



HTTP Allow List Formats

This appendix contains information that can be used to generate and test HTTP Allow Lists.

- [Allow List Rules File Reference, on page 1](#)
- [Allow List Tests File Reference, on page 2](#)

Allow List Rules File Reference

You can define rules using a CSV file. This topic provides a reference to acceptable data for each rule argument and demonstrates the format of the CSV rules.

Table 1: Allow List Rule Arguments

| Argument index | Parameter name | Required/Optional | Sample value |
|----------------|----------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 | Url | Required | <code>protocol://host[:port][/path]</code> Where: <ul style="list-style-type: none">• protocol is http or https• host may be a DNS name or IP address• :port is optional, and may only be : followed by one number in the range 0-65535, for example: 8443• /path is optional and must conform to HTTP specification |
| 1 | Deployment | Optional | Name of the deployment that uses this rule. Required when you have more than one deployment, otherwise supply an empty argument. |
| 2 | | Optional | Comma-delimited list of HTTP methods, optionally in double-quotes, for example: "GET , PUT" |
| 3 | | Optional | exact or prefix . Default is prefix . |
| 4 | | Optional | Text description of the rule. Enclose with double quotes if there are spaces. |

Example List Rules CSV File

```
Url,Deployment,HttpMethods,MatchType,Description
https://myServer1:8443/myPath1,myDomain1,GET,, "First Rule"
http://myServer2:8000/myPath2,myDomain200,"GET,PUT",exact,
https://myServer3:8080/myPath3,myDomain1,,prefix,"Third Rule"
https://myServer4/myPath4,myDomain1,,prefix,"Fourth Rule"
http://myServer5/myPath5,myDomain1,,prefix,"Fifth Rule"
```

- List the parameter names (as shown) in the first line of the file
- One rule per line, one line per rule
- Separate arguments with commas
- Correctly order the rule values as shown in the table above
- Enclose values that have spaces in them with double quotes

Allow List Tests File Reference

You can define tests using a CSV file. This topic provides a reference to acceptable data for each test argument and demonstrates the format of the CSV tests.

Table 2: Allow List Test Arguments

| Argument index | Parameter name | Required/Optional | Sample value |
|----------------|----------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 | Url | Required | protocol://host[:port] [/path] Where: <ul style="list-style-type: none"> • protocol is http or https • host may be a DNS name or IP address • :port is optional, and may only be : followed by one number in the range 0-65535 • /path is optional and must conform to HTTP specification |
| 1 | ExpectedResult | Required | allow or block . Specifies whether the test expects that the rules should allow or block the specified URL. |
| 2 | Deployment | Optional | Name of the deployment to test with this URL. If you omit this argument, the test will use the default deployment. |
| 3 | Description | Optional | Text description of the rule. Enclose with double quotes if there are spaces. |
| 4 | HttpMethod | Optional | Specify one HTTP method to test for example, PUT . Defaults to GET if not supplied. |

Example List Tests CSV File

```
Url,ExpectedResult,Deployment,Description,HttpMethod
https://myServer1:8443/myPath1,block,"my deployment","a block test",GET
http://myServer2:8000/myPath2,allow,"my deployment","an allow test",PUT
https://myServer4/myPath4,allow,,,GET
http://myServer4/myPath4,block,,,POST
```

- List the parameter names (as shown) in the first line
- One test per line, one line per test
- Separate arguments with commas
- Correctly order the test values as shown in the table above
- Enclose values that have spaces in them with double quotes

