

Migrating a Ruckus ZD system, from ZD1100 to ZD3000 or ZD3000 to ZD5000

We can migrate up from ZD1k all the way to ZD5k, but migrating down (i.e. ZD1100 to ZD1000) is not supported.

There are two main things to keep in mind when migrating to higher Ruckus ZD platform:

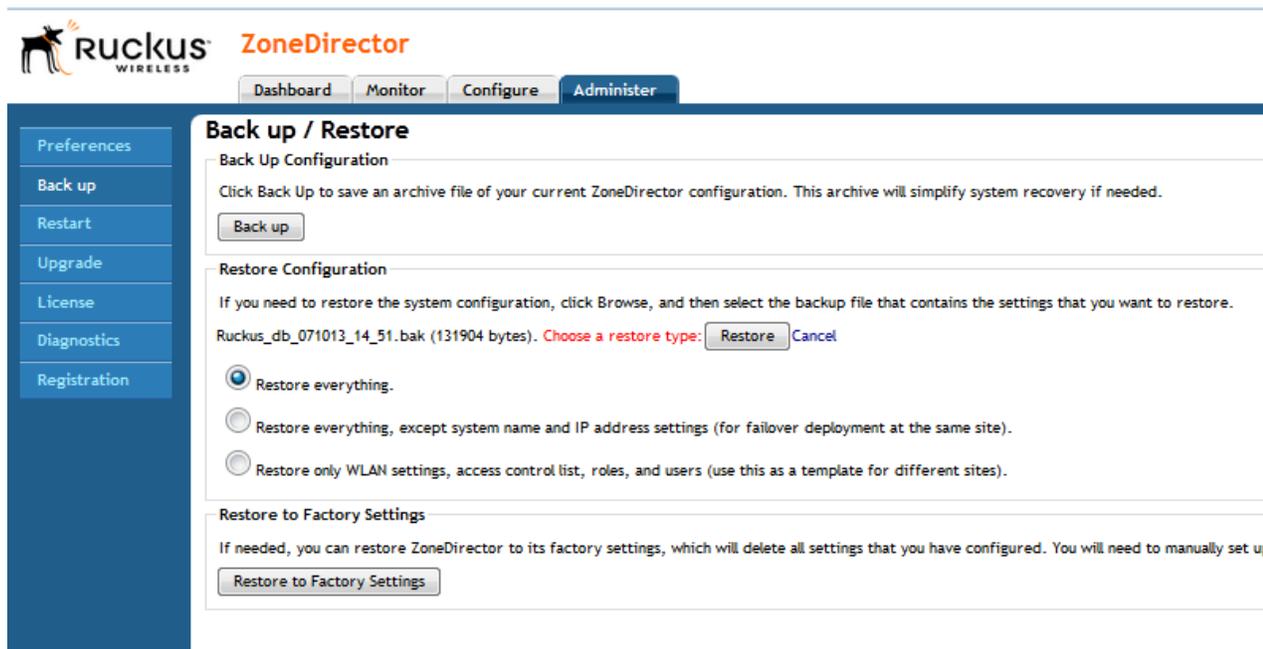
1. Make sure that previous and new ZD(s) both have the same SW version.
2. Make sure that the number of licenses in the new ZD is at or above the numbers of connected APs on the previous ZD.

Also, saving a debug info file does not hurt. The debug info file provides much more data to a Technical Support Eng. (Sales Engineer) than just a backup file. There could be an instance where the migration does not go well and where one may need to retrieve DPSKs. The debug info file has AP list, DPSK list, logs, etc.

Process for migrating:

The procedure is fairly simple (i.e. migrating from ZD3k to ZD5k)

- Save a backup file from the 3k.
- Load the backup into the 5k given the two points above are met (make sure to choose Restore everything so that all parameters are transferred).



The screenshot shows the Ruckus ZoneDirector Administer page. The navigation menu includes Dashboard, Monitor, Configure, and Administer. The Administer page has a sidebar with options: Preferences, Back up, Restart, Upgrade, License, Diagnostics, and Registration. The main content area is titled "Back up / Restore" and contains three sections:

- Back Up Configuration:** A text box stating "Click Back Up to save an archive file of your current ZoneDirector configuration. This archive will simplify system recovery if needed." Below it is a "Back up" button.
- Restore Configuration:** A text box stating "If you need to restore the system configuration, click Browse, and then select the backup file that contains the settings that you want to restore." Below it, a file "Ruckus_db_071013_14_51.bak (131904 bytes)" is listed with a "Choose a restore type:" label and "Restore" and "Cancel" buttons. Three radio button options are provided:
 - Restore everything.
 - Restore everything, except system name and IP address settings (for failover deployment at the same site).
 - Restore only WLAN settings, access control list, roles, and users (use this as a template for different sites).
- Restore to Factory Settings:** A text box stating "If needed, you can restore ZoneDirector to its factory settings, which will delete all settings that you have configured. You will need to manually set up" Below it is a "Restore to Factory Settings" button.

- Then replace ZD3k with ZD5k

Loading a backup file does require a reboot for the new changes to become permanent.

If the system is a redundant system (active/standby ZD migration):

- Without connecting the ZD5ks into the active network.
 - o Load the active backup file into the ZD that's going to be active.
 - o Then make sure that they can ping each other. Enable Smart Redundancy (SR) on both ZDs.
 - At the ZD that's going to be active, click on the box Sync to Peer to complete the SR enabling process (remember that for SR to work both ZDs have to have the same number of licenses, same SW version, and have a matching SR secret).
 - After a wait of 1-2 mins, on the Dashboard page, there will be a note that reads Smart Redundancy: Active / Standby at the active ZD.
- After the 5ks are in redundant mode, then finally disconnect the ZD3k(s) from the system and replace with ZD5k redundant system. The APs will find the ZDs automatically.

If you require further details, please reference the appropriate SW release manual and/or call Ruckus Technical Support.