

RUCKUS AP T350d Release Notes

Supported on SmartZone 6.0

Copyright, Trademark and Proprietary Rights Information

© 2021 CommScope, Inc. All rights reserved.

No part of this content may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from CommScope, Inc. and/or its affiliates ("CommScope"). CommScope reserves the right to revise or change this content from time to time without obligation on the part of CommScope to provide notification of such revision or change.

Export Restrictions

These products and associated technical data (in print or electronic form) may be subject to export control laws of the United States of America. It is your responsibility to determine the applicable regulations and to comply with them. The following notice is applicable for all products or technology subject to export control:

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.

Disclaimer

THIS CONTENT AND ASSOCIATED PRODUCTS OR SERVICES ("MATERIALS"), ARE PROVIDED "AS IS" AND WITHOUT WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED. TO THE FULLEST EXTENT PERMISSIBLE PURSUANT TO APPLICABLE LAW, COMMSCOPE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, FREEDOM FROM COMPUTER VIRUS, AND WARRANTIES ARISING FROM COURSE OF DEALING OR COURSE OF PERFORMANCE. CommScope does not represent or warrant that the functions described or contained in the Materials will be uninterrupted or error-free, that defects will be corrected, or are free of viruses or other harmful components. CommScope does not make any warranties or representations regarding the use of the Materials in terms of their completeness, correctness, accuracy, adequacy, usefulness, timeliness, reliability or otherwise. As a condition of your use of the Materials, you warrant to CommScope that you will not make use thereof for any purpose that is unlawful or prohibited by their associated terms of use.

Limitation of Liability

IN NO EVENT SHALL COMMSCOPE, COMMSCOPE AFFILIATES, OR THEIR OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, SUPPLIERS, LICENSORS AND THIRD PARTY PARTNERS, BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER, EVEN IF COMMSCOPE HAS BEEN PREVIOUSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER IN AN ACTION UNDER CONTRACT, TORT, OR ANY OTHER THEORY ARISING FROM YOUR ACCESS TO, OR USE OF, THE MATERIALS. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, some of the above limitations may not apply to you.

Trademarks

ARRIS, the ARRIS logo, COMMSCOPE, RUCKUS, RUCKUS WIRELESS, the Ruckus logo, the Big Dog design, BEAMFLEX, CHANNELFLY, FASTIRON, ICX, SMARTCELL and UNLEASHED are trademarks of CommScope, Inc. and/or its affiliates. Wi-Fi Alliance, Wi-Fi, the Wi-Fi logo, Wi-Fi Certified, the Wi-Fi CERTIFIED logo, Wi-Fi Protected Access, the Wi-Fi Protected Setup logo, Wi-Fi Protected Setup, Wi-Fi Multimedia and WPA2 and WMM are trademarks or registered trademarks of Wi-Fi Alliance. All other trademarks are the property of their respective owners.

Contents

- Document History..... 4
- AP T350d4
 - Power Modes..... 4
- Release Information 4
- Known Issues 5
- Adding AP T350d to the Controller..... 5

Document History

Revision Number	Summary of changes	Publication date
A	Initial release.	29, April 2021

AP T350d

T350d AP is an 802.11ax Dual-Band Concurrent 2x2:2 802.11ax (5GHz) with 2x2:2 802.11ax (2.4GHz) for outdoor applications. The purpose of this product is targeted for medium-density enterprise WLAN applications for Service Providers, Large Public Venues, Stadiums, Smart Cities, Metro Wi-Fi and Multi-Dwelling Unit outdoor deployments. Additionally, the T350d comes with built-in BLE and Zigbee, an option to expand to other wireless protocols in the future.

Power Modes

Power Mode	2.4G Radio	5G Radio	1Gbps Ethernet Port	IoT	USB
DC/PoE switch bt class 5/PoE Injector(902-0180-US00, 60W)	2/2(23dBm)	2/2(22dBm)	Enabled	Enabled	Enabled
AT class switch/PoE Injector(902-0180-US00, 60W)	2/2(23dBm)	2/2(22dBm)	Enabled	Enabled	Enabled
AF class switch	2/2(19dBm)	2/2(18dBm)	Enabled	Disabled	Disabled

Release Information

SmartZone (SZ) and AP's are based on the following release versions:

- Controller Version: **6.0.0.0.1331**
- Control Plane Software Version: **6.0.0.0.1213**
- AP Firmware Version: **6.0.0.0.1610**

Known Issues

The following are the Caveats, Limitations, and Known issues in this release.

Component/s	AP
Issue	SCG-128429
Description	If beta customer using T350d beta build 6.0.0.0-1569 upgrade the existing Zone to T350d GA build (6.0.0.0-1610), APs will operate in a single transmit chain on 2.4 GHz when in AF mode.
Workaround	Create a new Zone and select T350 GA AP firmware 6.0.0.0.1610 and manage T350d.

Component/s	AP
Issue	SCG-129160
Description	No difference is seen in transmit power values after enabling the feature <i>Allow 5.8Ghz channels use full power</i> in United Kingdom (GB) country code.
Workaround	Avoid enabling the feature <i>Allow 5.8Ghz channels use full power</i> .

Component/s	AP
Issue	SCG-129123
Description	<i>Update Failed</i> is seen when trying to set static channels 132 and 136 with channelization as 80MHz/Auto for the United Kingdom (GB) country code from the controller web user interface.
Workaround	Avoid setting static channels 132 and 136 with channelization as 80MHz/Auto. If the user wants to configure static channels 132 and 136 in controller web user interface, channelization must either be 20 MHz or 40 MHz.

Component/s	AP
Issue	SCG-129250
Description	<i>Update Failed</i> is seen when setting static channels 153, 157, 161 and 165 with channelization as 80MHz/Auto and enabling the option <i>Allow 5.8Ghz channels</i> in Germany (DE) country code.
Workaround	In the controller web user interface configure channelization as either be 20 MHz or 40 MHz when setting static channels 153, 157, 161 and 165.

Adding AP T350d to the Controller

Before you begin this procedure, copy the AP patch file that you want to apply to a location that you can access from your computer.

IMPORTANT

This patch only needs to be applied to a single node. After you apply this patch to a node, it will be propagated automatically to other nodes in the cluster.

Follow these steps to apply an AP patch:

1. Download the patch file `ap_116.0_t350_patch_pkg-6.0.0.0-1610.noarch.patch` and move the patch file to a location that you can access from the computer that you are using to access the controller's web interface.
2. Apply this patch to release 6.0 GA refresh (build number 6.0.0.0.1331).
3. Log on to the SmartZone web interface.

Adding AP T350d to the Controller

4. Go to the page for uploading AP patches.
 - On the 6.0 web interface, go to **Administration > Upload AP Patch** , and then click the **AP Patch** tab.
5. In **Patch File Upload**, click **Browse** go to the location where you saved the AP patch file (ap_116.0_t350_patch_pkg-6.0.0.0-1610.noarch.patch).
6. Click **Open**.
7. On the **AP Patch** tab, click **Upload**. After the patch file is uploaded, the section is populated with the Start time, AP firmware version number and AP model number.
8. Click **Apply Patch**.
9. After the firmware file is applied, the AP firmware information is populated with the following information:
 - Name of the patch file
 - Size of the patch file
 - AP firmware version number
 - AP model number
10. Go to **Configuration > AP Zone**
11. Click **Change AP Firmware**.
12. In the **Change AP Firmware** manually change the AP firmware to the latest AP image (6.0.0.0-1610) in default zone or a specific zone in case of High Scale.
13. Click **Yes**
14. When the controller completes updating the AP firmware of the zone, a message appears and notifies you that the zone's AP firmware was updated successfully.
15. Go to **Configuration > Access Points** to verify that the new AP model you added to the controller are listed on AP list page.
16. Also, verify that all AP's in the default or specific zone is upgraded to 6.0.0.0-1610.
17. Under the **Registration State** column, verify that all new AP models have been approved.

You have completed adding the new AP model to the controller.



© 2021 CommScope, Inc. All rights reserved.
350 West Java Dr., Sunnyvale, CA 94089 USA
<https://www.commscope.com>