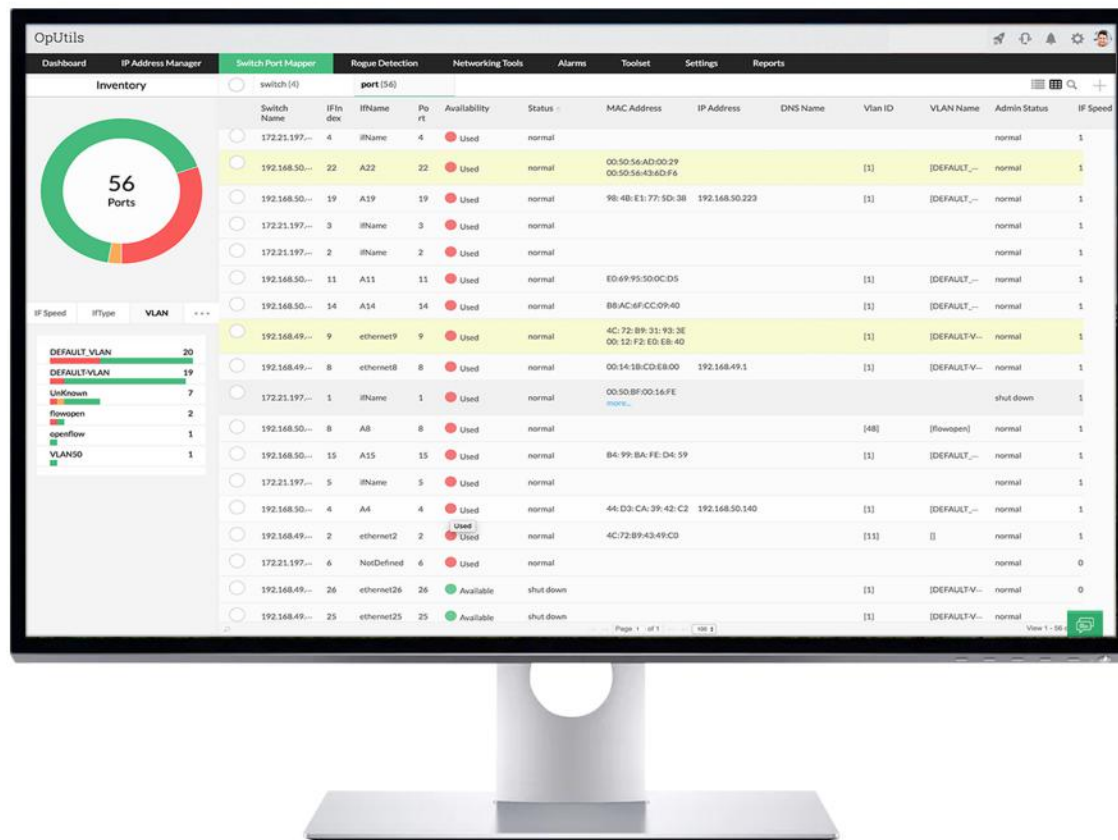**ManageEngine OpUtils**

ManageEngine OpUtils - A Switch Port and IP Address Management software

The role of a Network Administrator is to manage all the network resources efficiently. The administrator has to monitor the health and availability of the devices, check for disk space in critical servers, backup the configuration of routers/switches, monitor the bandwidth, restrict unauthorized network access, identify the devices connected to switch ports, and more. While it is possible to achieve this with several tools available in the market, an integrated solution is the need of the hour when it comes to troubleshooting and correlating data between several tools.

ManageEngine OpUtils is here to help you!

ManageEngine introduces OpUtils - an affordable, ready to use real time monitoring toolset geared towards helping engineers efficiently monitor, diagnose and troubleshoot IT resources. OpUtils is a Switch Port & IP Address Management software that helps network engineers manage their Switches and IP Address Space with ease. OpUtils complements existing management tools by providing troubleshooting and real-time monitoring capabilities. It is a Web-based, cross-platform tool, which runs on Windows and Linux.

> " *OpUtils has provided us a detailed and intuitive interface to easily manage our IP space and switch ports. We can easily find any system on our network through their switch port mapper tool and also quickly identify possible security violations.* "
>
> - Nichole K. Boscia, CSC
>   Sr. Network Engineer, NASA Ames Research Center, Advanced Supercomputing Division

The different sets of tools available in OpUtils are:

IP Address Management

IP Address Management helps to keep track of all your IP Addresses. IP Manager Software allows you to define a hierarchy to add all your subnets based on their usage/location and then scan them to get the current status of each of the IP addresses. The Connected switch ports are made visible using IP address manager.

Switch Port Management

Switch Port Mapper Utility of OpUtils software discovers the devices plugged into each port of a specified switch. The tool is useful for system and network engineers to gain visibility into the IP, MAC, status and port speed of each port. The Connected IP is made visible using a switch port mapper.

Rogue Device Detection

Tools that OpUtils periodically scans the routers & subnets to detect any new systems/devices found in the network. Initially it lists all the systems/devices discovered in the network that the administrator verifies & marks as valid systems/devices in the network. It blocks/unblocks unauthorized rogue devices.

Bandwidth Monitoring

Bandwidth Monitor tool provides the real-time network traffic of any SNMP device. It provides the bandwidth usage details both on at interfacelevel and at the device-level. It uses SNMP to fetch the bandwidth utilization details of network interface.

SNMP Tools

SNMP tools perform basic SNMP operations such as viewing the details of a MIB node, periodically queryingthe given SNMP device for the specified OID value to plot results in a graph and receive SNMP traps.

CISCO Tools

CISCO tools managed the cisco configuration files: Backup, Retrieve, compare and upload. It also scans a subnet/range of IP addresses to collect the details of the CISCO devices in scanned range.

Diagnostic Tools

Diagnostic tools is a collection of generic utilities, for say to day management of the system and network. The tools can beused to troubleshoot, debug connectivity issues, packets loss and latency issues in a LAN environment.

System Requirements

OS Supported :

i) Windows – 2000 Professional, XP Professional, Vista, Windows 8 / 7 (32 and 64 bit), Windows 2008, Windows 2008 R2, Windows 2012

ii) Linux - RedHat 4.x and above, Debian 3.0, Suse, Fedora and Mandrake.

Processor :

Dual Core/Core 2 Duo or Quad Core, 4GB RAM, Above 10GB Hard Disk Space

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