OX Abuse Shield

Release Notes for Release 2.0.1

2019-04-23

Copyright notice

1 General Information

Open-Xchange is pleased to announce the release of OX Abuse Shield v2.0.1.

OX Abuse Shield provides abuse-prevention for Web Applications (including Webmail), POP, and IMAP. It is integrated with both OX App Suite and Dovecot Pro to prevent login and authentication abuse as well as protecting against brute-force attacks.

The goal of OX Abuse Shield is to detect brute forcing of passwords across many servers, services and instances, as well as enforce policy for authentication and authorization. In order to support the real world, brute force detection policy can be tailored to deal with "bulk, but legitimate" users of your service, as well as botnet-wide slow-scans of passwords.

The new OX Abuse Shield v2.0.1 provides the following fixes:

- Fix blacklisted always true in getDBStats output - Fix unitialized variable causing getDBStats command to always return blacklisted: true.
- Fix Thread names Display Issue - Thread name support was implemented, but wasn't working due to compile dependency issues. This is now fixed meaning that top will show thread names when called with the -H option for example.
- Fix Sibling TCP Connect Issue on Startup - Support for sibling using tcp was added in 2.0.0, however when siblings are defined as TCP, wforce was attempting to connect to them on startup. If several wforce servers were started at the same time, this would cause a delay while each tries to connect to the other over TCP but fails. This fix delays TCP connection until the first replication attempt. Note that any static blacklist entries in the config will cause a replication attempt on startup and this will trigger the same startup delay behaviour. Thus it is not recommended to create static blacklist entries in the config.
- Fix non-UTF-8 Login Name Issue - Replication of data used the protobuf "string" type, which gets validated on parsing to ensure it is a UTF-8 string. However, certain fields such as login can contain non-UTF-8 characters, so this fix changes to use the "bytes" type instead. This fix is backwards compatible because string and bytes types are identical on the wire.

A more detailed overview of the main functions and technical descriptions of OX Abuse Shield can be found at the Whitepaper under: http://software.open-xchange.com/products/weakforced/doc/OX_Whitepaper_OX_Abuse_Shield_2_0_1.pdf

Download and Installation

For further details about OX Abuse Shield installation and configuration, mandatory and optional packages, policies, please refer to the documentation provided: http://oxpedia.org/wiki/index.php?title=AppSuite:OX_Abuse_Shield

2 Shipped Product and Version

OX Abuse Shield 2.0.1-rev1

Find more information about product versions and releases at http://oxpedia.org/wiki/index.php?title=AppSuite:Versioning_and_Numbering and http://documentation.open-xchange.com/.