

# IP Blocklist

The **IP Blocklist Policy** blocks access to the resource of an API based on the IP address of the client. Users are able to use wildcard characters in specifying the IP addresses to be blocked. In addition, you have the option of specifying the return error code sent in the response to the client if a request is denied.

 An IP Blocklist policy overrides an [IP Allowlist policy](#).

 Before PAS 22.1.1 the name of this policy was **IP Blacklist**. Existing policy configuration will be shown with the old name.

Policy Type

IP Blocklist Policy

IP Blocklist Policy Configuration

IP Address HTTP Header

Optionally, a header can be used to identify the originating IP address of the client (e.g. [X-Forwarded-For](#)).

HTTP header (optional)

Failure Response

Choose how the gateway should respond to a client if the request fails due to a violation of this policy.

Server Error (500)

IP Addresses and Ranges

Manage the list of IP addresses in the box below. You can use IPv4 and IPv6 equivalents for:

- Literal addresses, such as: `192.0.2.0` or `2001:db8::1`
- CIDR address ranges, such as: `192.0.2.0/24` or `2001:db8:1212::/48`
- Dashed address ranges, such as: `192.0.2.0-192.0.2.10`
- Wildcards, such as: `192.0.2.*`

Clear

Remove

Enter an IP address...

Add

Add Policy

Cancel


On this Page:

- [Configuration Options](#)

Related Pages:

- [Policies](#)
  - [Assigning Policies](#)
  - [Policy Configuration](#)

## Configuration Options

Option	Type	Description	Possible Values	Default
IP Address HTTP Header	String	Optional. Tells the API Management to use the IP address found in the given HTTP request header <b>instead</b> of the one associated with the incoming TCP socket. <div> In the default setup the gateway runs behind a proxy. In the default scenario there is no need to add the header <b>X-Real-IP</b> in the custom header field <b>IP Address HTTP Header</b>.</div>	-	-
Failure Response	Enum	The server response code.	Authentication Failure (403) Not Found (404) Server Error (500)	None

Enter an IP address	Array [<ipList>]	The IP address(es), and/or ranges of addresses that will be blocked from accessing the API. IPv4 and IPv6 are supported.	<ul style="list-style-type: none"> <li>• Literal addresses</li> <li>• CIDR addresses ranges (netmasks)</li> <li>• Dashed addresses ranges</li> <li>• Wildcards</li> </ul>	-
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