What's New in Unleashed Version 200.11?

This application note describes the new features available in RUCKUS Unleashed version 200.11. This document assumes familiarity with the RUCKUS Unleashed product line and the features of earlier release version 200.10.

Highlights of this Release

RUCKUS Unleashed is a controller-less Wireless LAN (WLAN) solution that enables Small-Medium Business (SMBs) to deliver an optimal wireless experience to their users at an affordable price.

Customers can expand their business to multiple locations seamlessly with Unleashed Multi-Site Manger. If the business scales even further, RUCKUS Unleashed offers migration options to RUCKUS ZoneDirector, SmartZone or RUCKUS Cloud Wi-Fi.

Key features and enhancements in this release are:

Feature	Brief Description and Benefits
Wi-Fi 6 AP Models Support	Adding support for four new Wi-Fi 6 APs, R350, H550, T350c and T350d.
Easy Change PSK-WPA2 Password for Legacy Device	Provides an easy solution for customers to continue using previous Passphrase key or change password for connected legacy devices. Unleashed generates DPSK keys for all connected legacy devices with previous password of the WLAN.
Added DNS Server Configuration for Wireless Client	When Gateway Mode is enabled, user can customize DNS Server setting for wireless clients. If user ignores this setting, Unleashed uses WAN Interface DNS Server setting.
Easy ICX Management by Unleashed	Enables customer to access ICX home page from Unleashed without manual login. The proxy in Unleashed adds authentications for all ICX requests, and transfers ICX responses to the browser.
Client Isolation Enhancement	Isolate unicast packets, Isolate multicast/broadcast packets, and Automatic support for VRRP/HSRP supported. In UI, Auto Whitelist is enabled by Default when Wireless Client Isolation is enabled. When Auto Whitelist is enabled, APs auto-discover gateway devices and add them to isolation whitelist
Web UI Enhancement	Administrators can add guest key directly
Replace FTP with HTTPS	As a security enhancement, File Transfer Protocol (FTP) is replaced with Hypertext Transfer Protocol Secure (HTTPS).

Wi-Fi 6 Disable Button	From the UI, user can enable or disable Wi-Fi 6 in WLAN for 11ax APs.
AD/Radius Support Domain	When configuring AAA server (Admin & Services > Services > AAA Servers), both domain name and IP format inputs are supported for server address.
Configuration Change Recording	Records all configuration change commands from the web UI, CLI, mobile app, and UMM to track configuration changes.
Enhancement for "Block mobile App remote user"	Delete function for Mobile App Remote User Control is supported in web UI. Under Remote User Control, "Create on" and "Last Login" columns are added.
Run ICX CLI Command on Unleashed CLI	Users can access ICX CLI through Unleashed CLI.
Show QR Code Preview of PSK/DPSK SSID	Unleashed GUI displays QR code before applying it to the Wi-Fi network. Displays new QR code first when network administrator clicks the "Update" button and then applies the new WLAN configuration after the network administrator clicks "Save" to save the QR code in QR code screen.
Display User Name Returned by Radius as "user" in Web UI Clients Table for EDPSK Users	This feature is only for External Dynamic PSK WLAN (EDPSK). In the Wireless Clients page, the column "User" will show the "User-name" attribute from the "Access-Accept" packet of external Radius server. If the "User-name" attribute is empty in the "Access-Accept" packet of external Radius server, the column "User" in the web UI uses the "User-name" attribute from the "Access-Request" packet of Unleashed.
Support Downgrade to Previous Build	Roll back to previous version with previous configuration is supported
Unleashed API	Unleashed APIs are supported.
CLI Debug from Web UI	Unleashed network system provides web CLI commands to debug the system. Includes master CLI in master AP and AP CLI in each AP
Metadata Support for Unleashed Config	Metadata of Unleashed configuration is created with current image version during factory reset, upgrade and configuration import.
Upgrade "rks-debug" Mode Re-implement	Re-implementation of "rks-debug" mode because of creation of shared private upgrade server.
Upgrade Version List Enhancement	Upgrade version list is sorted and displayed in reverse order and only one version per release is displayed.

Supported AP models in Unleashed 200.11

Unleashed version 200.11.10.5.195 supports the following RUCKUS Wi-Fi access point models:

Indoor Wi-Fi Access Points	
Unleashed R850	Indoor Wi-Fi 6 Twelve Spatial Streams Access Point
Unleashed R750	Indoor Wi-Fi 6 Access Point with Multi-gigabit Backhaul for Ultra-Dense Device Environments
Unleashed R720	Indoor Wi-Fi 5 Access Point with Multi-gigabit Backhaul for Dense Device Environments
Unleashed R710	Indoor Wi-Fi 5 Access Point for Dense Device Environments
Unleashed R650	Indoor Wi-Fi 6 Six Spatial Streams Access Point
Unleashed R610	Indoor Wi-Fi 5 Access Point for Dense Device Environments
Unleashed R550	Indoor Wi-Fi 6 Four Spatial Streams Access Point
Unleashed R510	Indoor Wi-Fi 5 Access Point for Dense Device Environments
Unleashed H550	Wall-mounted Wi-Fi 6 Access Point for Dense Device Environments
Unleashed H510	Wall-mounted Wi-Fi 5 Access Point for Dense Device Environments
Unleashed M510	Mobile Indoor Wi-Fi 5 Access Point with LTE Backhaul
Unleashed H320	Wall-Mounted Wi-Fi 5 Access Point and Switch
Unleashed C110	Wall-Mounted Wi-Fi 5 Access Point, Switch and Cable Modem
Unleashed R350	Indoor 802.11ax Wi-Fi Access Point
Unleashed R320	Indoor 802.11ac Wi-Fi Access Point

Outdoor Wi-Fi Access Points	
Unleashed T750 Series (T750, T750se)	Outdoor Wi-Fi 6 Eight Spatial Streams Access Point
Unleashed T710 Series (T710, T710s)	Outdoor Wi-Fi 5 Access Point family with Fiber Backhaul
Unleashed T610 Series (T610, T610s)	Outdoor Wi-Fi 5 Access Point family
Unleashed T350 Series (T350c, T350d)	Outdoor 2x2:2 2.4/5GHz Wi-Fi 6 access point with omni and directed antennae
Unleashed T310 Series (T310c, T310d, T310n, T310s)	Outdoor 2x2:2 2.4/5GHz Wi-Fi 5 access point with omni and directed antennae
Unleashed E510	Embedded 802.11ac Outdoor Wave 2 Wi-Fi AP with External BeamFlex+ Antennas