



## Upgrading to WSG Release 4.0

WSG Release 4.0 and later supports inter-chassis, stateful 1:1 redundancy for high availability. The PPC of the active WSG syncs its state to the corresponding PPC of the redundant WSG. An upgrade to the software image can be performed on both the active and the standby WSG in a redundant setup with minimal to no service disruption.

This appendix describes the recommended procedure for upgrading from WSG Release 3.0 to WSG Release 4.0 software. WSG Release 4.0 also provides a path for a graceful downgrade in the event that the attempted upgrade was not successful. However, the graceful downgrade is only available when all the existing tunnels and their respective states are still intact. Otherwise, the downgrade is not graceful.



### Note

Graceful upgrade and downgrade are only available between WSG Release 3.0 and Release 4.0. There is no support for graceful upgrade and downgrade between WSG Release 2.0 and Release 4.0.



### Note

Do not execute the **copy running-config startup-config** command at any time during the upgrade or downgrade process. Only execute the command when the upgrade or downgrade process is complete.



### Note

When there is an **ha-revertive** configuration active, the revertive action will not kick in during an upgrade or downgrade process. Once the upgrade or downgrade process is complete, re-configure **ha-revertive** in the running configuration on the active card, and execute the **copy running-config startup-config** command.

Perform the following steps to upgrade from WSG Release 3.0 to WSG Release 4.0 software:

- Step 1** Copy the running configuration to the startup configuration by executing the **copy running-config startup-config** command on all SAMIs.

```
WSG# copy run start
running config of context Admin saved
Copying operation succeeded.
```

This will save the configurations on the SUP bootflash as a `SLOT<slot>SAMI<processor>.cfg` file.

```
WSG# dir bootflash:SLOT4SAMIC3.cfg
Directory of bootflash:/SLOT4SAMIC3.cfg
243 -rw-          1697 Aug 16 2011 23:05:28 -08:00  SLOT4SAMIC3.cfg
65536000 bytes total (62448108 bytes free)
```









