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(Login to the Bradford Networks Customer Portal for access to hyperlinks on this page)

## REGISTER A GAMING DEVICE

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From within the Captive Portal, clients have the ability to register their gaming devices through the Gaming Device Registration Page.

Several requirements must be met in order for a device to register successfully:

1. The gaming device's Vendor OUI (first 6 characters in a host's physical address) must be in the FortiNAC Vendor OUI database.

(To verify requirement 1, refer to page 2).

2. The Registration Type of the Vendor OUI must be set to Gaming Device. If it is not, the Registration Type Override can manually be set to Gaming Device. If one of these conditions are not met, attempting to register the gaming device may produce an "Invalid Gaming Device" error message.

(To verify requirement 2, refer to page 2).

3. There must be a host entry present for the gaming device in the Hosts View. The gaming device must have connected to the network in order for one to be present.

(To verify requirement 3, refer to page 4).

## Verifying Vendor OUIs

To verify the presence of a particular OUI and its associated Registration Type in the database, navigate to **System -> Settings -> Vendor OUIs**. If the OUI is already in the database, then the associated Vendor Name, Vendor Alias, Role, Registration Type and Registration Override values will display (if any).

If an OUI is not in the database, “No records found” will appear in the results section.

The screenshot shows the 'Vendor OUI' management page in Network Sentry. The search parameters section includes fields for Vendor OUI (00:1F:A7), Vendor Name, Vendor Alias, Registration Type (Manual), Registration Type Override (Use Default), and Role (Blah). Below the search parameters is a table titled 'Vendor OUIs - Displayed: 1 Total: 18941'. The table has columns for Vendor OUI, Vendor Name, Vendor Alias, Role, Registration Type, and Registration Type Override. The single entry in the table is for OUI 00:1F:A7, Vendor Name Sony, Registration Type Gaming Device, and Registration Type Override Use Default. At the bottom of the table, there are buttons for 'Add', 'Modify', and 'Delete', along with export options for CSV, PDF, and RTF.

Vendor OUI	Vendor Name	Vendor Alias	Role	Registration Type	Registration Type Override
00:1F:A7	Sony			Gaming Device	Use Default

Bradford Networks updates its Vendor OUI database based on Vendor OUIs registered with the IEEE Authority. Typically, Vendor OUI’s may be missing from the database for one of two reasons:

- It is not yet registered with IEEE.
- It was recently added to IEEE and will be added to FortiNAC upon the next auto-definition update.

An “Invalid Physical Address” message is typically displayed when attempting to register a device whose Vendor OUI is missing.

There are two ways to add a Vendor OUI:

- Manually (page 3)

Via Auto-Definition Updates (page 4)

## Adding a Vendor OUI Manually

The Vendor OUI can be added to the database manually with the Add button from the Vendor OUI view.

The screenshot displays the 'Vendor OUI' management interface in the Network Sentry application. The main window title is 'Vendor OUI' and the application logo is 'NETWORK SENTRY'. The interface includes a search bar, navigation tabs (Bookmarks, Users, Hosts, Network Devices, Logs, Policy, System, Help), and a search parameters section. The search parameters section contains fields for Vendor OUI, Vendor Name, and Vendor Alias, along with a search button. The main content area shows a table of Vendor OUIs with columns for Vendor OUI, Vendor Name, and Vendor Alias. The table is currently empty, displaying 'No records found.' A modal dialog box titled 'Add Vendor OUI' is open, prompting the user to specify the Vendor OUI (e.g., 00:1F:A7), Vendor Name (e.g., Sony), Vendor Alias, Description, Role (NAC-Default), Registration Type (Manual), and Registration Type Override (Gaming Device). The dialog box includes OK and Cancel buttons.

★ Vendor OUI NETWORK SENTRY Quick Search | Go | Log Out

Bookmarks Users Hosts Network Devices Logs Policy System Help

Search Parameters

The Vendor OUI is the first 3 octets of the Physical Address, represented in hexadecimal format (e.g., 00:30:48). The Vendor Name identifies the vendor, and you can supply a Vendor Alias if desired. The Role, Registration Type and Registration Type Override are used when authenticating gaming devices.

Vendor OUI:   Registration Type:

Vendor Name:

Vendor Alias:

Search

Vendor OUIs - Display

<< first < prev next >

Vendor OUI	Vendor Name	Vendor Alias
No records found.		

Export to:

**Add Vendor OUI**

Specify the Vendor OUI (the first 3 octets of the MAC Address) and the name of the vendor that owns the Vendor OUI. The Vendor Alias will be displayed as the Host Name and the Description will be in the O/S field. Role will be used as the Host's Role.

The Registration Type is the type of registration (Manual or Automatic - Gaming Device) that is specified through the AutoDef Synchronization Update. Use a Registration Type Override when you want to specify a Registration Type that is different than the default supplied by the Update.

Vendor OUI:  (e.g., 00:1D:09)

Vendor Name:

Vendor Alias:

Description:

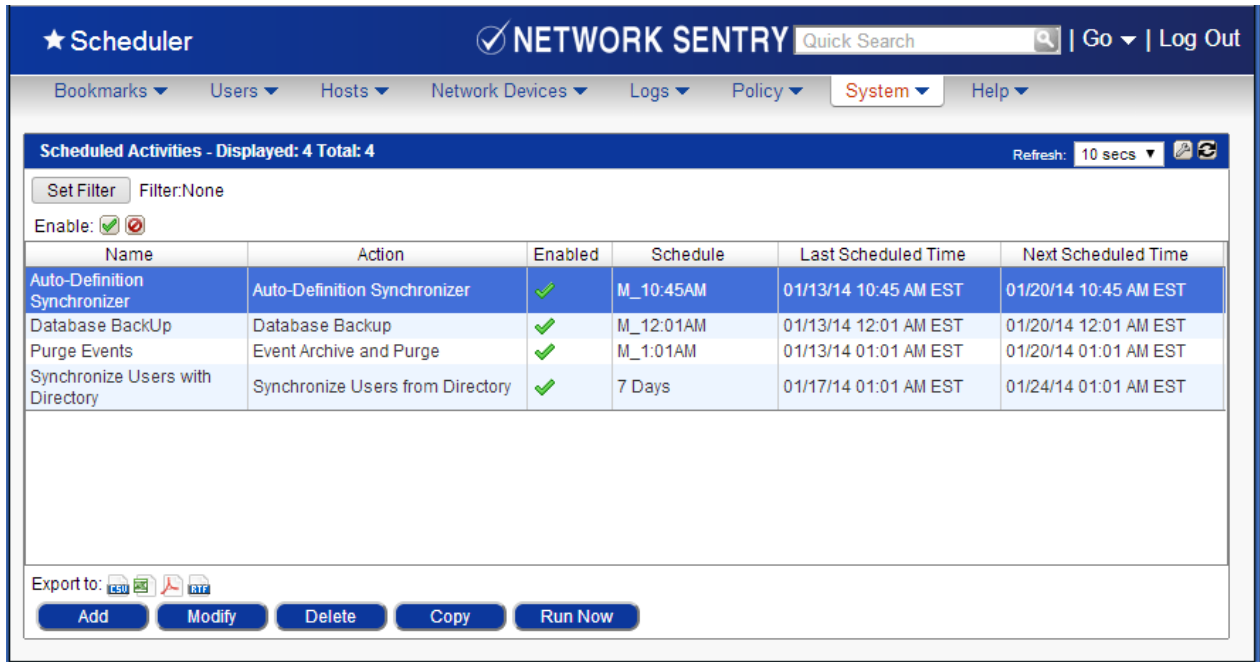
Role:

Registration Type:

Registration Type Override:

## Adding Vendor OUIs Using Auto-Definition Updates

The FortiNAC Vendor OUI database is updated by auto-definition updates that Bradford Networks makes available every Monday. This auto-definition update can be run manually and/or automatically on a scheduled basis from the Scheduler view which can be found at **System -> Scheduler**.



The screenshot shows the FortiNAC Scheduler interface. At the top, there is a navigation bar with 'Scheduler' and 'NETWORK SENTRY' logos, a search bar, and 'Go' and 'Log Out' buttons. Below this is a menu bar with 'Bookmarks', 'Users', 'Hosts', 'Network Devices', 'Logs', 'Policy', 'System', and 'Help'. The main content area is titled 'Scheduled Activities - Displayed: 4 Total: 4' and includes a 'Refresh: 10 secs' button. A 'Set Filter' button and 'Filter: None' text are present. Below this is an 'Enable' section with a checked checkbox and a disabled checkbox. The main table has the following data:

Name	Action	Enabled	Schedule	Last Scheduled Time	Next Scheduled Time
Auto-Definition Synchronizer	Auto-Definition Synchronizer	✓	M_10:45AM	01/13/14 10:45 AM EST	01/20/14 10:45 AM EST
Database BackUp	Database Backup	✓	M_12:01AM	01/13/14 12:01 AM EST	01/20/14 12:01 AM EST
Purge Events	Event Archive and Purge	✓	M_1:01AM	01/13/14 01:01 AM EST	01/20/14 01:01 AM EST
Synchronize Users with Directory	Synchronize Users from Directory	✓	7 Days	01/17/14 01:01 AM EST	01/24/14 01:01 AM EST

At the bottom of the table, there is an 'Export to:' section with icons for CSV, PDF, and RTF. Below the table are buttons for 'Add', 'Modify', 'Delete', 'Copy', and 'Run Now'.

## Verifying Presence of the Host in the Database

Navigate to **Hosts -> Host View** and search for the mac address of the host.

If the mac address cannot be found, FortiNAC does not have the mac address in its database. To ensure FortiNAC learns of the presence of the gaming device, confirm the following:

- The gaming device is online.
- The network device (e.g. switch or wireless controller) to which the gaming device connects is listed in Topology.
- The network device is reachable and L2 polls successfully complete.

If further assistance is needed, contact Support.