



## 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"><li>• protocol is <b>http</b> or <b>https</b></li><li>• host may be a DNS name or IP address</li><li>• :port is optional, and may only be : followed by one number in the range 0-65535, for example: <b>8443</b></li><li>• /path is optional and must conform to HTTP specification</li></ul>
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: <b>"GET, PUT"</b>
3		Optional	<b>exact</b> or <b>prefix</b> . Default is <b>prefix</b> .
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	<b>protocol://host[:port] [/path]</b> Where: <ul style="list-style-type: none"> <li>• protocol is <b>http</b> or <b>https</b></li> <li>• host may be a DNS name or IP address</li> <li>• :port is optional, and may only be : followed by one number in the range 0-65535</li> <li>• /path is optional and must conform to HTTP specification</li> </ul>
1	ExpectedResult	Required	<b>allow</b> or <b>block</b> . 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, <b>PUT</b> . Defaults to <b>GET</b> 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

