

# Release Notes for Open-Audit v1.12.10

This release is mostly a bugfix release with one new feature exception.

NOTE - If running on Windows 2012r2 there is an issue with scheduled tasks. This will be addressed in a future update.

## Configuration options for device matching

Now in the configuration section, there are options for improved matching of a submitted device details and those already in the database. The options are quite self explanatory. If it's a single attribute and it matches, the devices are considered to be the same device. If the option is for multiple attributes, all specified attributes must match before the devices are considered to be the same.

Some points of interest.

The `dus_id` (under Linux) is *supposed* to be a unique field. Unfortunately when a Linux machine is cloned under VMware (and likely other hypervisors) this unique id is not recreated. System Administrators should do this, but it appears not many do and we end up with false positive matches occurring. This was not an option prior to 1.12.10, but now is.

VMware (at least on the desktop) can also provide issue's for us with Mac Addresses. If multiple desktops have VMware Workstation (or Fusion) installed, VMware tends to use the same bunch of Mac Addresses across machines. In theory this should be fine (for VMware) because these machines are on different networks. Obviously for Open-Audit this presents an issue when we match machines based on Mac Address. hence the option for `match_mac_vmware`. Leave this at 'n' to prevent this occurring.

The available options for matching devices

are: `match_dbus`, `match_fqdn`, `match_hostname`, `match_hostname_dbus`, `match_hostname_serial`, `match_hostname_uuid`, `match_ip`, `match_mac`, `match_mac_vmware`, `match_serial`, `match_serial_type`

Option	Default
<code>match_dbus</code>	n
<code>match_fqdn</code>	y
<code>match_hostname</code>	y
<code>match_hostname_dbus</code>	y
<code>match_hostname_serial</code>	y
<code>match_hostname_uuid</code>	y
<code>match_ip</code>	n
<code>match_mac</code>	n
<code>match_mac_vmware</code>	n
<code>match_serial</code>	y
<code>match_serial_type</code>	y
<code>match_uuid</code>	y

## Change Log

Open-Audit	Bug	Blessed Subnets doesn't work using IPv6
Open-Audit	Improvement	Change the default datetime to 2001-01-01 00:00:00 because of newer MySQL/MariaDB
Open-Audit	Bug	Check the database backup includes the stored procedure
Open-Audit	Bug	Class not showing on Bulk Edit screen
Open-Audit	Improvement	Deprecate <code>audit_subnet_windows.vbs</code> and <code>nmap_windows.vbs</code>
Open-Audit	Improvement	Fix JS for IE
Open-Audit	Improvement	Fix SVG definitions for IE
Open-Audit Enterprise	Bug	Check the installer set permissions on other/scripts under Linux?
Open-Audit	Improvement	OAE mismatching devices on dbus identifiers

Open-Audit	Improvement	OSX Sierra disk changes breaking pre-Sierra
Open-Audit	Improvement	Open Audit 1.12.8.2 DB upgrade (remove orphaned rows)
Open-Audit	Bug	Partition Alert report error
Open-Audit Enterprise	Improvement	Remove Ubuntu 16.04 restriction from installer
Open-Audit	Improvement	Remove edit button from Queries list
Open-Audit	Improvement	Rename some descriptors on the SNMP v3 fields
Open-Audit Enterprise	Request	Schedule discovery form still includes completing credential details (remove)
Open-Audit	Bug	Search is broken
Open-Audit Enterprise	Improvement	Change the "System" menu in OAE to "Admin"
Open-Audit	Bug	Unable to Add Groups
Open-Audit	Bug	Unable to Manually Add Devices (IE JS)
Open-Audit	Bug	View Devices button on network display page not working in IE 11
Open-Audit	Improvement	Weird SNMP result on Windows for Mac Address
Open-Audit	Improvement	Windows discovery fails with PHP error wmi_helper.php
Open-Audit	Improvement	audit_osx.sh disk changes because of Sierra