

## **EXTREME- Netsight Boot Camp**

### **Course Overview:**

Students will be introduced to Network Management and Visibility using the Extreme Networks Management tool, NetSight, for managing network devices. Using the Open Systems Interconnection (OSI) Network Management Model (NMM), students have these concepts reinforced with a hands-on lab experience working with a preconfigured network. Students will perform real world tasks around the areas of configuration, fault, performance, accounting, and security management functions.

### **Who Should Attend:**

Network Managers, Architects, and Systems Integrators.

### **Course Prerequisite:**

Students should possess an understanding of network fundamentals, and general network management concepts, as well as network security concepts and technologies. In addition, Extreme Networks recommends the following course prior to enrolling in the NetSight Boot Camp course: Networking Fundamentals.

### **Course Objectives:**

Upon completion of this course, students will have gained the working knowledge to successfully configure and manage their wired and wireless network environment as well as take the NetSight Specialist certification exam.

### **Course Agenda:**

- Configuration Management: Use NetSight Console Topology Manager, Inventory Manager and OneView Portview to help identify each device and its connections and components, such as software, image and bootrom version. In addition, students will also collect configurations, tracking configuration changes and the restoration of configurations as a result of hardware replacement or failures using tools such as Inventory Manager and XOS scripting.
- Fault Management: Use OneView, Console, Snmptraps, and Alarms configuration to help detect, identify and log log faults, and notify users of issues on the network to avoid unnecessary downtime or network degradation on the network and lose of data.
- Performance Management: Identify and monitor the network, i.e. throughput, utilization, error rates or network health using the OneView, Console Alarms based on Threshold rates and the Inventory Managers Capacity Planning tool. This subject will also touch on the use of Quality of Service (QoS), and Class of Service (CoS) as means of controlling traffic.
- Accounting Management: An overview of how to gather usage statistics of endsystems and end-users on the network which will allow for identification of current usage, trends, and behavior on the network in order to optimize the network using OneView Identity and Access, Wireless Reporting and Purview. Based on this information, access privileges and CoS can be established and enforced using a combination of Policy/NAC or Identity Management.
- Security Management: An overview and discussion of the tools that can be used to control authorization and access to assets in the network and to protect sensitive data, including performing actual application identification on the network and mapping these applications. Students will examine how NAC or Identity Management can identify an end-system on the network to help with the mapping of the Policy Role in conjunction with authentication of the device on the network.



Westcon™

Academy

**Recommended Next Course (s):** Network Access Control (NAC), BYOD Done Right

**For Managers:**

NetSight Boot Camp is targeted for users that have a strong background in networking as well as existing experience with Extreme Networks' products, and now require a more detailed level of knowledge of operation and management of their environment using the NetSight Management application.