ACR1000A-T-R2
ACR1002A-T
ACR1012A-T
ACR1000A-R-R2
ACR1002A-R
ACR1000A-CTL
ACR1000A-CTL-8
ACR1000A-CTL-16
ACR1000A-CTL-24
ACR1000A-CTL-48
ACR1000A-CTL-96
ACR1000A-CTL-192
ACR1000A-CTL-288
ACR1000A-CTL-ULC

Upgrading to Agility™ iPATH™ 4.0

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

Customer Support Information

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FREE technical support 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746
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Table of Contents

Overview 2

Items You Will Need 2
Procedure 2
Step 1: Preparation 2
Step 2: Migration 3

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Overview

This procedure explains how to replace Agility iPATH v3.3 servers with v4.0 19-inch rackmount servers.

The software on the new unit is substantially different from the older system.

This document describes how to upgrade your system from v3.3 to v4.0 with minimal downtime.

Items You Will Need

For this process to work, your existing iPATHs must be upgraded to or be running at v3.3.30913 and the Agility endpoints must be at v3.3 or above.

Procedure

Step 1: Preparation

1a. Make sure your existing iPATH Agility server is version 3.3.39013 or above and is on the network.

1b. ALL Agility units must be online.

1c. Make a backup of the database.

1d. Connect your new iPATH Agility server version 4.0.35692 to the network. (The unit should be powered off.)

1e. If there is only one OLD iPATH Agility server and it is running as a "solo" machine, you must configure it to be a primary server. (Go to the Servers tab.)

1f. If you already have a backup server on the network, leave it running. If you have ever had a backup running and it is no longer online, you MUST remove the server from the cluster table by deleting it from the primary server's page.

1g. The upgrade only works if the iPATH v.3.3 is running an "Unlimited License." If it is not, you will need to get an upgrade. Contact Black Box Technical Support at 724-746-5500 or info@blackbox.com.

1h. You must configure the iPATH v3.3 server to require authentication for a new backup server and set a password for this (Dashboard—>Tab Settings—>"servers"), even if you are currently not running a backup.

1i. Install your new Agility iPATH server with V4.0.35932 and reset it to factory default settings.

Step 2: Migration

2a. Add the new iPATH server version 4.0.35932 to the network with the original server on and power it on.

2b. Navigate to 169.254.1.3 and login as "admin" (no password required).

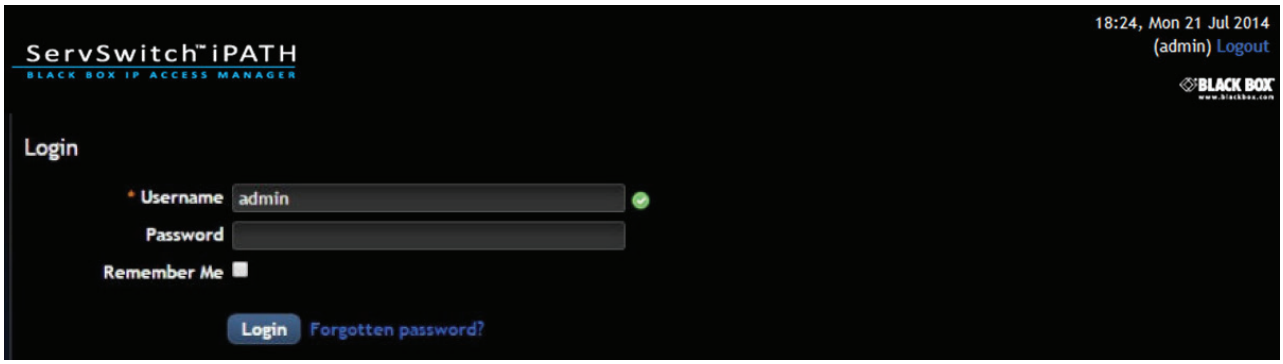

Figure 1. Login screen.

2c. The "View Servers > Restricted" page opens.

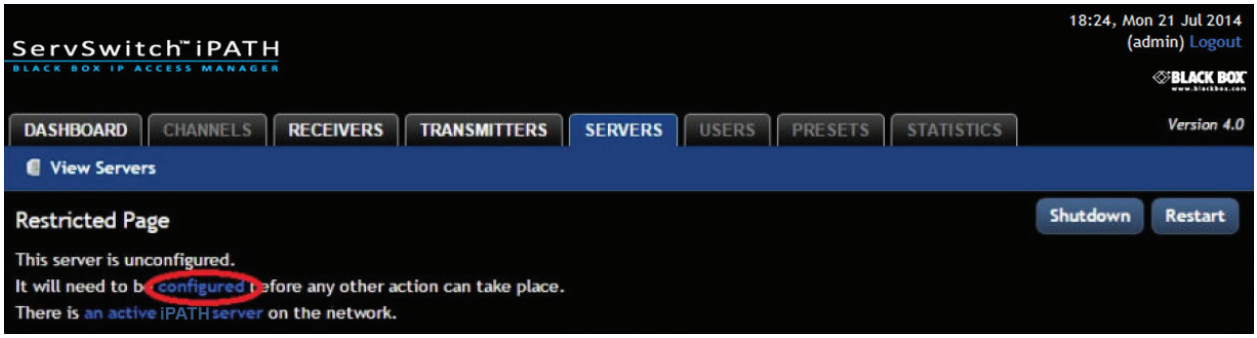

Figure 2. View Servers screen.

2d. Press the blue "configured" link (circled in red). The system goes to Servers > Configure Servers. Press the blue "migrate the 3.3 system" button.

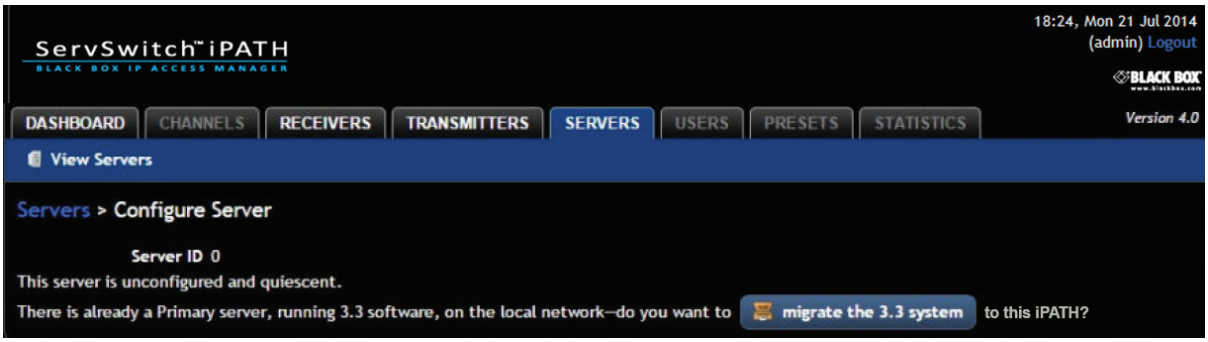

Figure 3. Configure Servers screen.

2e. The System Migration page appears.

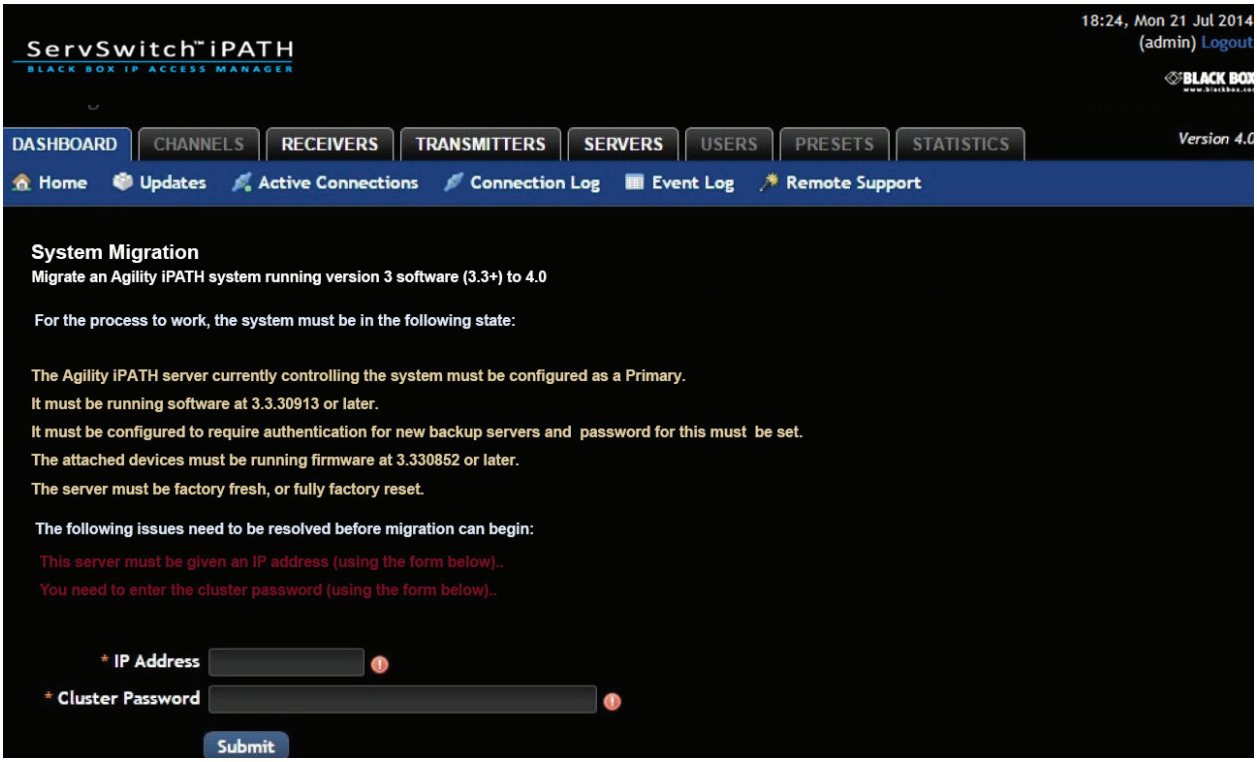

Figure 4. System Migration screen.

i. The server must be given an IP address (NOT the IP address of the old server).

ii. Ensure your chosen Primary IP Address is different from your Original iPATH IP Address and does not end with .254, because a secondary will only work if it can acquire the IP Address directly following the Primary.

2g. Enter the authentication cluster password ("password" in this case).

NOTE: The software does not validate the password before continuing. Make sure you enter the password correctly.

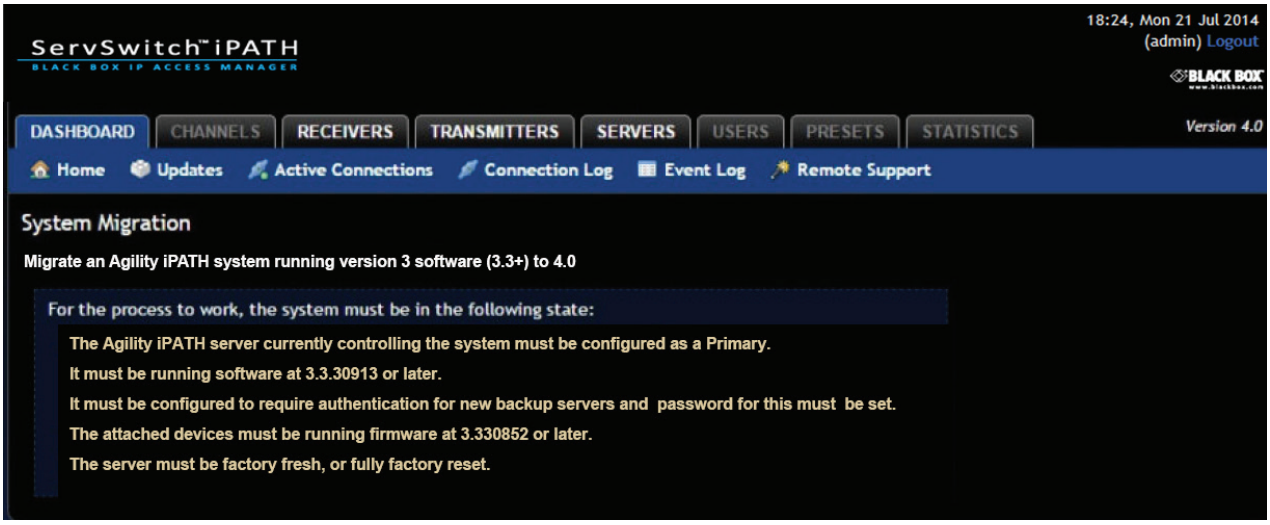

Figure 5. Migrate to 4.0 screen.

2h. Wait about two minutes until the "migration" process completes.

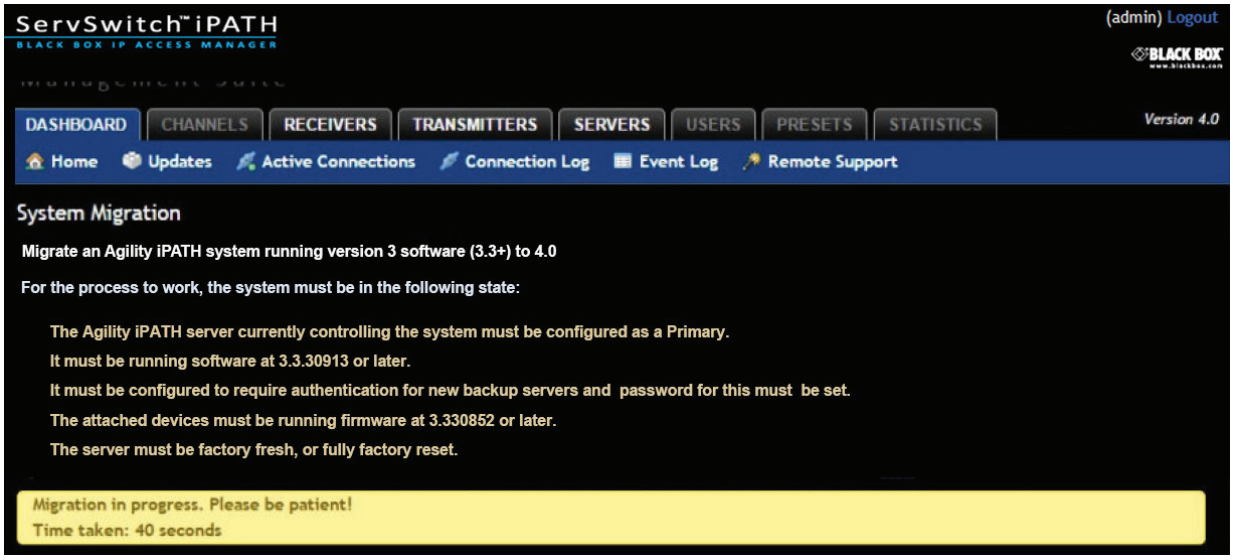

Figure 6. Migration in Progess screen.

2i. "Migration complete" in green displays; process is complete.

Figure 7. Migration Complete screen.

This will result in the old iPATH server shutting down and the new Agility iPATH server taking over.

i. Click on the Home tab.

ii. Login again as "admin" (no password required).

iii. You are taken to the "Servers" tab and you can configure the server as a Primary.

NOTE: The old iPATH server is still powered on but does not respond, so remove the old iPATH hardware.

NOTE: Sometimes the page times out before the migration is complete; if this happens, just reload the page.

If at any stage you want to revert to the old system, simply shut down the NEW iPATH server, place the old system onto the network, and power it on.

However, once you set the new server to Primary or upgrade the firmware/software, you cannot return the old server to the system without resetting the entire infrastructure to factory defaults.

NOTES

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