

**\*\*\* How to Upgrade the Adtran AOS \*\*\***

Show contents of the flash memory

```
#####  
NetVanta#show flash  
#####
```

Erase file from flash memory

```
#####  
NetVanta#erase flash 9950890-2A170302.biz  
Deleting NONVOL:/9950890-2A170302.biz... done.  
#####
```

Copy AOS \*from\* TFTP server \*to\* Adtran

```
#####  
NetVanta#copy tftp flash  
Address of remote host? 10.12.14.50  
Source filename? NV4305A-R10-2-1.biz  
Destination filename? [NV4305A-R10-2-1.biz]  
Initiating TFTP transfer...  
Received 11327217 bytes in 171 sec. (64.688 KB/sec)  
#####
```

Copy AOS \*from\* Adtran \*to\* TFTP server

```
#####  
NetVanta#copy flash tftp  
Address of remote host? 10.12.14.50  
Source filename? NV4305A-18-03-01-00-E.biz  
Destination filename? NV4305A-18-03-01-00-E.biz  
Initiating TFTP transfer...  
Sent 11255501 bytes in 52 secs. (211.377 KB/sec)  
Transfer complete.  
#####
```

Verify boot file on the Adtran router

(some Adtrons running older code may not have this command)

```
#####  
NetVanta# verify flash NV4305A-18-03-01-00-E.biz  
Verifying ... NONVOL:/NV4305A-18-03-01-00-E.biz for boot.  
Please wait...  
Valid boot file.  
#####
```

Activate the new firmware, specify a backup firmware, and verify the images are valid

```
#####  
NetVanta(config)#  
boot system flash NV4305A-R10-2-1.biz << backup image name >> verify  
#####
```

\*Note: Run "show version" to see the primary and backup images configured