



Installing and Upgrading Software Image on a CT5760

Detailed upgrade procedure can be found at http://www.cisco.com/en/US/docs/switches/lan/catalyst3850/software/release/3.2_0_se/system_management/appendix/swiosfs.html#wp1311040

1. Copy the new image from a USB memory to flash.

```
Controller#copy usbflash0:/ ct5760-ip-servicesk9.SSA.03.07.97.EMD.150-7.97.EMD.bin
flash:

Destination filename [ct5760-ip-servicesk9.SSA.03.07.97.EMD.150-7.97.EMD.bin]? Copy in
progress...CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
266151060 bytes copied in 36.030 secs (7386929 bytes/sec)

Controller#
```

2. Expand your bundled image from flash by using CLI below for the first install only. If this is not the first install, see Step 5.

```
Controller#software expand file flash:ct5760-ip-servicesk9.SSA.03.07.97.EMD.150-
7.97.EMD.bin verbose

Preparing expand operation

[1]: Expanding bundle flash:ct5760-ip-servicesk9.SSA.03.07.97.EMD.150-7.97.EMD.bin
[1]: Copying package files
[1]: Package files copied
[1]: Finished expanding bundle flash:ct5760-ip-servicesk9.SSA.03.07.97.EMD.150-
7.97.EMD.bin
```

3. Verify the expanded files from flash.

```
Controller#dir flash:

Directory of flash:/

311309-rw-266151060Mar 31 2010 05:58:22 +00:00ct5760-
ip-servicesk9.SSA.03.07.97.EMD.150-7.97.EMD.bin
360451-rw-96724320Mar 31 2010 06:00:19 +00:00ct5760- base.SSA.03.07.97.EMD.pkg
360452-rw-1292972Mar 31 2010 06:00:25 +00:00ct5760- drivers.SSA.03.07.97.EMD.pkg
360453-rw-53521356Mar 31 2010 06:00:21 +00:00ct5760- infra.SSA.03.07.97.EMD.pkg
360454-rw-43506528Mar 31 2010 06:00:23 +00:00ct5760-iosd-
ip-servicesk9.SSA.150-7.97.EMD.pkg
360455-rw-20646616Mar 31 2010 06:00:22 +00:00ct5760-
platform.SSA.03.07.97.EMD.pkg
360456-rw-50455240Mar 31 2010 06:00:25 +00:00ct5760-
```

```
wcm.SSA.03.07.97.EMD.pkg
360450-rw-1208 Mar 31 2010 06:00:36 +00:00packages.conf
```

4. Configure boot from flash.

```
Controller#conf t
Controller(config)#boot system flash:packages.conf
Controller(config)#end
Controller#
```

5. For future upgrades, enter these commands.

```
software install file flash:ct5760-ipservicesk9.SSA.03.08.58.EMP.150-
8.58.EMP3.bin verbose
Preparing install operation ...
[1]: Starting install operation
[1]: Expanding bundle flash:ct5760-ipservicesk9.SSA.03.08.58.EMP.150-
8.58.EMP3.bin
[1]: Copying package files
[1]: Package files copied
[1]: Finished expanding bundle flash:ct5760-ipservicesk9.SSA.03.08.58.EMP.150-
8.58.EMP3.bin
[1]: Verifying and copying expanded package files to flash:
[1]: Verified and copied expanded package files to flash:
[1]: Starting compatibility checks
[1]: Finished compatibility checks
[1]: Starting application pre-installation processing
[1]: Finished application pre-installation processing
[1]: Old files list:
Removed ct5760-base.SSA.03.08.58.EMP1.pkg
Removed ct5760-drivers.SSA.03.08.58.EMP1.pkg
Removed ct5760-infra.SSA.03.08.58.EMP1.pkg
Removed ct5760-iosd-ipservicesk9.SSA.150-8.58.EMP1.pkg
Removed ct5760-platform.SSA.03.08.58.EMP1.pkg
Removed ct5760-wcm.SSA.03.08.58.EMP1.pkg
[1]: New files list:
Added ct5760-base.SSA.03.08.58.EMP3.pkg
Added ct5760-drivers.SSA.03.08.58.EMP3.pkg
Added ct5760-infra.SSA.03.08.58.EMP3.pkg
Added ct5760-iosd-ipservicesk9.SSA.150-8.58.EMP3.pkg
Added ct5760-platform.SSA.03.08.58.EMP3.pkg
Added ct5760-wcm.SSA.03.08.58.EMP3.pkg
[1]: Creating pending provisioning file
[1]: Finished installing software.New software will load on reboot.
[1]: Committing provisioning file
[1]: Do you want to proceed with reload? [yes/no]:yes
```

6. Reset the system.