



Dovecot Anti-Abuse Shield
Release Notes for Release 1.4.1

2017-12-01

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1 General Information

Dovecot Anti-Abuse Shield is included with Dovecot Pro and works with both Dovecot Pro and OX App Suite as a component to protect against login/authentication abuse. Anti-Abuse Shield runs on a cluster of servers, and integrates with OX App Suite and Dovecot to detect abuse, brute force attacks and also to enforce common authentication/authorization policies across the platform.

Please note: Dovecot Anti-Abuse Shield is only available for customers who have a valid Dovecot Pro license and Dovecot Pro v2.2.27.1. onwards.

The main focus is a fix for mapped v4 addresses inside v6 addresses, for customers accepting logins on IPv6.

A Whitepaper can be found at: http://software.open-xchange.com/products/appsuite/doc/Whitepaper_Dovecot_Anti_Abuse_Shield.pdf.

For details of how to install and configure Dovecot Anti-Abuse Shield please refer to the instructions found at: http://oxpedia.org/wiki/index.php?title=AppSuite:Dovecot_Antiabuse_Shield.

Fix for mapped v4 addresses inside v6 addresses

When using IPV6, specifically when enabling dovecot (or a loadbalancer) to listen on IPv6 and v4 addresses simultaneously, IPv4 addresses would be passed to wforce in "mapped" format, i.e. as v4 addresses mapped inside the V6 address space. For example rather than "1.2.3.4", they would be sent as "::ffff:1.2.3.4".

The wforce daemon would treat such addresses as IPv6 addresses, which caused problems with statistics databases configured with an IPv6 prefix. For example, for a statistics DB configured with a /64 prefix, *all* ipV4 addresses would be treated as a single address.

This release now treats mapped v4 addresses as a special case, and converts them to a true IPv4 address before utilisation by the wforce daemon functions.

2 Shipped Product and Version

Dovecot Anti-Abuse Shield 1.4.1-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/>.