



ACR1000A-T-R2	ACR1002A-R	ACR1000A-CTL-24	ACR1000A-CTL-192
ACR1002A-T	ACR1000A-CTL	ACR1000A-CTL-48	ACR1000A-CTL-288
ACR1012A-T	ACR1000A-CTL-8	ACR1000A-CTL-96	ACR1000A-CTL-ULC
ACR1000A-R-R2			

Upgrading to Agility™ iPATH™ 4.0

Follow this procedure to upgrade your Agility iPATH v3.3 hardware to a new 4.0 system.

Upgrade procedure

Follow these steps to swap Black Box Agility iPATH v3.3 Hardware with new v4.0 system:

1. Backup the 3.3 iPATH system and store it on a different system (not the iPATH server).
2. Write down the current IP pool address range.
3. Remove the iPATH(s) from the network.
4. Add the new iPATH v4.0 server(s).
5. Power up the primary server.
6. On the 169.254.1.3 default IP address, set the role and then configure it to the IP address of your network. You need to set the IP pool address range.
7. Restore the 3.3 backup you saved to the iPATH v4.0.
8. All the Black Box Agility endpoints will appear, but they will be reported as offline. This is because the new iPATH has a different TLS (transport layer security) certificate from the original iPATH and all the Black Box Agility end points will need to be factory reset.
9. Follow the factory reset procedure for all the Black Box Agility endpoints, resetting one a time and they will be acquired by the new iPATH. This procedure can take up to five minutes with up to three boot cycles. The new iPATH issues a new set of TLS keys to the endpoints.
10. The iPATH system will be up and running.
11. Power up the backup server. This will backup and replicate its database automatically.

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Follow these steps to swap Black Box Agility iPATH2.5/Agility2.9 for a new iPATH v4.0 system:

1. Backup the iPATH 2.5 system and store on a different system (not the iPATH server).
2. Remove the iPATH(s) from the network.
3. Add the iPATH 4.0 server(s).
4. Power up the primary server.
5. From the 169.254.1.3 default IP address, set the role and then configure it to the IP address of your network, setting the IP pool addresses. You need to ensure that there are sufficient addresses in the IP pool for all the Agility endpoints because version v2.5 didn't have an IP pool.
6. Apply the 2.5 backup to the iPATH.
7. The Black Box Agility devices will appear but will be offline because they do not have the minimum firmware version of v3.3. All devices need to be upgraded.
8. Devices shipped from Black Box before v3.3 did not have TLS certificates in them. For this upgrade, you are asked to trust all the devices on the network are Black Box Agility endpoints. You can verify the device by flashing the lights. Then tick the box: Trust all the devices.
9. Apply the main v3.3 image.
10. Apply the backup v3.3 image.
11. After upgrading, all the devices will be online and configurable. You will have a running iPATH system.
12. Power up the backup server. This will take the role of backup and replicate the database automatically.

NOTE: With the new v4 iPATH system, the backup server must have the same license number as the primary server5

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