

## Policy Rule Checking

<https://campus.barracuda.com/doc/41110901/>

Policy Rule Checking allows you to test [block/allow policies](#) you create on the **BLOCK/ACCEPT** pages for any or all of the following (each test is optional):

- URL or domain
- Originating IP address
- Time (i.e. a hypothetical time of day that a policy should apply, such as during lunch hour, for example)
- MIME Type - see the examples in the **MIME Type** column on the **BLOCK/ACCEPT > MIME Types** page

To use Policy Rule Checking:

1. Log into the Barracuda Web Security Gateway as *admin*.
2. Go to the **ADVANCED > Troubleshooting** page.
3. Fill in the fields in the **Policy Rule Check** section as described in the example below, and click **Check** to see test results.

You can optionally select the Realm/Username for LDAP, Local or other authentication set to which the policy should apply. Note that you may receive multiple results; if so, be aware that rules and [exceptions to rules](#) are listed in order of precedence. This means that the top entry takes precedence over entries below. Make sure your block/allow rules and your exceptions agree.

In this example, testing the URL [www.youtube.com](http://www.youtube.com) reveals two results: two different exceptions that were created on the **BLOCK/ACCEPT > Exceptions** page, and each one takes different actions with this URL.

The first exception, or rule, takes a Deny, or block action for *Authenticated* users for URLs that fall into the **Streaming Media** content category (see the **BLOCK/ACCEPT > Content Filter** page). In the second exception, which takes an Allow action, the same URL is allowed as a domain, and this exception applies to *All* users. The first rule or exception, which blocks the URL, is the action that will be taken because it is higher on the list of exceptions.

**POLICY RULE CHECK**

Test URL or Domain:   
*Domain against which to test policies.*

Realm/Username:    
*Simulate access to the Test Domain by this user. (Optional)*

Originating IP Address:   
*Simulate this IP address as the source of the test request. (Optional)*

Time:   
*Simulate this time, specified in 24-hour notation, for the test.*

MIME Type:   
*Simulate download of this file type. (Optional)*

**Check**

Test Results:

RULE	ACTION
Exception 19-Authenticated-Content Filter: streaming-media	Deny
Exception 36-All Users-Domains: youtube.com	Allow

## Figures

### 1. PolicyRuleCheckOutput.png

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