

# ALLOWLIST

The **IP Allowlist Policy** allows access to an API's resource based on the IP address of the client. The user must specify the IP address ranges to be included from being able to access the API. Any addresses that are not explicitly allowed are not able to access the API. It is possible to use wildcard characters to specify the allowed IP addresses. It is also possible to define the return error code sent in the response to the client in case a request fails due to the violation of this policy.

 An **IP Blocklist** policy overrides an **IP Allowlist** policy.

## Configuration Options

IP Allowlist

Basic Configuration

Policy Response\*

Server Error (500)

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

☐ IP Address Rule

☐

Add

Delete

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Valid IP Formats

- Literal Addresses: 192.0.2.0 or 2001:db8::1
- CIDR Address Ranges: 192.0.2.0/24 or 2001:db8:1212::/48
- Dashed Address Ranges: 192.0.2.0-192.0.2.10
- Wildcards: 192.0.2.\*

Advanced Configuration

IP Address HTTP Header

Optionally, a header can be used to identify the original IP address of the client.

Cancel

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## Basic Configuration

Option	Description	Possible Values	Default
Failure Response	Select how the gateway should respond to a client if the request fails due to a violation of this policy.	<ul style="list-style-type: none"><li>• Authentication Failure (403)</li><li>• Not Found (404)</li><li>• Server Error (500)</li></ul>	Server Error (500)
IP Address Rule	The IP address(es), and/or ranges of addresses that will be allowed to access the API. IPv4 and IPv6 are supported.	valid IP formats such as: <ul style="list-style-type: none"><li>• Literal Addresses: 192.0.2.0 or 2001:db8::1</li><li>• CIDR Address Ranges: 192.0.2.0/24 or 2001:db8:1212::/48</li><li>• Dashed Address Ranges: 192.0.2.0-192.0.2.10</li><li>• Wildcards: 192.0.2.*</li></ul>	-

Click **Add** to create more rows in the table. Click **Delete** to remove selected rows.

## Advanced Configuration

Option	Description	Possible Values	Default
IP Address HTTP Header	<div>Optional. The header can be used to identify the original IP address of the client.</div> <div><div> The PAS gateway runs behind a proxy. 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></div>	a string	-

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