Release Notes
SOFTWARE VERSION 8.3.1.4.3

Alcatel·Lucent
Enterprise

26801 West Agoura Road
Calabasas, CA 91301
(818) 880-3500 FAX (818) 880-3505

Service & Support Contact Information
North America: 800-995-2696
Latin America: 877-919-9526
EMEA: +800 00200100 (Toll Free) or +1(650)385-2193
Asia Pacific: +65 6240 8484
Web: businessportal2.alcatel-lucent.com
Email: ebg_global_supportcenter@al-enterprise.com

Table of Contents

Table of Contents

Section 1: General Information

This document contains the release notes for Websmart™ software running on the platforms listed below. The Websmart packages include Management, Switching, SNMP, QoS, and Web.

> **Note:** Not all features supported by all Websmart packages are available on all platforms to which Websmart software has been ported. References to the following features may be found in this guide but they are not currently supported in this release:
> - IPv6
> - SNMPv3

Important Documents

> **Note:** Access to technical documentation and software is available from the Service & Support site (https://businessportal2.alcatel-lucent.com).

See below for related documents.

Document (or Item) Name	Number
[1] Websmart Administrator Guide	060522-10
[2] OS2220 Hardware Guide	060524-10

Environments

OmniSwitch 2220 Platforms and Feature Overview

Model Number Description	
OS2220-8	Gigabit Ethernet WebSmart chassis in a 1U form factor with 8 x 10/100/1000 Base-T ports, 2 fixed SFP (1G) ports with internal power supply.
OS2220-P8	Gigabit Ethernet WebSmart chassis in a 1U form factor with 8 x 10/100/1000 Base-T PoE ports, 2 fixed SFP (1G) ports with internal power supply (75W power budget).
OS2220-24	Gigabit Ethernet WebSmart chassis in a 1U form factor with 24 x 10/100/1000 Base-T ports, 2 fixed SFP (1G) ports with internal power supply.
OS2220-P24	Gigabit Ethernet WebSmart chassis in a 1U form factor with 24 x 10/100/1000 Base-T PoE ports, 2 fixed SFP (1G) ports with internal power supply (190W PoE budget).
OS2220-48	Gigabit Ethernet WebSmart chassis in a 1U form factor with 46 x 10/100/1000 Base-T ports, 2 combo (RJ-45+SFP) ports, 2 fixed SFP (1G) ports with internal power supply.
OS2220-P48	Gigabit Ethernet WebSmart chassis in a 1U form factor with 46 x 10/100/1000 Base-T PoE ports, 2 combo (RJ-45+SFP) ports, 2 fixed SFP (1G) ports with internal power supply (384W PoE budget).
Transceivers	The following transceivers are supported on the OS2220 platforms: SFP-GIG-T - 1000Base-T Gigabit Ethernet Transceiver. SFP-GIG-SX - 1000Base-SX Gigabit Ethernet optical transceiver. SFP-GIG-LX - 1000Base-LX Gigabit Ethernet optical transceiver.
Feature Overview	• 8/24/48-port, Power over Ethernet and non-PoE models with fixed small form factor pluggable (SFP) 1G uplink interfaces • Reduced power consumption with Energy Efficient Ethernet (EEE) technology • Simplified web-based management • Easy MAC/IP-based ACLs.
Management Overview	• Web-based GUI (HTTP) • SNMP v1/v2/V3 • RMON • Cable test diagnostics
Security Overview	• 802.1X RADIUS access security • MAC filtering/port security • Guest VLAN • Broadcast storm recovery
Convergence	• Enhanced Voice over IP (VoIP) VLAN • Auto VoIP VLAN for Alcatel-Lucent Enterprise VoIP Phones • IEEE 802.3af/.at PoE+ for IP phones, WLAN access points and video cameras

Features Added/Modified in This Release

1. HTTPS Support Added.

Problem Reports Fixed Between 8.3.1.3.2 and 8.3.1.4.3

PR	Description
0031599	Not able to configure IP Named & IP Extended rule on single interface.
0031600	QOS fragmentation flag is not working.
0031603	Not able to configure ACL on Control tab.
0031608	Able to assign guset vlan id to pae port even though vlan id is not configured on switch.
0031621	Interface status is not shown after went down
0031660	System >> Port >> Cable Test : Uncommon results are shown after second test.
0031673	QoS>>Auto VIOP >> OUI Based Auto VOIP : OUI Based Auto VOIP is not working.
0031676	802.1P test result does not show as expected.
0031828	Supplicant PC does not get authenticated, but gets DHCP IP.
0031829	Portocol based AutoVOIP remarking doesn't work.
0032432	Machine Model and system description, Machine Type does not match.
0032434	IGMP Report Suppression Mode does not work.
0034003	Error received "Unable to set 'Participation' value in the device" while tagging VLAN in port 9 and 10
0034091	To configure dscp lldp with sip phone on OS2220
0034151	DUT hangs up while create mst instance contain 100 vlans.
0034153	The information of STP MST instances are messed up while change STP mode from MST to RSTP or STP.

Known Issues

The problems listed here include problems known at the time of the product's release.

PR	Description
0031573	System>Connectivity>IPv4>DHCP client identifier in GUI shows "0OmniSwitch,8.2.0.2,OS2220-P8-0030.ABFB.8819-vl1".
0031621	Interface status is not shown after went down.
0031625	Multicast packets drop occasionally when running 512 groups.
0031626	Add source, destination IP address and IGMP version for packets displayed in the IGMP table.
0032253	L3 switching throughput performance test failed.
0032383	Supplicant mac is not learned on mac-address-table.
0032388	Protocol based AutoVOIP Remarking doesn't work.
0032401	QOS fragmentation flag is not working on ACL.
0032403	No option to check "Assigned Queue" Rule Attributes on QOS ACL.
0032405	With Deny as Action on QOS ACL. Should not allow to configure any rule attributes it should be masked.
0032434	IGMP Report Suppression Mode does not work.
0032490	STP Hello timer invalid error and notification log are generated for all the BPDU packets.
0032498	RSTP mode path cost value is taken from External port path cost.
0033375	POE not working with Non-Extended Edition Alcatel Ip Phone
0034332	policy for this OS2220 switch is set to 1
0034611	We do not have option to check CPU utilization
0036423	No multicast stream is streaming when more than one device is connected to the switch

Section 2: Enabling HTTPS

1. HTTPS setting is disabled by default.

2. Certificate validity time will be set based on system time. Set the system time or sync with NTP.

3. Generate the certificate.
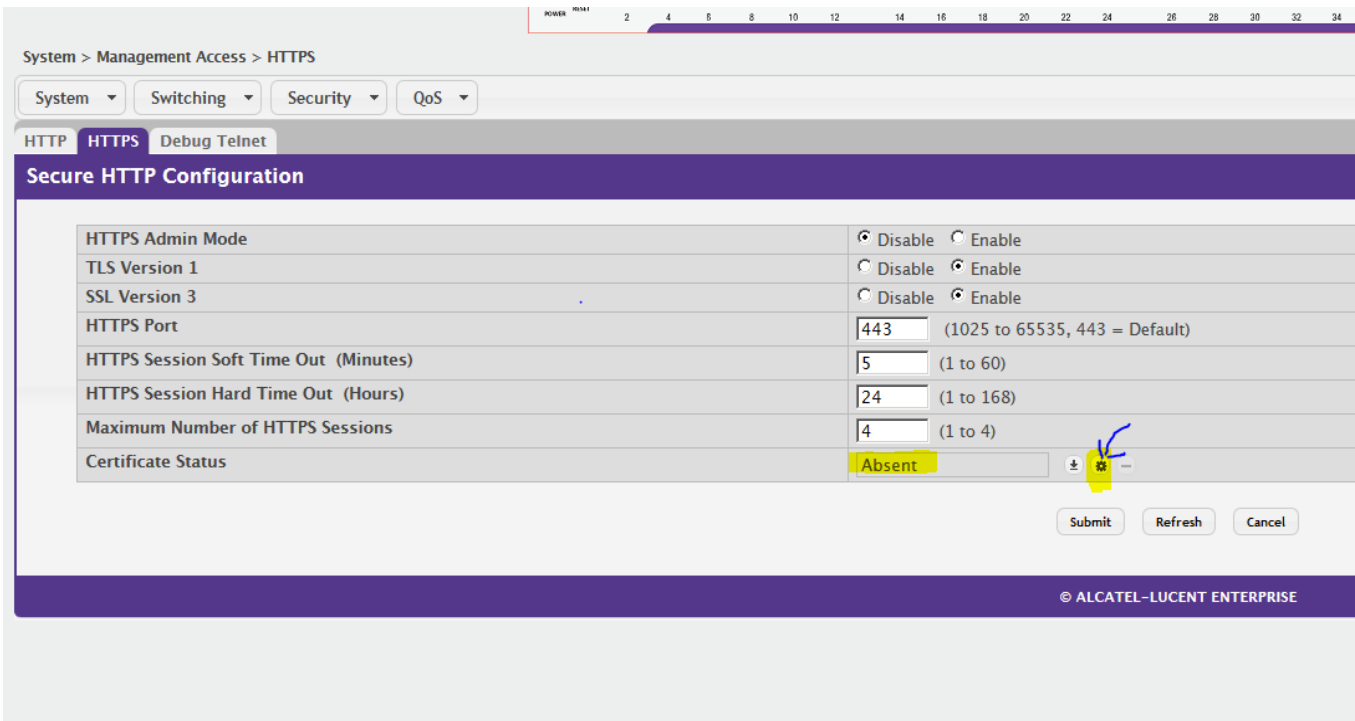
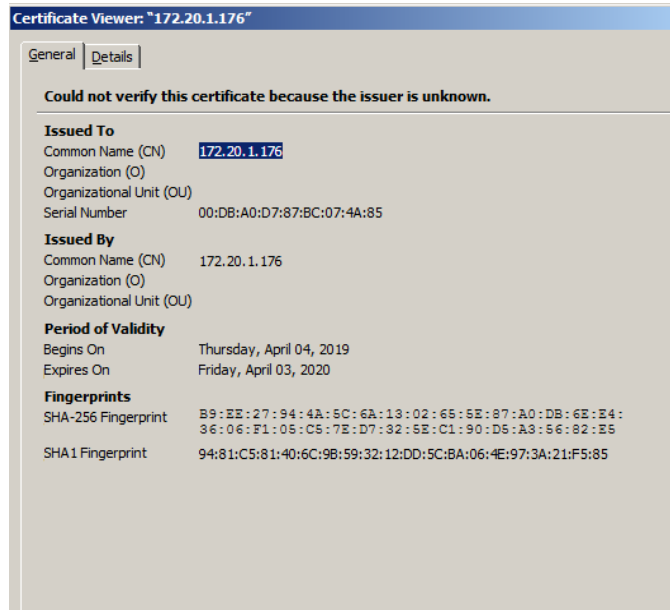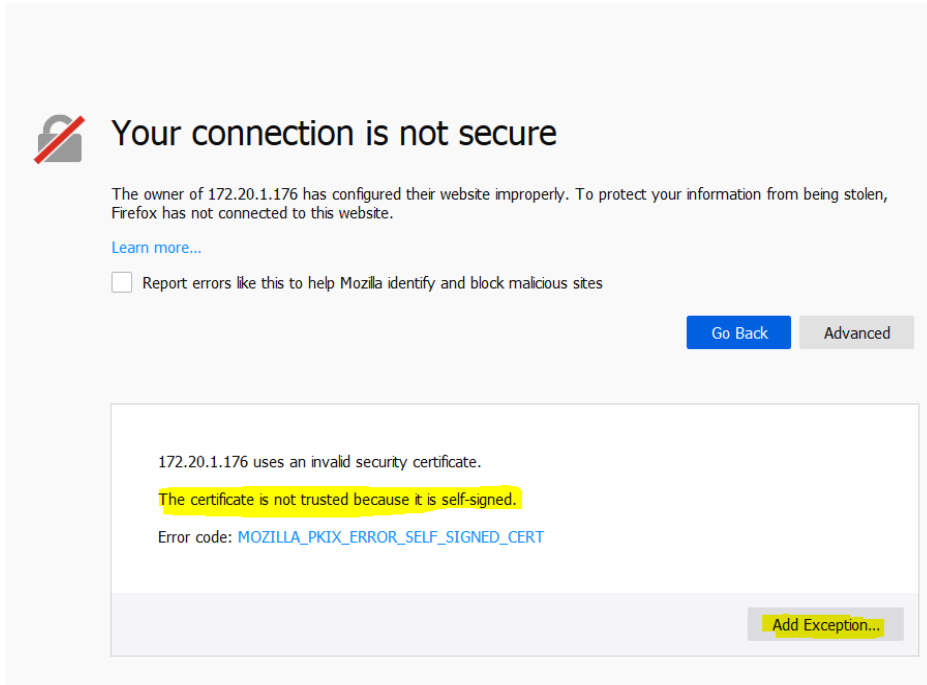4. The certificate status will be shown as "Present" after certificate is generated. Enable HTTPS Admin Mode.
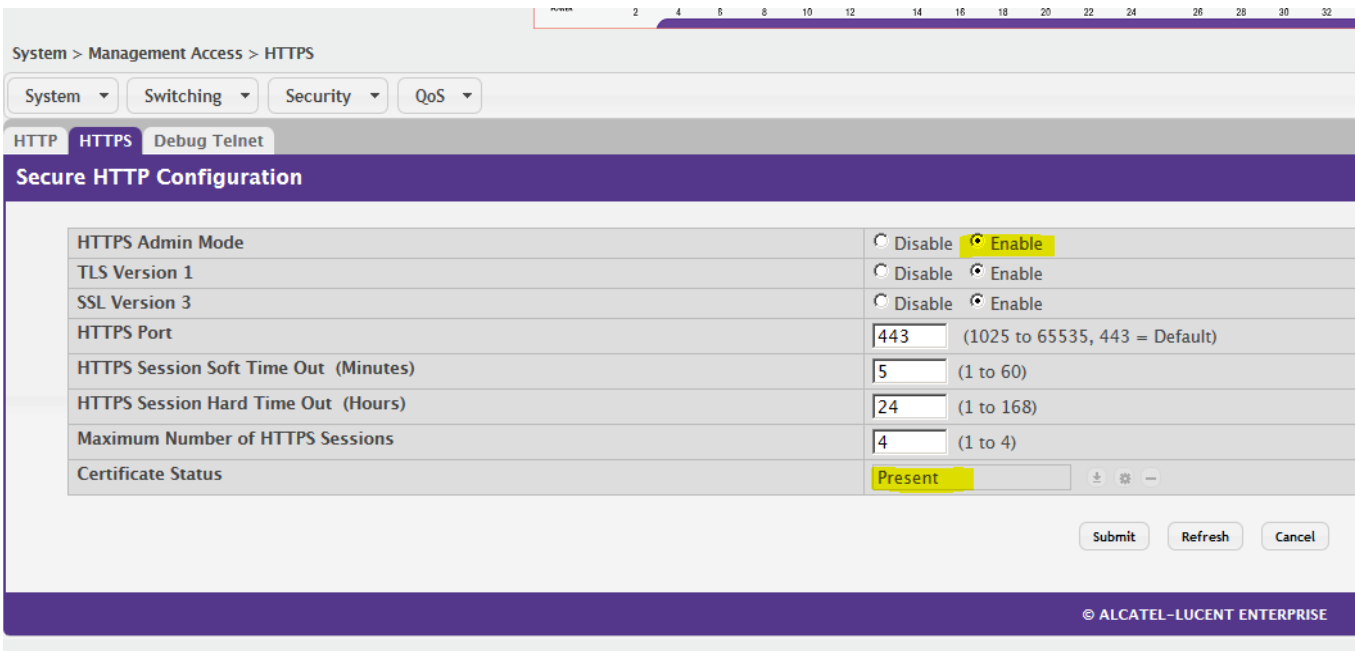
5. The certificate used on the switch is self-signed. The browser will return warning "your connection is not secure". Add the switch address to the exception list to proceed.

Section 3: Revision History

Revision	Date	Change Description
033280-00 Rev. A	April 2018	First Release
033280-00 Rev. B	April 2018	Added supported transceivers.
033280-00 Rev. C/D	N/A	Not Used.
033280-00 Rev. E	January 2019	8.3.1.3.2 GA Release
033280-00 Rev. F	September 2019	8.3.1.4.3 GA Release