

You can specify one or more excluded URL patterns to avoid testing sections of a site during a scan. Web Security Scanner doesn't request resources that match any of the exclusions. The following sections describe the pattern matching that Web Security Scanner uses.

Excluded URL matching is based on a set of URLs defined by match patterns. A match pattern is a URL with 3 parts:

- **scheme:** for example, `http` or `*`
- **host:** for example, `www.google.com` or `*.google.com` or `*`
- **path:** for example, `/*`, `/foo*`, or `/foo/bar.*`

Following is the basic syntax:

The `*` in each part has the following function:

- **scheme:** `*` matches either HTTP or HTTPS.
- **host:**
  - `*` matches any host
  - `*.hostname` matches the specified host and any of its subdomains.
- **path:** `*` matches 0 or more characters.

The following table provides examples of valid patterns:

Pattern	Behavior	Sample matching URLs
<code>http://**/*</code>	Matches any URL that uses the HTTP scheme.	<code>http://www.google.com/</code> <code>http://example.org/foo/bar.html</code>
<code>http://**/foo*</code>	Matches any URL that uses the HTTP scheme, on any host, if the path starts with <code>/foo</code> .	<code>http://example.com/foo/bar.html</code> <code>http://www.google.com/foo</code>
<code>https://*.google.com/foo*bar</code>	Matches any URL that uses the HTTPS scheme and is on a <code>google.com</code> host – like <code>www.google.com</code> , <code>docs.google.com</code> , or <code>google.com</code> – if the path starts with <code>/foo</code> and ends with <code>bar</code> .	<code>http://www.google.com/foo/baz/bar</code> <code>http://docs.google.com/foobar</code>
<code>http://example.org/foo/bar.html</code>	Matches the specified URL.	<code>http://example.org/foo/bar.html</code>
<code>http://127.0.0.1/*</code>	Matches any URL that uses the HTTP scheme and is on the host <code>127.0.0.1</code> .	<code>http://127.0.0.1/</code> <code>http://127.0.0.1/foo/bar.html</code>
<code>*://mail.google.com/*</code>	Matches any URL that starts with <code>http://mail.google.com</code> or <code>https://mail.google.com</code> .	<code>http://mail.google.com/foo/baz/bar</code> <code>https://mail.google.com/foobar</code>

The following table provides examples of invalid patterns:

Pattern	Reason
<code>http://www.google.com</code>	The URL doesn't include a path.
<code>http://**foo/bar</code>	<code>*</code> in the host can be followed only by a <code>.</code> or <code>/</code> .
<code>http://foo.*.bar/baz</code>	If <code>*</code> is in the host, it must be the first character.

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**http:/bar**

The URL is scheme separator isn't properly formed. The "/" should be "//".

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**foo://\***

The URL scheme is invalid.

