticality": "critical"
}
```

4. In the **id** field, type the ID of the device that [you retrieved in the previous procedure](#).
5. Click **Send Request**.
If the request is successful, a 204 response code appears in the Server response section.

Retrieve and run the example Python script

The ExtraHop GitHub repository contains an example Python script that reads a list of IP addresses from a CSV file and specifies all devices with those addresses as high value.

 **Important:** The example python script authenticates to the ExtraHop system through an API key, which is not compatible with the Reveal(x) 360 REST API. To run this script with Reveal(x) 360, you must modify the script to authenticate with API tokens. See the [py_rx360_auth.py](#) script in the ExtraHop GitHub repository for an example of how to authenticate with API tokens.

1. Go to the [ExtraHop code-examples GitHub repository](#) and download the contents of the `specify_high_value` directory to your local machine.
2. In a text editor, open the `ip_list.csv` file and replace the IP addresses with the IP addresses of the devices you want to specify as high value.
3. In a text editor, open the `specify_high_value.py` file and replace the following configuration variables with information from your environment:
 - **HOST:** The IP address or hostname of the ExtraHop system
 - **API_KEY:** The API key
4. Run the following command:

```
python3 specify_high_value.py
```



Note: If the script returns an error message that the SSL certificate verification failed, make sure that [a trusted certificate has been added to your ExtraHop system](#). Alternatively, you can add the `verify=False` option to bypass certificate verification. However, this method is not secure and not recommended. The following code sends an HTTP GET request without certificate verification:

```
requests.get(url, headers=headers, verify=False)
```