

Release Notes
SOFTWARE VERSION 8.3.1.2

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Table of Contents

Section 1: General Information	4
Important Documents	4
Environments.....	5
OmniSwitch 2220 Platforms	5
Known Issues	6
Section 2: Revision History	8

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:

- HTTPS
- IPv6
- SNMPv3

Important Documents



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

See below for related documents.

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

Environments

OmniSwitch 2220 Platforms and Feature Overview

<i>Model Number</i>	<i>Description</i>
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).
Feature Overview	<ul style="list-style-type: none"> • 8-port and 24-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	<ul style="list-style-type: none"> • Web-based GUI (HTTP) • SNMP v1/v2/V3 • RMON • Cable test diagnostics
Security Overview	<ul style="list-style-type: none"> • 802.1X RADIUS access security • MAC filtering/port security • Guest VLAN • Broadcast storm recovery
Convergence	<ul style="list-style-type: none"> • 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

Known Issues

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

<i>PR</i>	<i>Summary</i>	<i>Description or Workaround</i>
31548	Unable to configure MTU size beyond 4078.	There is no known workaround at this time. The maximum MTU supported is 4078.
31550	Physical interface moving to diag disable state because of DOT1s component.	The issue is seen when connecting AOS running 1x1 mode.
31566	QOS ACL is not working properly, for example, even though traffic is not matching rules are hit.	IP mask is wildcard mask, not subnet mask.
31567	Not able to edit ACL identifier configuration.	Only three tasks can be performed for ACL rules: Add Rule, Remove Rule and Resequence Rules.
31568	Counters are not shown for all options on statistics window.	There is no known workaround at this time.
31569	Even after ACL configuration removal rules are hit.	If the traffic does not match any rules within an ACL, it is dropped because of the implicit deny all rule at the end of each ACL.
31584	Source Specific Multicast group memberships not showing up.	IGMPv3 is not supported.
31597	OS2220 doesn't send RADIUS access request packet once supplicant sends eap packet.	802.1x dynamic VLAN assignment not supported.
31598	Able to create only two rules on single ACL identifier.	The maximum number of rules is 2.
31599	Not able to configure IP Named & IP Extended rule on single interface.	There is no known workaround at this time.
31600	QoS fragmentation flag is not working.	There is no known workaround at this time.
31601	No option to configure IPV6 ACL.	IPv6 not supported.
31603	Not able to configure ACL on Control tab.	There is no known workaround at this time.
31621	Interface status is not shown after going down.	There is no known workaround at this time.
31625	Multicast packets drop occasionally when running 512 groups.	Reduce the number of groups configured.
31635	System->Summary->Description: System Name, Location & Contact does not display properly.	Special characters do not work for system name, location and contact.
31643	Port-security violation trap is not sent to SNMP manager.	This trap is not supported.
31667	Class of Service: Class of Service (remark) is not working when packet is sent with priority 0-7.	This page is addressed which internal traffic classes are mapped to the 802.1p priority class values in Ethernet frames the device receives, not for remarking.

<i>PR</i>	<i>Summary</i>	<i>Description or Workaround</i>
31668	Class of Service: Untrust mode behaves differently than in AOS platforms.	By default all port are set to "trust dot1p" in OS2200, so 802.1p value will be preferred over DSCP for transmitting packets. OS2200 untrusted port retains the priority value (802.1p & dscp).
31669	Class of Service: not able to configure Drop precedence for WRED.	There is no known workaround at this time.
31670	System -> Port -> Cable Test: Error seen during cable test where PoE phone connected.	Cable test may error out.
31675	STP BPDU is taking port path cost value from external port path cost even though there is a separate port path cost value.	There is no known workaround at this time.
31704	Unable to create more than 4 MSTP instances.	Only four instances are supported.
31829	Protocol based Auto VoIP remarking doesn't work.	There is no known workaround at this time.

Section 2: Revision History

<i>Revision</i>	<i>Date</i>	<i>Change Description</i>
033280-00 Rev. A	April 2018	First Release
