

Application Note



Product: Ascom AA60 Voice Appliance
Purpose: Procedure to upgrade AA60 software
Date: February 15th, 2009

Introduction

The following steps outline how to upgrade the AA60 software from a USB drive. This is necessary when an AA60 does not have access to the public internet to retrieve software updates from a hosted web server repository.

PLEASE NOTE: System operation will be disrupted for approximately 1 hour. Please plan system downtime accordingly.

Details

1. Copy the desired software upgrade file (*.ccs) to a USB drive. Make sure the USB drive has at least 700MB of space available.
2. Physically attach the USB drive to the AA60.
3. Establish a SSH connection to the designated AA60 appliance. Login with admin account (default admin / password).
4. Login as root by typing “sudo su –“ and entering the root password (default root / password).
5. At the root prompt, create a directory for the USB drive mount – “mkdir /mnt/usb”.
6. Mount USB drive at the created folder – “mount -t vfat /dev/sdb1 /mnt/usb”.
7. Navigate to “/mnt/usb” folder and verify the files on the USB drive are present.
8. Run the following commands to begin the software upgrade (where output.ccs is the software filename to be implemented):
 - a. “conary erase `conary q --components --skip-default-config|grep debugsrc` --skip-default-config”
 - b. “conary update --skip-default-config group-dist=conary.digium.com@C:2 --exclude-troves='*.debugsrc\$' --from-file **output.ccs**”

Do not disconnect ssh connection during upgrade procedure. Doing so will cause the upgrade to fail.

9. When the upgrade is finished (returned to prompt), unmount USB drive – “umount /mnt/usb”.
10. Physically remove USB from AA60.
11. Reboot AA60 for the software to be activated with the following command - “reboot”.

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12. Verify the software has been updated. This can be checked in the GUI under the *System Info* tab, where it lists the Asterisk build (i.e. Asterisk/C.2.1.1).

Additional Information

If you have any questions or need additional information, please contact Ascom Technical Assistance Center at 1-877-71-ASCOM, option 3.