Release Notes for Omada SDN Controller V5.14.26.1

1. Supported Device Models

EAP

EAP783, EAP773

EAP690E HD, EAP683 LR, EAP680, EAP673, EAP 670, EAP660 HD

EAP655-Wall, EAP653, EAP650-Outdoor, EAP650-Wall, EAP650, EAP620 HD

EAP615-Wall, EAP615-Wall, EAP613, EAP610-Outdoor, EAP610

EAP265 HD, EAP235-Wall, EAP230-Wall, EAP225-Outdoor, EAP223

EAP215-Bridge KIT, EAP211-Bridge KIT

EAP115-Bridge KIT, EAP115-Wall, EAP113-Outdoor

EAP245 V3, EAP225 V3, EAP225-Wall V2, and above versions

EAP115 V4, EAP110 V4, EAP110-Outdoor V3, and above versions

Switch（TL- prefix ignored for some models）

SX6632YF, SG6428X, SG6428XHP, SG6654X, SG6654XHP

SG3218XP-M2, SG3210X-M2, SG3210XHP-M2

SX3016F, SX3008F, SX3206HPP

SG3452XP, SG3452X, SG3452P, SG3452

SG3428X-M2, SG3428XPP-M2

SG3428XMP, SG3428XF, SG3428X, TL-SG3428X-UPS

SG3428MP, SG3428, SG3210XHP-M2

SG2428P, SG2218P, SG2218, SG2016P, SG2210MP, SG2008P, SG2005P-PD

SG3210 V3, SG2210P V3.2, SG2008 V3, SL2428P V4, and above versions

Gateway

ER8411

ER7206 V1 (TL-ER7206 V1) and V2, ER707-M2, ER706W-4G, ER706W, ER7412-M2

ER605 V1 (TL-R605 V1) and V2

GPON EAP

EAP610GP-Desktop V1, EAP615GP-Wall V1

OLT

DS-P7001-04, DS-P7001-08

2. New Features

1. Added support for discovery, adoption and management of GPON EAPs and OLT devices.

2. Added support for discovery, adoption and management of OLT devices. For DS-P7001-04 V1 & V1.10, firmware V1.0.6 and above is required. For DS-P7001-08 V1 & V1.10, firmware V1.0.9 and above is required.

3. Added support for Topology of GPON EAPs and OLT devices in Settings > Map > Topology.

4. Added support for Bandwidth Control and Port VLAN of GPON EAPs in Device > Properties windows > Port Status.

5. Added support to disable port and configure port VLAN for Multi-LAN port EAPs.

6. Added support to logout when using Portal on EAPs.

7. Added support for multiple Radius servers when using MAB on EAPs.

8. Added support to display the actual working channel width when setting channel width as auto.

9. Added support to multicast/broadcast information about EAP in Statistics.

10. Added support for Terminal and Pack Capture when enable the Cloud Access on Controller.

11. Added support for Controller-configured device names to be delivered to devices (hostname, LLDP, and SNMP).

12. Added support to return error code prompt when configuring status synchronization.

13. Added support for centralized proxying of Radius.

14. Added support to display the Maximum Associated Clients range according to the model.

15. Added support to display information about downlinked Omada devices.

16. Added support for EAP-related DNS queries in Tools.

17. Added support for NAS ID configuration in SSID enterprise encryption, which can be configured as Device Name.

18. Added support that PPSK entries up to 1024.

19. Added support for the following features of OLT devices under Controller mode:

    - Adapted all features in standalone mode and disabled standalone & SNMP management once OLT devices got managed by Omada Controller.
    - Added support to logs of OLT devices in Logs.
    - Added support to data statistics for OLT devices in Statistics.
    - Added support to migration and upgrade for OLT devices.
    - Added support to configure DNS Server for OLT devices.
    - Added support to Auto-save configuration for OLT devices.
    - Enabled Auto Authentication for OLT devices by default.
    - Optimized some functions of the PON module for OLT devices.

3. Enhancements

1. Optimized the interactive interface and automatic alarm removal in Logs.

2. Optimized the interaction experience between OLT devices and GPON EAPs.

3. Added support to report OFDMA default values, which may be different for different EAP models.

4. Optimized Client association log.

5. Optimized the mechanism of Portal's Rate Limit function.

6. Optimization related to Clients:

- Added the See All logo for EAP and Switch redirecting to the Clients page.
- Added MAC address filtering search for connected clients.
- Added Signal to the EAP Client page.

7. Optimization related to AP VLAN:

- Changed the default LAN name of Network to Default and modification is not supported.

- Added support for Network option in SSID VLAN.

- Management VLAN and SSID VLAN no longer support configuring the same VLAN as the default LAN.

Notes

1) This version of the Controller is fully applied to the Omada APP of **version 4.16** or above.

2) Omada SDN Controller can only manage certain devices running the supported firmware. Please confirm that your device is compatible with the SDN Controller.

3) Once upgraded to this version of Omada Controller, you will be NOT able to downgrade to version 3.2.17 or below.

4) For Windows version, Java 8 (or OpenJDK-8) and above are required. **64 bit is highly recommended.**

5) Since version 1.0.4, the firmware of OLT device supports both version 1.0 and 1.10 of DS-P7001-04/DS-P7001-08.