
Typosquatting Protection

<https://campus.barracuda.com/doc/67176434/>

The Typosquatting Protection service protects users from accessing URLs that may be misspelled and, therefore, misrepresented, by typosquatting.

What is Typosquatting?

Typosquatting is a common trick used by hackers to fool users into thinking they are visiting a valid domain, but the domain name is misspelled. When a user clicks on a typosquatted URL, the user is taken to a different domain that may be spoofing the expected domain. The Typosquatting Protection feature checks for common typos in a clicked or manually typed URL domain name. When a typosquatted domain is either clicked or manually miss-typed, the user is directed to a block page that indicates that this may not be the website they believe they are visiting, and provides a link to the legitimate URL, directing the user to the proper website.

For example, if the URL **https://www.tripadvisor.com** (where the 'i' and 'v' positions are switched in the domain name) appears on a website, or if the user types that URL, the service detects the typo and provides a block page with a link to the valid domain <https://www.tripadvisor.com>. The user can then click the legitimate link to visit the proper website.

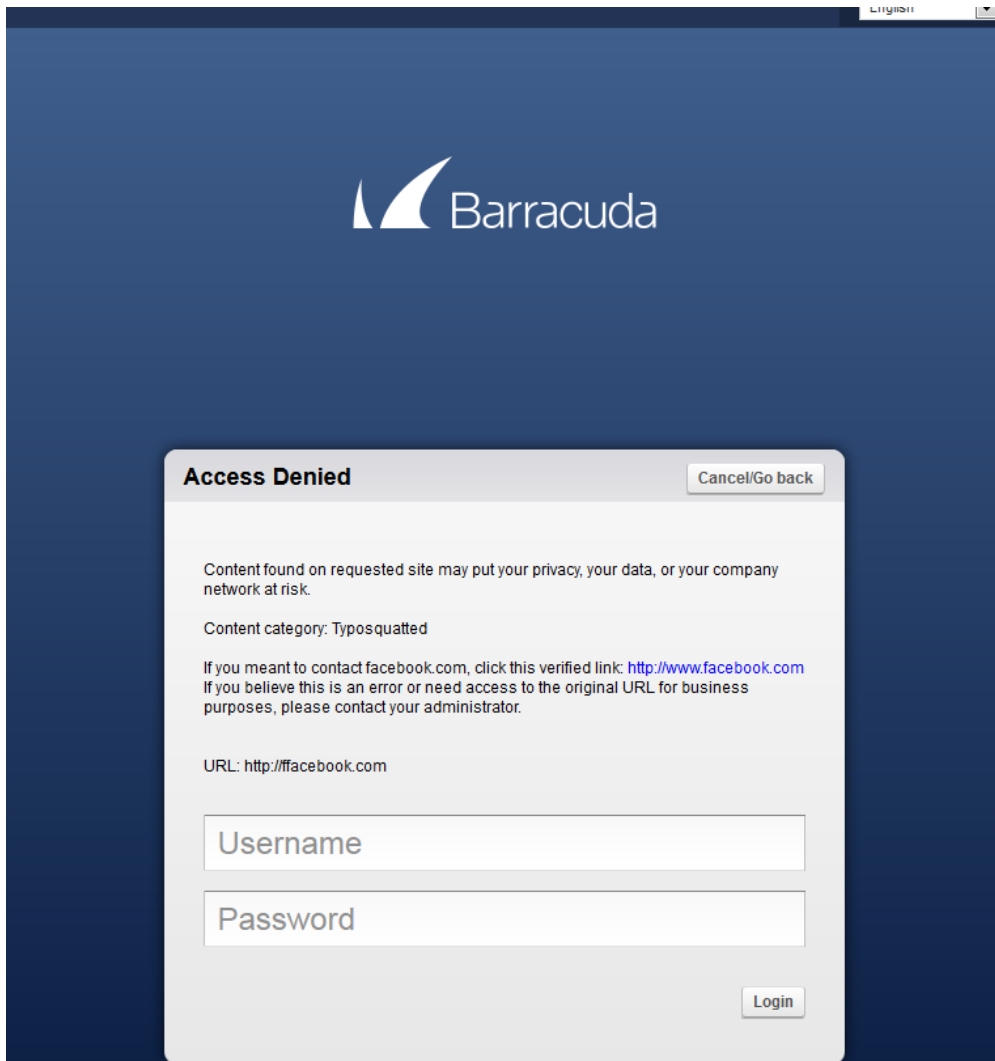
How to Enable Typosquatting Protection

1. Log into the Barracuda Web Security Gateway as *admin*.
2. Go to the **BLOCK/ACCEPT > Configuration** page.
3. In the **Typosquatting Protection** section, set **Enable Typosquatting Protection** to **Yes**.

Barracuda Typosquatting Protection works with the Barracuda Web Categorization Service (WCS) to determine misspelled domain names. See [Web Use Categories](#) for more information about the Barracuda WCS. If you want to allow any misspelled domains, you can recategorize the domain using the **BLOCK/ACCEPT > Custom Categories** page.

Typosquatting Block Page

If a user types a URL or clicks a link that is typosquatted, for example: **facebookk.com**, the Barracuda Web Security Gateway serves the following block page to the user, warning of fraud and providing a link to the correct domain:



How to Customize the Block Page

The administrator can create a custom message for the block page shown above using the tool on the **BLOCK/ACCEPT > Block Messages** page.

False Positives

If a domain is reported and blocked for the user as Typosquatted, but the domain is valid, you can reclassify that domain on the **BLOCK/ACCEPT > Content Filters** page under a category that is allowed. Use the **Typosquatting Log** report for a list of domains by category that were determined to be typosquatted, by user.

Figures

1. TSBlockPage.png

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