

Release Notes ZoneDirector Release 3.0

July 22, 2008



1. Introduction

The Ruckus ZoneDirector 1000 is the first centrally managed multimedia Wireless LAN (WLAN) solution developed specifically for small-to-medium enterprises (SMEs) and hot zone operators. This document provides information on supported ZoneFlex platforms, known issues and caveats, upgrades, and interoperability information for the ZoneDirector 3.0 release.

2. Supported ZoneFlex Platforms

Release 3.0 supports the following platforms:

- ZoneDirector 1000 – build 3.0.5.0.160
- ZoneFlex 7942 – build 5.0.3.0.111
- ZoneFlex 2942 – build 5.0.3.0.199
- ZoneFlex 2925 – build 5.0.3.0.199
- ZoneFlex 2925 Lite Mesh Gateway – build 4.3.1.0.4

3. Known Issues and Caveats

The following are the known issues and caveats in this release:

3.1. Administrators should not login to the Admin UI of a ZoneDirector-controlled AP

If an access point is managed by ZoneDirector, administrators should NOT login to individual access point Admin UI or CLI. The AP UI is in read-only mode when managed by a ZoneDirector. Making configuration changes on the CLI might result in unexpected and inconsistent behavior.

3.2. External antenna support on the ZoneFlex 2942 AP

One exception to the guidance above is the configuration of the external antenna on the ZoneFlex 2942 AP. Enabling an external antenna on the ZoneFlex 2942 AP can be done only via CLI on the AP:

```
rkscli:set extant <wlan name> [enable|disable|auto]
```

3.3. ZoneFlex AP connectivity to ZoneDirector

ZoneDirector and the ZoneFlex access points have to be on the same broadcast domain (VLAN) and the same IP subnet. The management VLAN must be untagged (i.e. no 802.1Q).

3.4. Physical ports configuration on a ZoneDirector-controlled AP

If VLAN tagging is configured for one or more WLANs on ZoneDirector that information will propagate to all physical ports on the access points.

3.5. Guest captive portal does not work when the requested page is HTTPS (ID 3816)

When trying to access the guest network before authentication the automatic captive portal will not work if the requested page was https (SSL).

Workaround: try browsing to a http page

3.6. Wrong number of clients on Usage Summary widget (ID 3341)

The usage summary widget on the dashboard shows the number of associations in the past 24 hours and not the number of unique clients associated in the past 24 hours.

3.7. ZoneDirector and ZoneFlex 7942 interoperability with NetGear GS-608 switch (ID 1934)

In some cases when ZoneDirector and/or ZoneFlex 7942 is connected to a NetGear GS-608 switch, auto-negotiation might result in 100Mbps link as opposed to 1Gbps.

Workaround: if 1Gbps is needed use a different switch.

3.8. Safari browser is not supported for ZoneDirector Web UI (ID 3835)

Safari web browser is not supported in this release for the ZoneDirector Web UI.

Workaround: use Firefox or Internet Explorer

3.9. Maximum Layer-2 Access Control supported (ID 2994)

In this release the maximum supported Access Controls is 90.

Configuring more ACLs might result in browser errors on some Web Browser (e.g. Internet Explorer 6 in Traditional Chinese).

3.10. Zero-IT Configuration for 802.1x EAP is supported on a single WLAN only (ID 4390)

Zero-IT Configuration for auto-provisioning certificates to clients for 802.1x EAP is supported on no more than a single WLAN.

Using 802.1x on more than one WLAN (with no Zero-IT enabled) as well as Zero-IT for Dynamic PSK provisioning are supported on more than one WLAN.

3.11. Disconnected AP Issue (ID 1915)

In rare cases, after configuration changes or rebooting, the AP stays in “disconnected” mode.

Workaround: if after configuration change or reboot, the AP appears as “disconnected” on the ZoneDirector Web UI for more than 5 minutes, power-cycle the AP.

3.12. Incorrect IP address representation for ZoneFlex 2925 Lite Mesh Gateway on ZoneDirector UI (ID 4442)

When the ZoneFlex 2925 Lite Mesh Gateway is configured with a static IP address, the ZoneDirector Currently Active Clients page will show 192.168.0.254 as the IP address instead of the configured static IP.

3.13. ZoneFlex 7942 operates at 802.11g rates when using WPA-PSK-TKIP or WEP encryption (ID 3633)

In compliance with the 802.11n Draft 2.0 requirements, when configured with WPA-PSK-TKIP or WEP encryption, the ZoneFlex 7942 will operate at 802.11g rates (up to 54Mbps).

3.14. ZoneFlex 7942 AP supports only 802.11ng mode (ID 3294)

The ZoneFlex 7942 AP operates in 802.11ng-mode only. In this mode 802.11n, 802.11g, and 802.11b clients can all associate simultaneously. 802.11g-only or 802.11b-only modes are not supported.

3.15. Guest-pass time limit enforcement issue (ID 4890)

In some cases, when guest clients are roaming across APs, the guest-pass time limit is not enforced.

3.16. Beacon broadcast issue with Fixed Channel mode (ID 5278)

In some cases, when using Fixed Channel mode while having only a single WLAN configured, changing that WLAN settings can result in the AP stopping to broadcast beacons.

Workarounds:

- Use auto-channel selection (Dynamic RF Management)
- Change the fixed channel manually
- Configure more than one WLAN
- Restart the AP

4. Upgrade

4.1. Supported upgrades

Upgrade is supported from the following releases:

- ZoneDirector 2.0.1.0.58
- ZoneDirector 2.0.1.1.82
- ZoneDirector 2.0.1.1.90
- ZoneDirector 3.0.0.0.89
- ZoneDirector 3.0.1.0.109
- ZoneDirector 3.0.2.0.133
- ZoneDirector 3.0.3.0.134
- ZoneDirector 3.0.4.0.143
- AP (ZoneFlex 2925/2942) 4.2.0.0.132 and above

Upgrading from any other release might result in losing all configuration (factory default).

4.2. Backup image

The backup image for ZoneFlex 2925 access points running the 4.1 release (4.1.0.29) is not Director-aware.

Therefore, if for any reason, an AP boots with the backup image it will not associate with ZoneDirector.

Workaround: reload manually the 5.0 release and then connect to ZoneDirector.

4.3. AP upgrade failure issues

In some cases, ZoneFlex APs might fail to upgrade to the latest software via ZoneDirector. The AP will automatically try to upgrade itself again.

Workarounds:

- Make sure your ZoneDirector and ZoneFlex APs are on the same IP subnet.

5. Appendix A: Interoperability Information

The ZoneDirector 1000 and the ZoneFlex APs use standard protocols to interoperate with third-party Wi-Fi devices. Ruckus Wireless qualifies its functionality on the most common platforms.

A list describing the specific platforms that were tested for interoperability by Ruckus Wireless is available at http://support.ruckuswireless.com/documents/for_product/zd1000.