ThreatQuotient

A Securonix Company



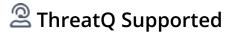
Imperva Action

Version 1.0.0

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ThreatQuotient

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Support

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Support Email: support@threatq.com **Support Web**: https://support.threatq.com

Support Phone: 703.574.9893

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.0
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Compatible with ThreatQ >= 5.26.0

Versions

ThreatQ TQO License Yes Required

Support Tier ThreatQ Supported



Introduction

The Imperva Action integration for ThreatQ enables the automatic export of IP Addresses from ThreatQ to an Imperva WAF Policy.

The integration provides the following action:

• Imperva - WAF Policy Management - exports IP Addresses from the ThreatQ platform to Imperva.

The action is compatible with the following indicator types:

- CIDR Block
- IP Address
- IPv6 Address



This action is intended for use with ThreatQ TDR Orchestrator (TQO). An active TQO license is required for this feature.



Prerequisites

- An active ThreatQ TDR Orchestrator (TQO) license.
- A data collection containing at least one if the following indicator types:
 - CIDR Block
 - IP Address
 - IPv6 Address
- An Imperva API ID and API Key.



Installation

Perform the following steps to install the integration:



The same steps can be used to upgrade the integration to a new version.

- 1. Log into https://marketplace.threatq.com/.
- 2. Locate and download the action zip file.
- 3. Navigate to the integrations management page on your ThreatQ instance.
- 4. Click on the Add New Integration button.
- 5. Upload the action zip file using one of the following methods:
 - Drag and drop the zip file into the dialog box
 - Select Click to Browse to locate the zip file on your local machine



ThreatQ will inform you if the action already exists on the platform and will require user confirmation before proceeding. ThreatQ will also inform you if the new version of the action contains changes to the user configuration. The new user configurations will overwrite the existing ones for the action and will require user confirmation before proceeding.

You will still need to configure the action.



Configuration



ThreatQuotient does not issue API keys for third-party vendors. Contact the specific vendor to obtain API keys and other integration-related credentials.

To configure the integration:

- 1. Navigate to your integrations management page in ThreatQ.
- 2. Select the **Actions** option from the *Category* dropdown (optional).
- 3. Click on the action entry to open its details page.
- 4. Enter the following parameters under the **Configuration** tab:



The configurations set on this page will be used as the default settings when inserting this action into a new workflow. Updating the configurations on this page will not update any instances of this action that have already been deployed to a workflow. In that scenario, you must update the action's configurations within the workflow itself.

PARAMETER	DESCRIPTION		
Imperva API ID	Enter your Imperva API ID used to authenticate.		
Imperva API Key	Enter Your Imperva API Key used to authenticate.		
Enable SSL Certificate Verification	Enable this parameter if the action should validate the host-provided SSL certificate.		
Disable Proxies	Enable this parameter if the action should not honor proxies set in the ThreatQ UI.		
Imperva WAF Policy Name	Enter a name for an existing policy. If the policy does not exist on Imperva, a new policy will be created.		
Policy Description	Enter a description to be added when a policy is created.		



PARAMETER

DESCRIPTION

Action

Select the action performed on the requests arriving from each IP Address. Options include:

- Block (default)
- Allow



Modifying the action for an existing policy necessitates the recreation of that policy and all the existing IP Addresses are deleted.

Clear IP Address List on Manual Run

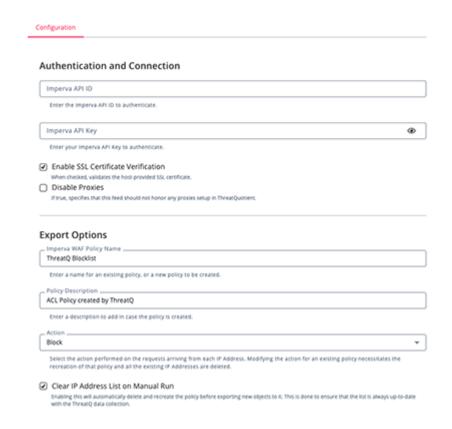
Enable this parameter to automatically delete and recreate the policy before exporting new objects to it. This is done to ensure that the list is always up-to-date with the ThreatQ data collection. This parameter is enabled by default.

Objects Per Run

Enter the number of objects to process per run of the workflow.

Imperva - WAF Policy Management







5. Review any additional settings, make any changes if needed, and click on Save .					



Actions

The following action is available:

ACTION	DESCRIPTION	OBJECT TYPE	OBJECT SUBTYPE
Imperva - WAF Policy Management	Exports IP Addresses from a ThreatQ data collection to Imperva.	Indicator	IP Address



Imperva - WAF Policy Management

The Imperva - WAF Policy Management action exports IP Addresses from a ThreatQ data collection to Imperva.

The action utilizes four supplemental feeds:

- Imperva Search Policy
- Imperva Create Policy
- Imperva Add IPs to Policy
- Imperva Delete Policy



Imperva - Search Policy (supplemental)

The Imperva - Search Policy supplemental feed returns all the WAF policies from Imperva and searches for the name supplied in the user configuration Imperva WAF Policy Name parameter.

GET https://api.imperva.com/policies/v2/policies?extended=true

Sample Response:

```
{
  "value": [
    {
      "defaultPolicyConfig": [],
      "policySettings": [
        {
          "id": 8178855,
          "policyId": 1943815,
          "settingsAction": "BLOCK",
          "policySettingType": "IP",
          "data": {
            "ips": [
              "5.15.134.0/24",
              "2606:4700:4700:0000:0000:0000:0000:1111",
              "1.0.0.1"
            ]
          },
          "policyDataExceptions": []
        }
      "id": 1943815,
      "name": "ThreatQ Blocklist",
      "description": "ACL Policy created by ThreatQ",
      "enabled": true,
      "accountId": 2359055,
      "policyType": "ACL",
      "lastModified": "Aug 1, 2025, 7:13:50 AM",
      "lastModifiedBy": 2689953,
      "blockRoute": true
    }
  ],
  "isError": false
```



ThreatQuotient does not provide a mapping for this function. If a policy is found the keys .id and .policySettings.id[policySettingType=IP] are used in the next requests as POLICY_ID and POLICY_IP_SETTING_ID.



Imperva - Create Policy (supplemental)

The Imperva - Create Policy supplemental feed creates a new policy in the event it does exist or it was deleted (the policy type was changed, or it was cleared during a manual run).

POST https://api.imperva.com/policies/v2/policies

Sample Body:

```
{
  "name": "ThreatQ Blocklist",
  "description": "ACL Policy created by ThreatQ",
  "enabled": true,
  "policyType": "ACL",
  "policySettings": [
    {
      "settingsAction": "BLOCK",
      "policySettingType": "IP",
      "data": {
        "ips": [
          "1.2.3.4",
          "8.8.8.8"
        ]
      }
    }
  ]
}
```

Sample Response:

```
"value": {
  "defaultPolicyConfig": [],
  "policySettings": [
    {
      "id": 8179147,
      "policyId": 1943865,
      "settingsAction": "BLOCK",
      "policySettingType": "IP",
      "data": {
        "ips": [
          "1.2.3.4",
          "8.8.8.8"
      },
      "policyDataExceptions": []
  ],
  "id": 1943865,
  "name": "ThreatQ Blocklist",
  "description": "ACL Policy created by ThreatQ",
```



```
"enabled": true,
  "accountId": 2359055,
  "policyType": "ACL",
  "lastModified": "Aug 1, 2025, 9:15:51 AM",
  "lastModifiedBy": 2689953,
  "blockRoute": true
},
"isError": false
```



ThreatQuotient does not provide a mapping for this function. The keys .id and .policySettings.id[policySettingType=IP] are used in the next requests as POLICY_ID and POLICY_IP_SETTING_ID.



Imperva - Add IPs to Policy (supplemental)

The Imperva - Add IPs to Policy supplemental feed appends IP Address to the exiting WAF Policy. POST https://api.imperva.com/policies/v2/policies/{{POLICY_ID}}

Sample Body:

Sample Response:

```
"isError": false,
"value": {
  "accountId": 2359055,
  "defaultPolicyConfig": [],
  "description": "ACL Policy created by ThreatQ",
  "enabled": true,
  "id": 1943815,
  "lastModified": "Aug 1, 2025, 7:13:49 AM",
  "lastModifiedBy": 2689953,
  "name": "ThreatQ Blocklist",
  "policySettings": [
    {
      "data": {
        "ips": [
          "1.2.3.4",
          "8.8.8.8",
          "1.2.3.5",
          "8.8.8.9"
        ]
      },
      "id": 8178855,
      "policyDataExceptions": [],
      "policyId": 1943815,
      "policySettingType": "IP",
      "settingsAction": "BLOCK"
```



```
}
],
"policyType": "ACL"
}
```



ThreatQuotient does not provide a mapping for this function since it only exports the IOCs.



Imperva - Delete Policy (supplemental)

The Imperva - Delete Policy supplemental feed deletes the WAF Policy if the policy type was changed or the user performs a manual run and the **Clear IP Address List on Manual Run** configuration parameter is enabled.

DELETE https://api.imperva.com/policies/v2/policies/{{POLICY_ID}}

Sample Response:

```
{
  "isError": false,
  "value": "Deleted successfully"
}
```



ThreatQuotient does not provide a mapping for this function.



Known Issues / Limitations

- Changing the action for a policy (Allow Whitelist / Block ACL) necessitates the recreation of that policy and all the existing IP Addresses are deleted.
- Performing a manual run with the configuration Clear IP Address List on Manual Run enabled necessitates the recreation of that policy and all the existing IP Addresses are deleted.



Change Log

- Version 1.0.0
 - Initial release