Following are the steps to upload the images to ER Series Routers.

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Procedure to burn the NOR flash of ER series router

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For NOR flash burning, please prefer to use JTAG .If JTAG is not an option then you can use the following steps on u-boot. Router may lock up if interrupted in between the burn process.

1) Copy the "**norflash-8MB-0.018.img**"in the TFTP server directory.
2) Power up the ER series router.
3) Set up the "**IP address of the ER series router"** and "**TFTP server IP address"** at the u-boot prompt.
4) At the u-boot prompt, type "**tftp 200000 norflash-8MB-0.018.img"**
5) Execute following command on u-boot prompt "**protect off all'**
6) Erase all NOR sectors by executing the command on u-boot prompt "**erase all"**
7) Use the following command to copy the contents of router's RAM onto flash "**cp.b 200000 FF800000 ${filesize}"**
8) Power off and on the router once. If the NOR flash burning process is successful router will ask for NAND flash burning steps.

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Procedure to burn NAND flash of ER series router

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After successful burning of the NOR flash using "**norflash-8MB-0.018.img"** follow below steps

1) Place "**nandflash-static-0.018.img and nandflash-yaffs2-0.018.img**"in the TFTP server directory "/**tftpdir'**.
3) Connect the router to TFTP server thru LAN.
3) Boot the router with only NOR flash burnt.
4) On boot up, the router asks for various parameters like "**IP addresses and TFTP server name'** etc**.**
5) Router uses this information to download and burn its NAND flash images automatically.
6) After the router has burnt the NAND flash, reboot the router. The router will boot with both NOR and NAND flash. The user will get the router command prompt.

Note: The image file names will be change after for every new software release.