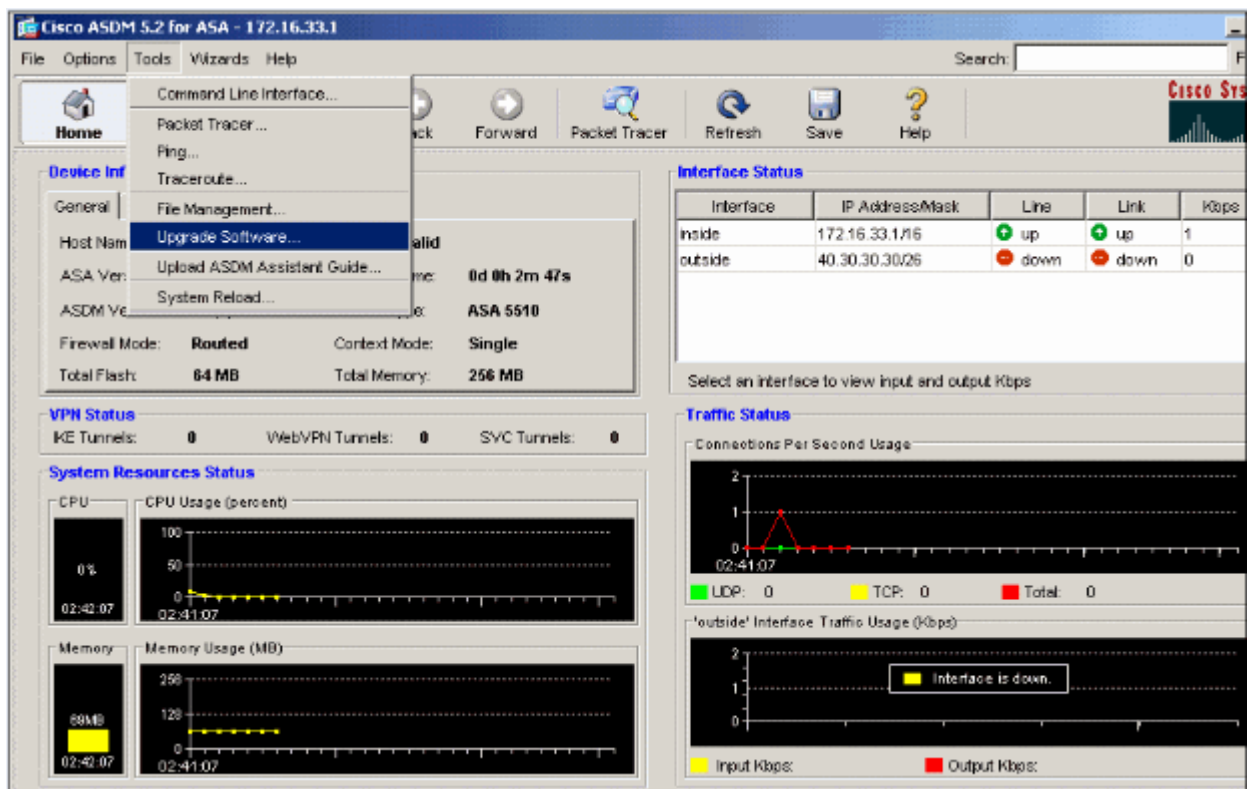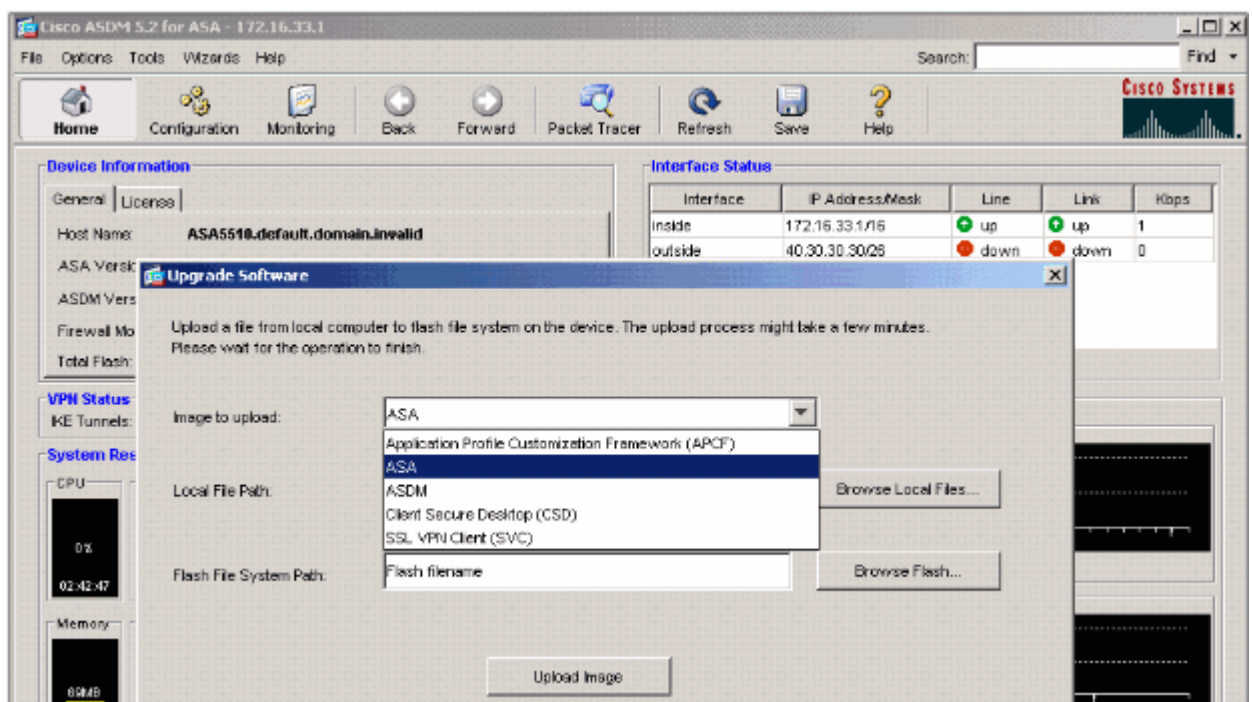# Upgrade ASA and ASDM Cisco ASA Firewall

Complete these steps to upgrade a software image on the ASA 5500 using ASDM.

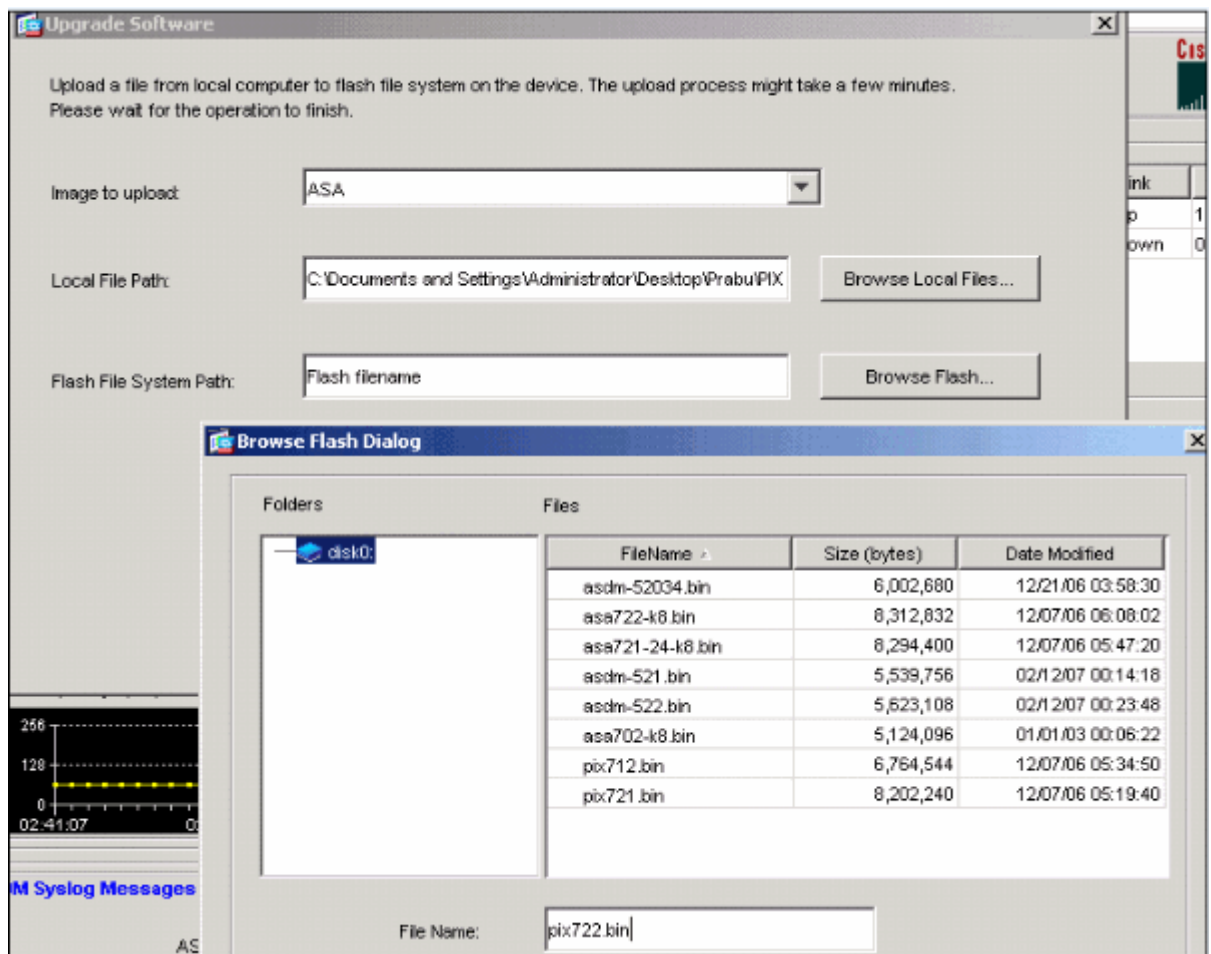1. Select **Tools > Upgrade Software...** from the Home window of the ASDM.

2. Select the type of image to upload from the drop-down menu.

3. Click **Browse Local Files...** or type the path in the Local File Path field to specify the location of the software image on your PC.
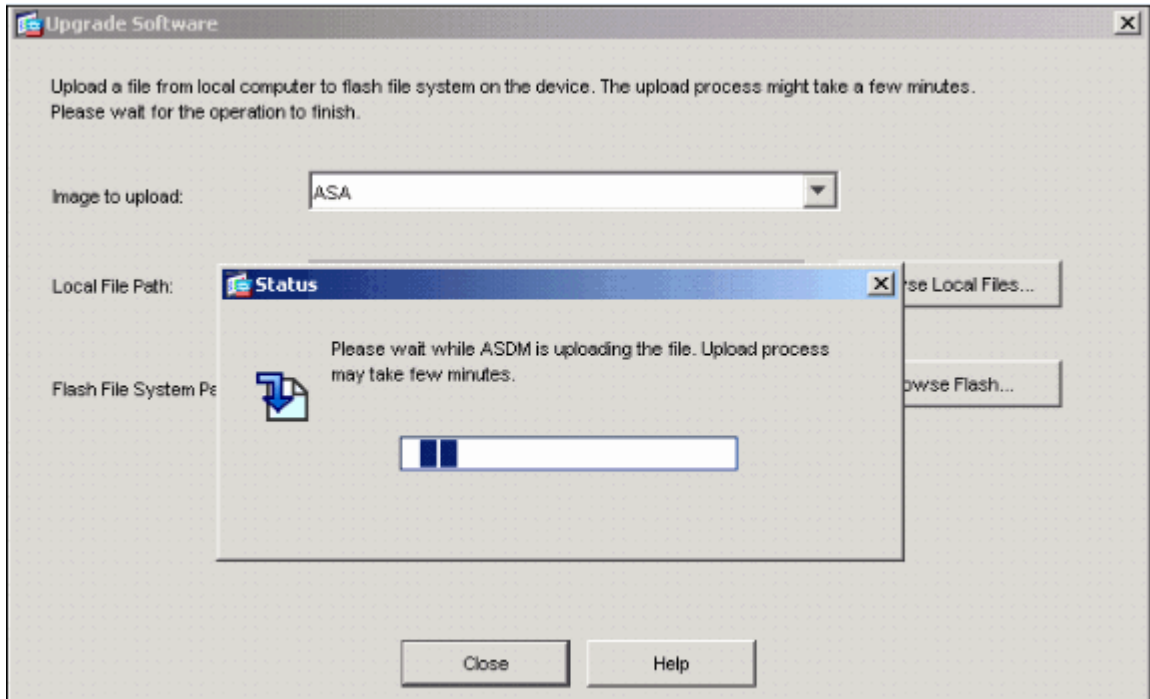
4. Click **Browse Flash...**.

A Browse Flash Dialog window appears with the file name entered automatically. If the file name does not appear, enter it manually in the File Name field. Click **OK** when you are done.
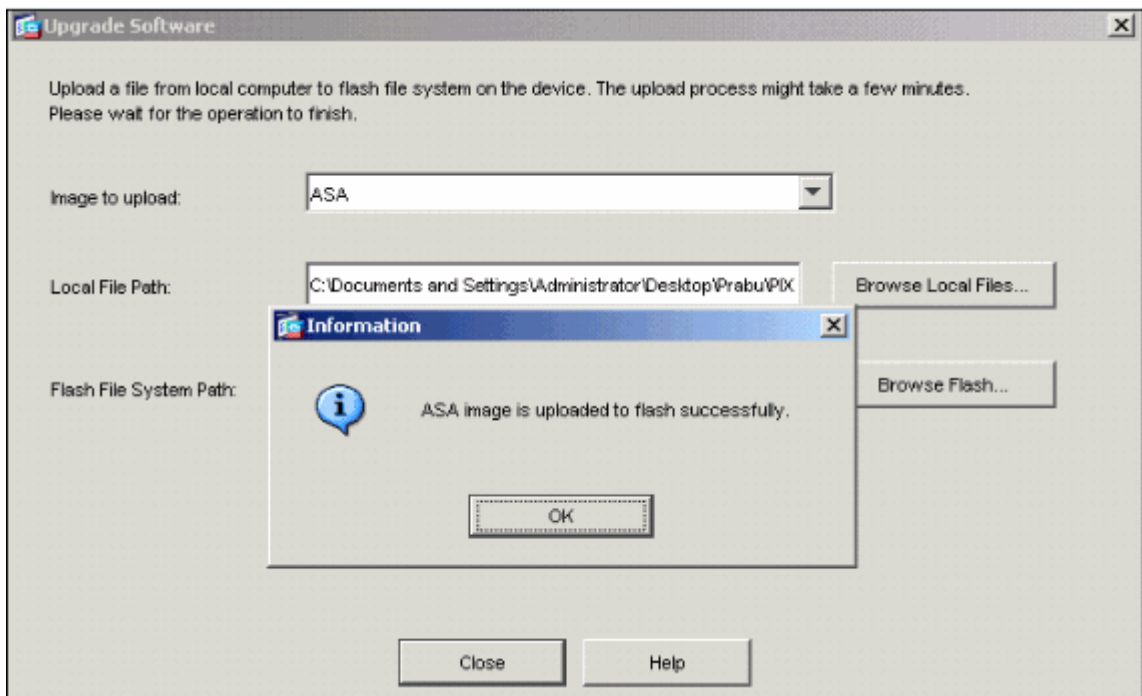

5. Once both the local and remote file names are specified, click **Upload Image**.
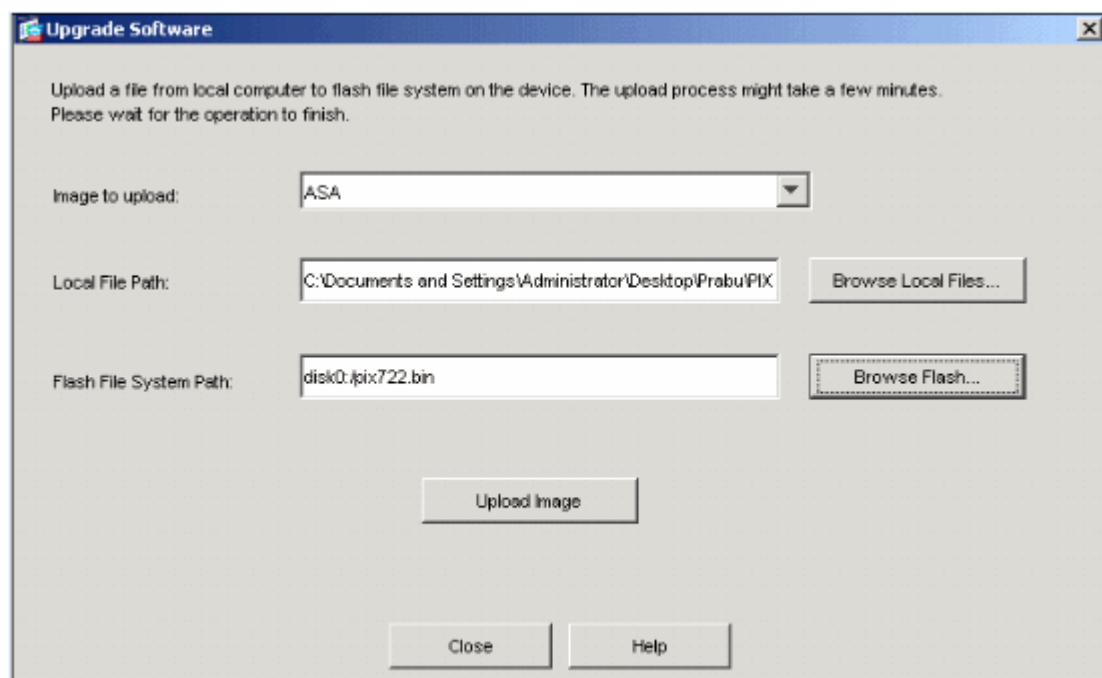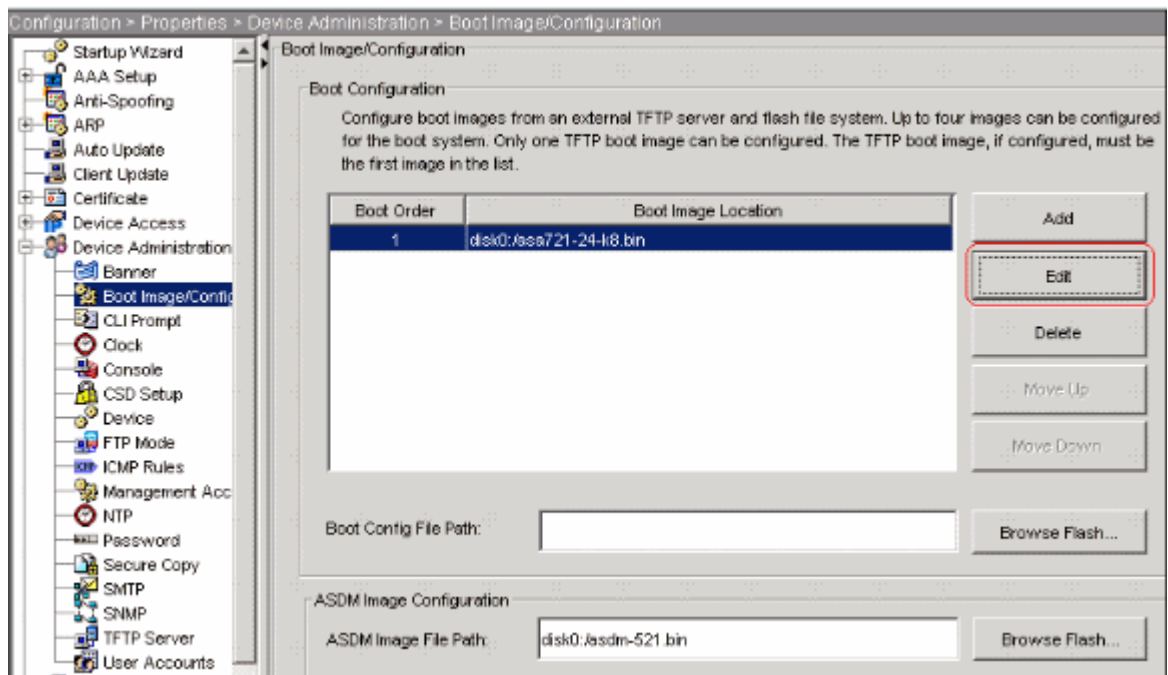
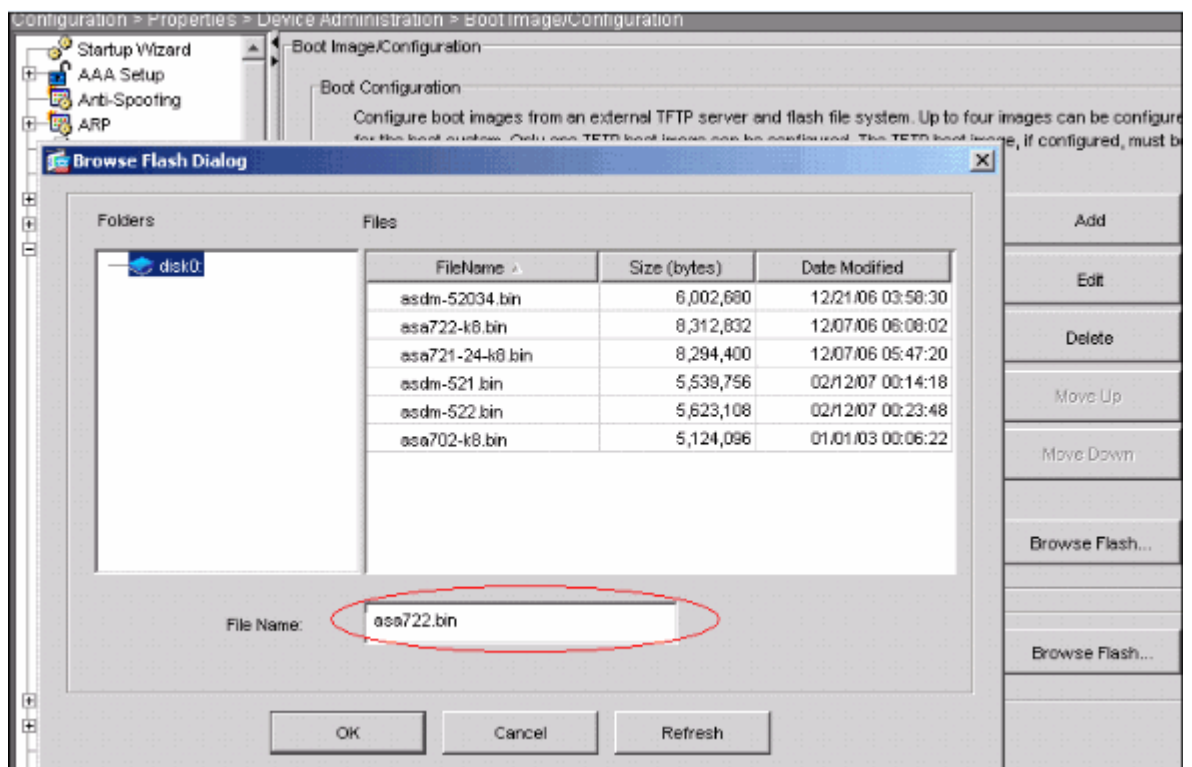A Status window appears while ASDM writes the image to Flash.

Once completed, an Information window appears that indicates a successful upload.
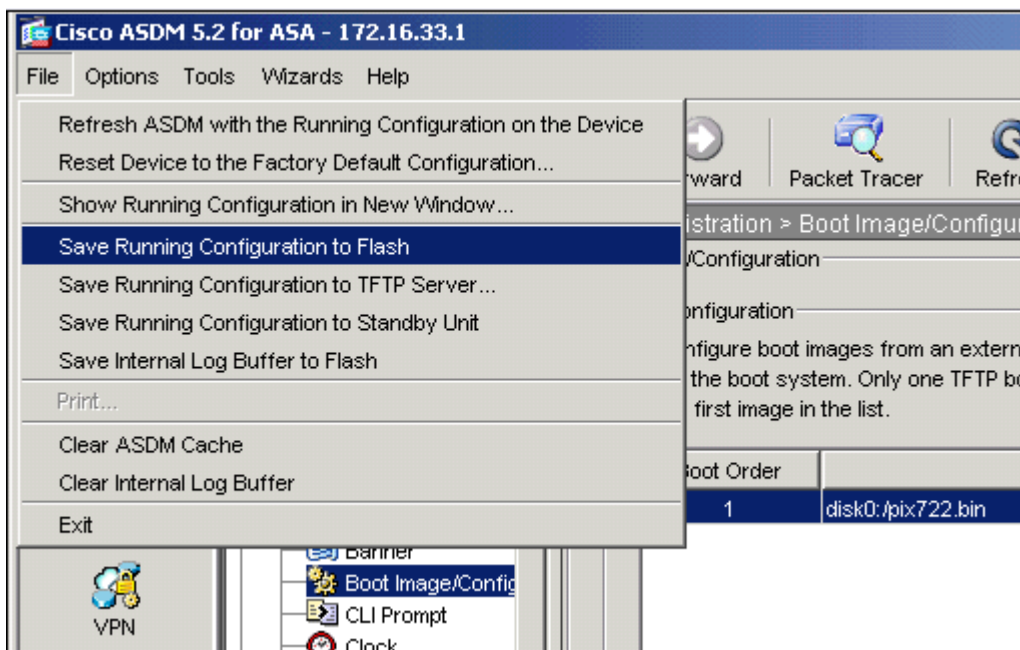

6. Click **OK** in the Information window and then **Close** in the Upload Image from Local PC window.
7. Choose **Configuration > Properties > Device Administration > Boot Image/Configuration > Edit** in order to change the boot image location.
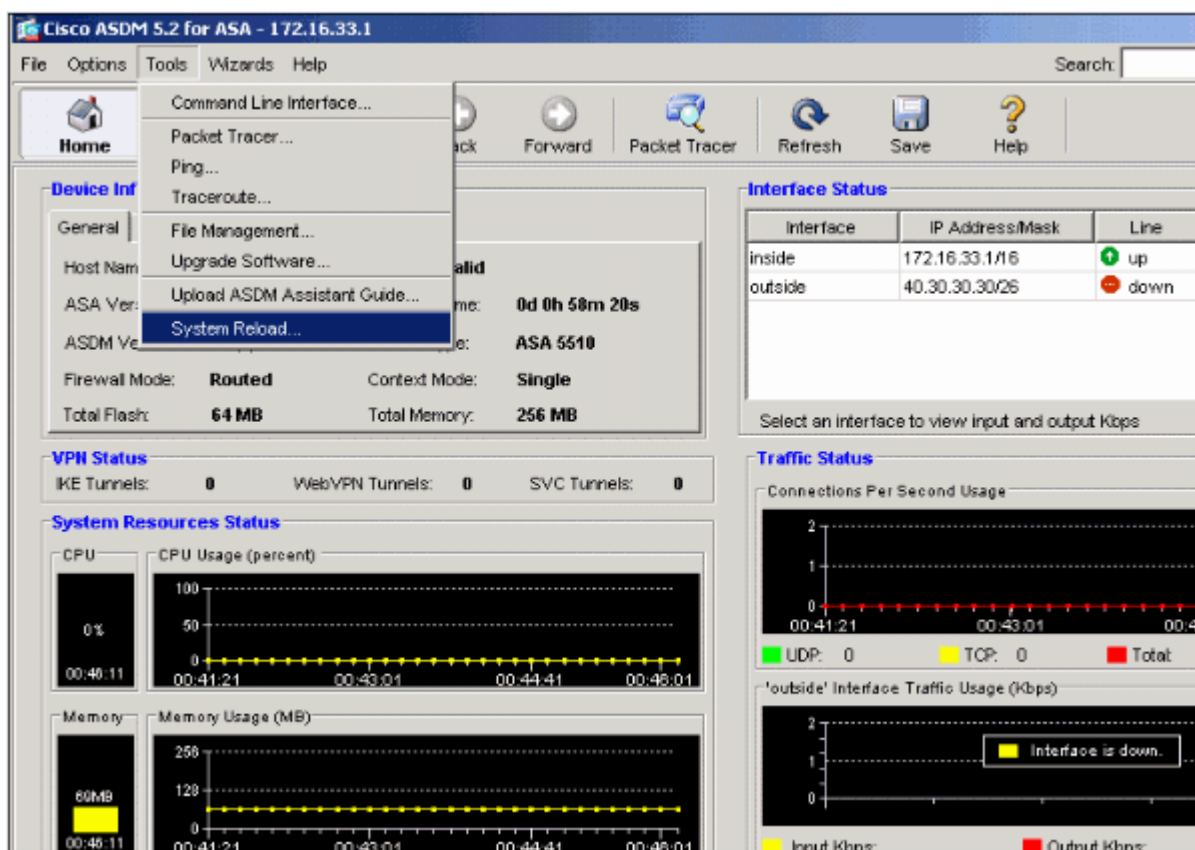
Click **Browse Flash** in order to choose or specify the ASA image file. Then click **OK**.

8. Choose **File > Save Running Configuration to Flash** in order to store the configuration to Flash memory.

9. Choose **Tools > System Reload** from the Home window to reload the device.

10. A new window appears that asks you to verify the details of the reload. Select **Save the running configuration at the time of reload** and then choose a time to reload.
    o **Now**—Reboot the device immediately.
    o **Delay By**—Specify in how many minutes or hours from now to reload the device.
    o **Schedule at**—Specify a time and date to reload the device.

    You can also specify whether or not the device should force a reload immediately if a scheduled reload fails. Check **On Reload failure, force an immediate reload after** and then
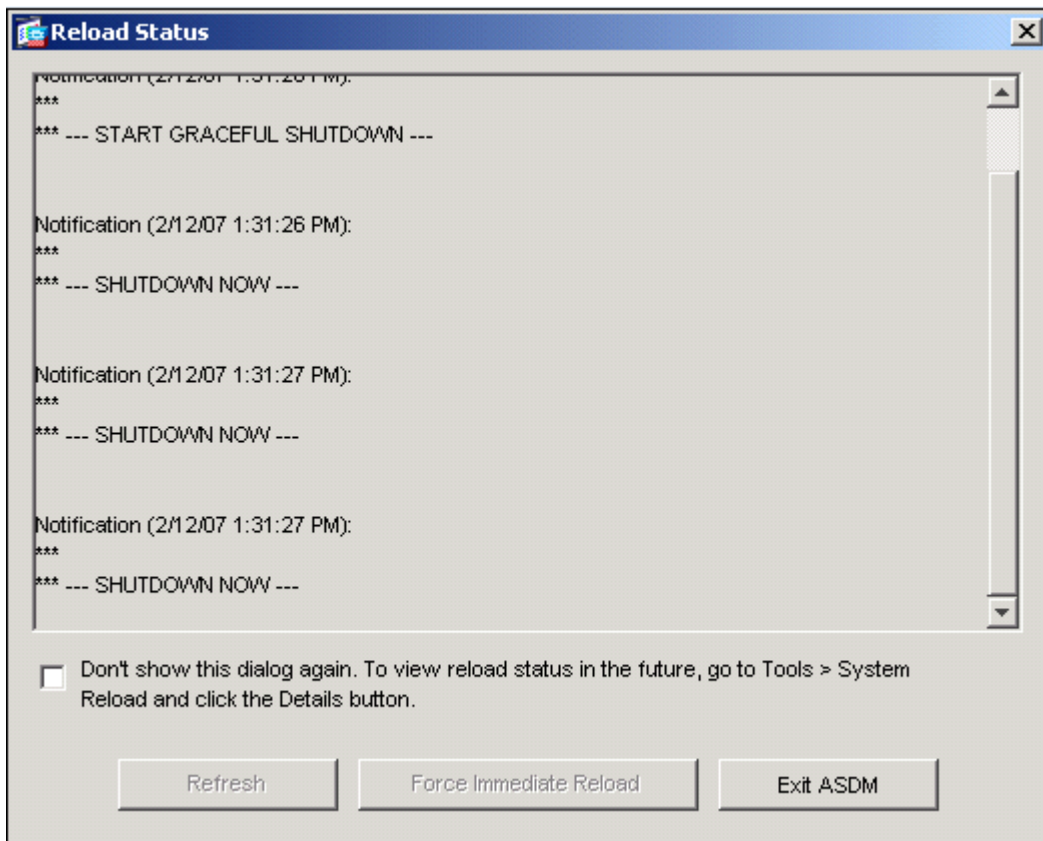
specify a maximum hold time. This is the amount of time that the security appliance waits to notify other subsystems before a shutdown or reboot. After this time elapses, a quick (forced) shutdown/reboot occurs. Click **Schedule Reload**.

11. Once the reload is in progress, a Reload Status window appears that indicates that a reload is being performed. An option to exit ASDM is also provided.
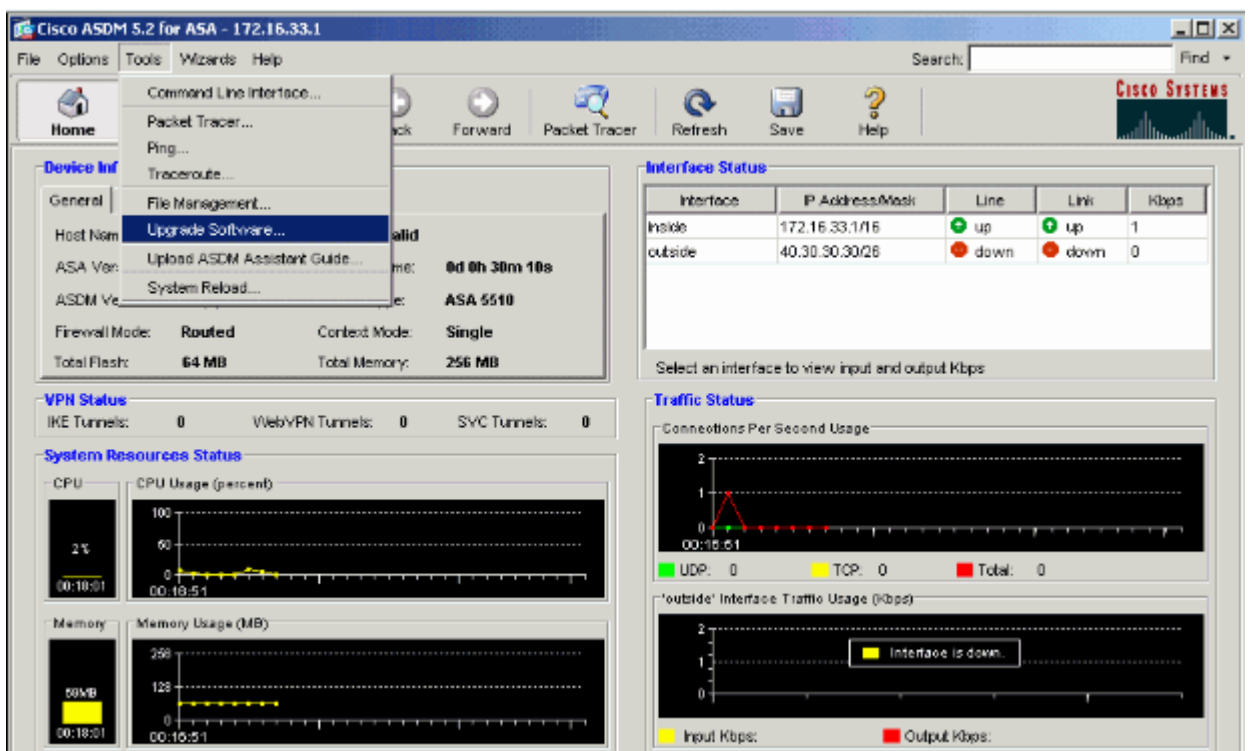
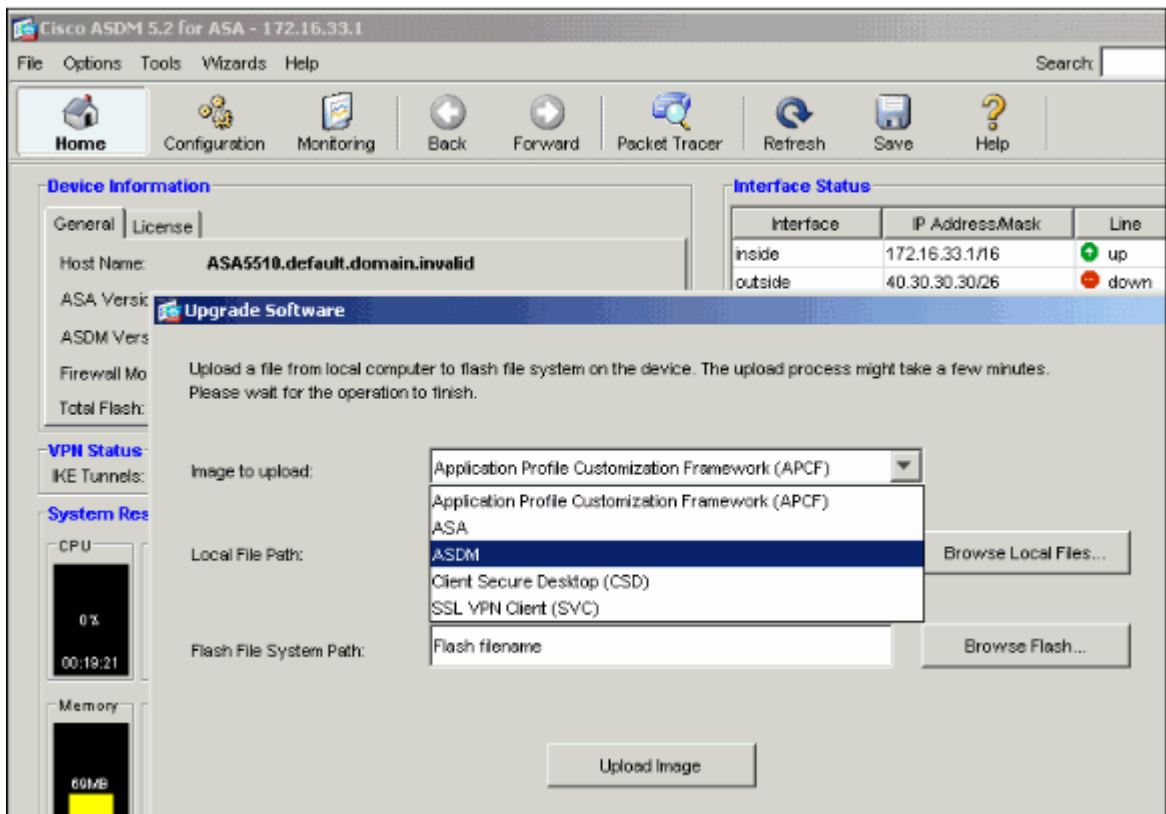**Note:** Start ASDM again after the ASA reloads.

Upgrade an ASDM Image using ASDM 5.x

Complete these steps to upgrade an ASDM image on the ASA 5500 using ASDM.

1. Choose **Tools > Upgrade Software...** from the Home window of the ASDM.
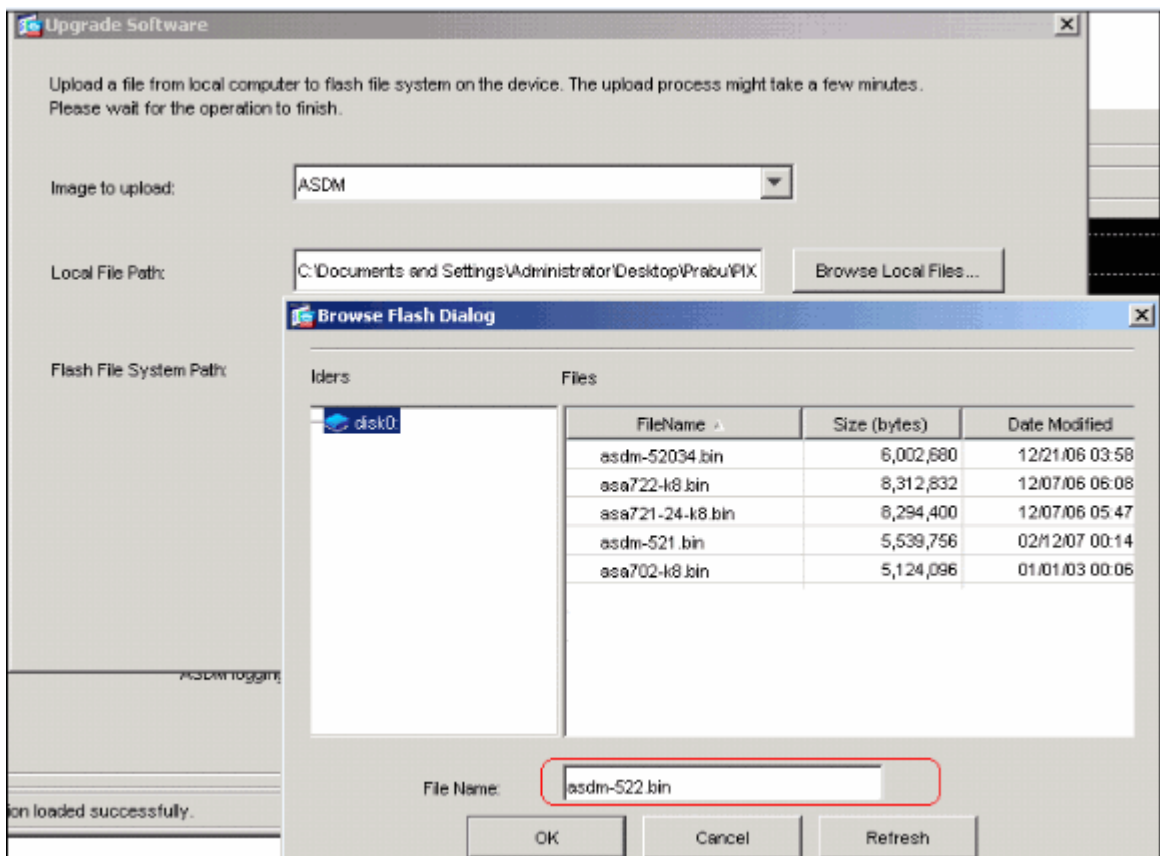

2. Select the type of image to upload from the drop-down menu.

3. Click **Browse Local...** or type the path in the Local File Path field to specify the location of the ASDM image on your PC.
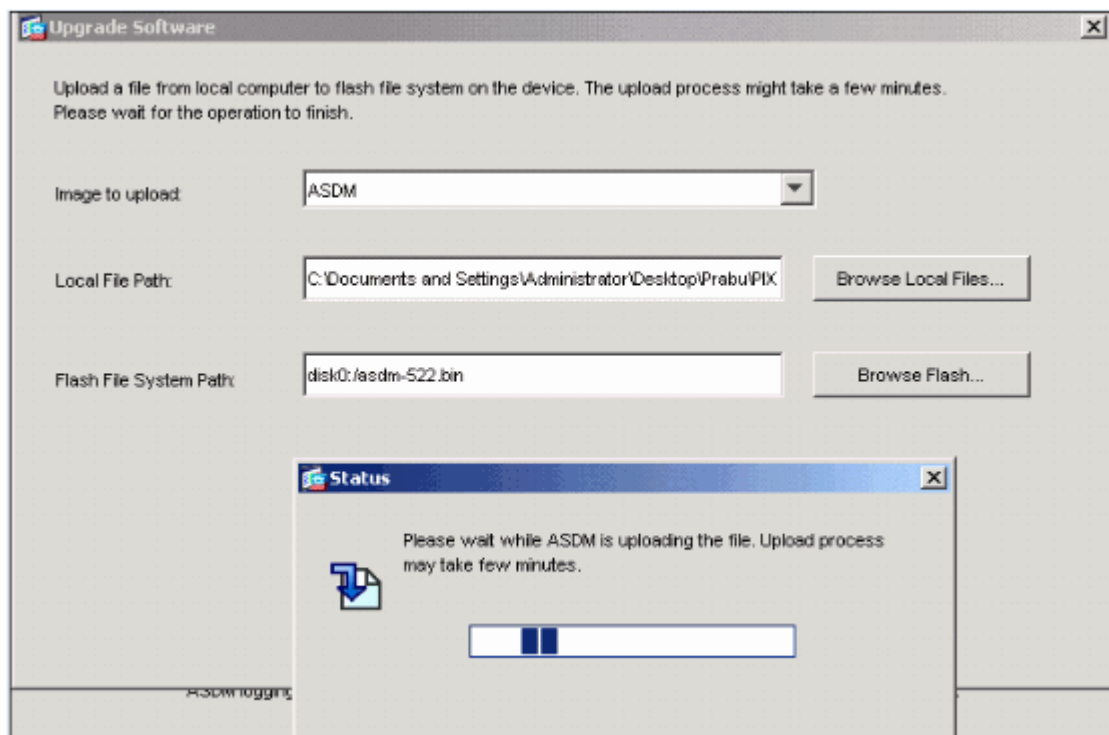4. Click **Browse Flash...**.

   A Browse Flash Dialog window appears with the file name entered automatically. If the file name does not appear, enter it manually in the File Name field. Click **OK** when you are done.
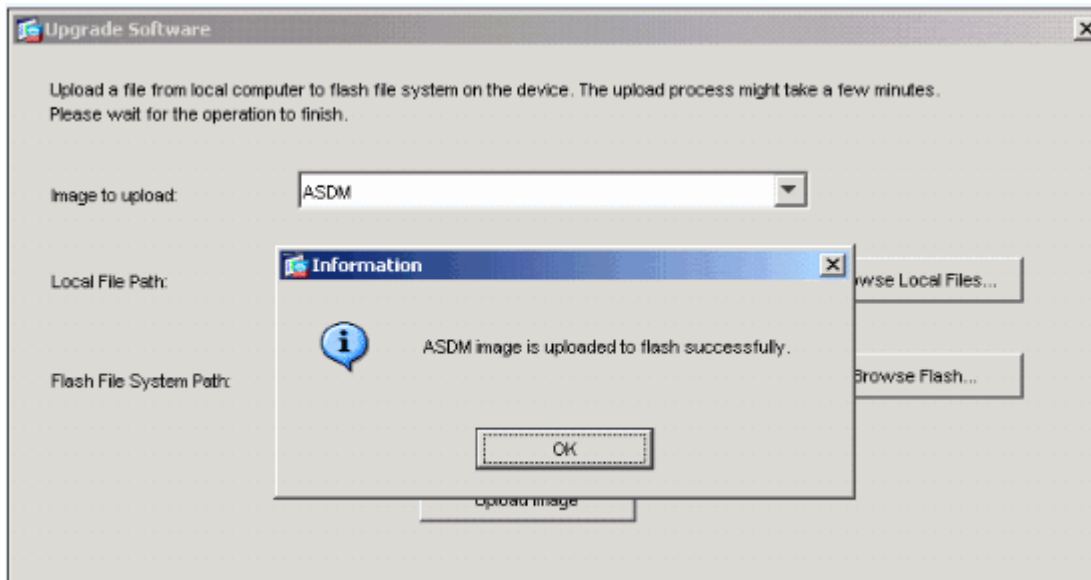
5. Once both the local and remote file names are specified, click **Upload Image**.
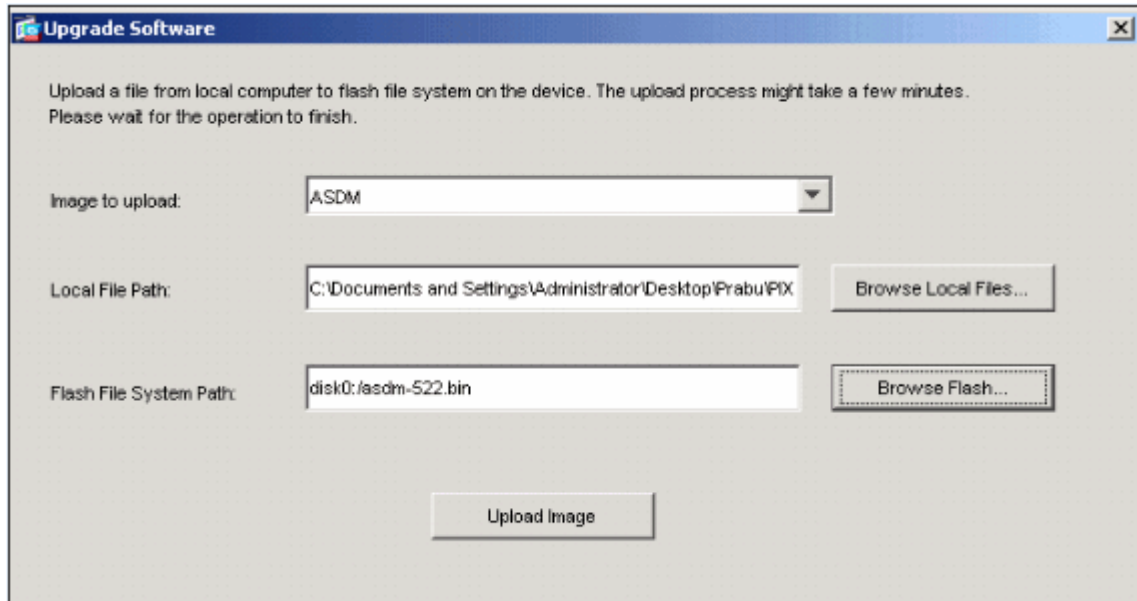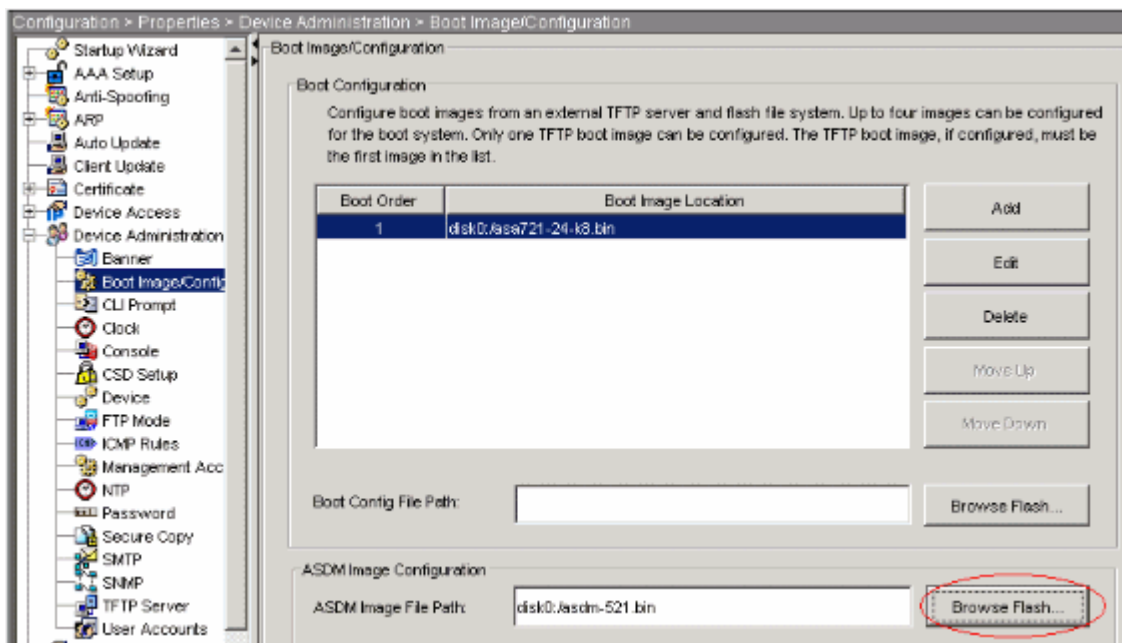

A Status window appears while ASDM writes the image to Flash.

Once completed, an Information window appears that indicates a successful upload.

6. Click **OK** in the Information window and then **Close** in the Upload Image from Local PC window.

7. Choose **Configuration > Properties > Device Administration > Boot Image/Configuration** in order to change the ASDM image file name in the configuration.

Click **Browse Flash** in order to choose or specify the ASDM image file. Then click **OK**.

8. Choose **File > Save Running Configuration to Flash** in order to store the configuration to Flash memory.

9. Choose **Tools > System Reload** from the Home window to reload the device.

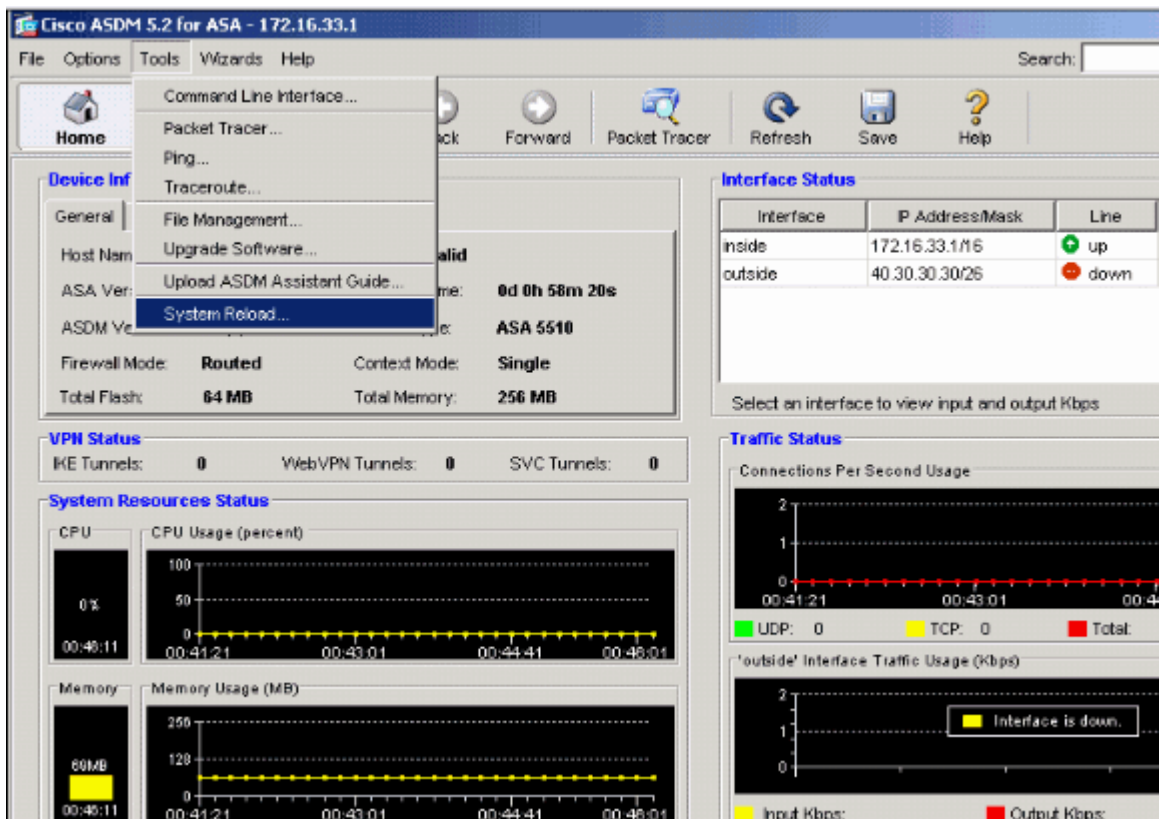10. A new window appears that asks you to verify the details of the reload. Click **Save the
running configuration at the time of reload** and then choose a time to reload.
   o **Now**—Reboot the device immediately.
   o **Delay By**—Specify in how many minutes or hours from now to reload the device.
   o **Schedule at**—Specify a time and date to reload the device.

You can also specify whether or not the device should force a reload immediately if a
scheduled reload fails. Check **On Reload failure, force an immediate reload after** and then
specify a maximum hold time. This is the amount of time that the security appliance waits to
notify other subsystems before a shutdown or reboot. After this time elapses, a quick
(forced) shutdown/reboot occurs. Click **Schedule Reload**.

11. Once the reload is in progress, a Reload Status window appears that indicates that a reload is being performed. An option to exit ASDM is also provided.

Note: Start ASDM again after the ASA reloads.

Upgrade a Software Image with ASDM 6.x
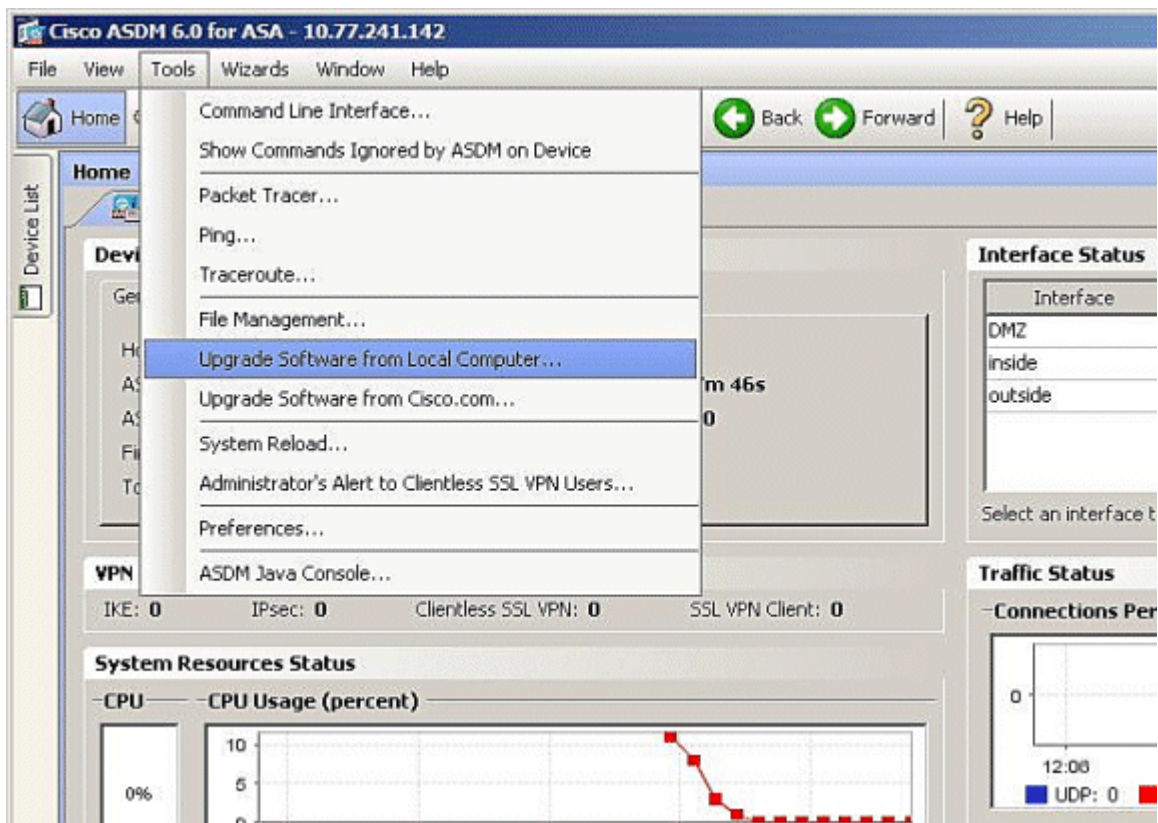
Note: ASDM 6.x is supported only on ASA software image 8.x and later.

Complete these steps to upgrade a software image on the ASA 5500 with ASDM:

1. Choose **Tools > Upgrade Software from Local computer...** from the Home window of the ASDM.

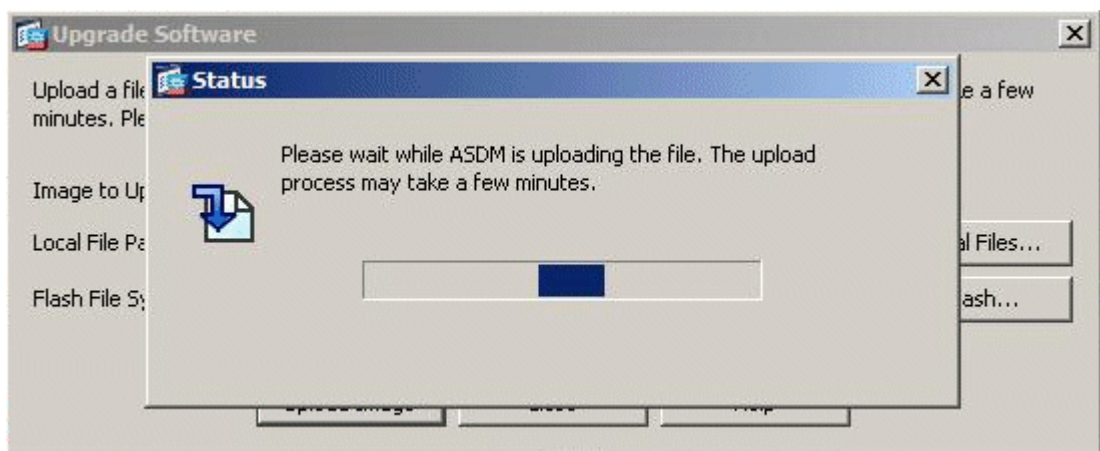2. Choose the type of image to upload from the drop-down menu.

3. Click **Browse Local Files...** or type the path in the Local File Path field to specify the location of the software image on your PC. The file path in **Flash File System** is automatically determined and shown. If the file path in Flash File System is not shown, you can type it manually or click **Browse Flash** and choose the path.
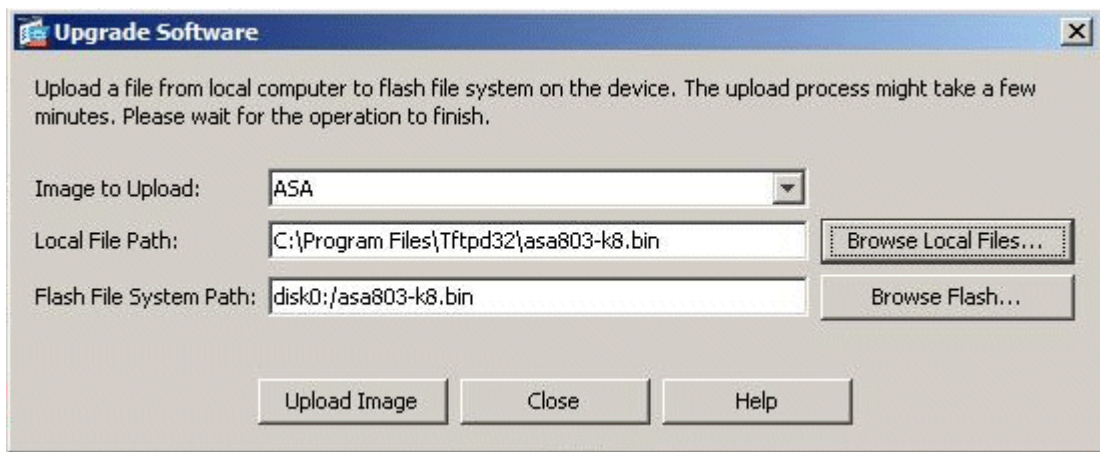
4. Once both of the file paths are specified, click **Upload Image**. A Status window appears while ASDM writes the image to Flash.
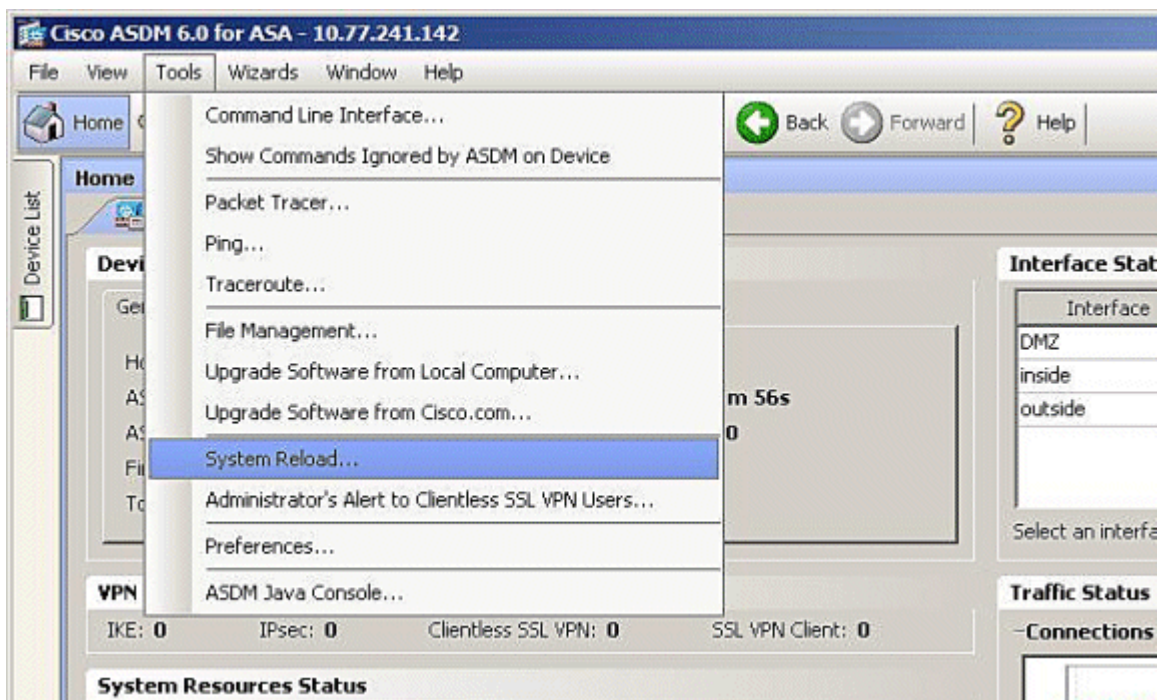

5. Once completed, an Information window appears that indicates a successful upload and asks to set this image as boot image. Click **Yes** if you want the new image to be set as boot image; otherwise click **No**.
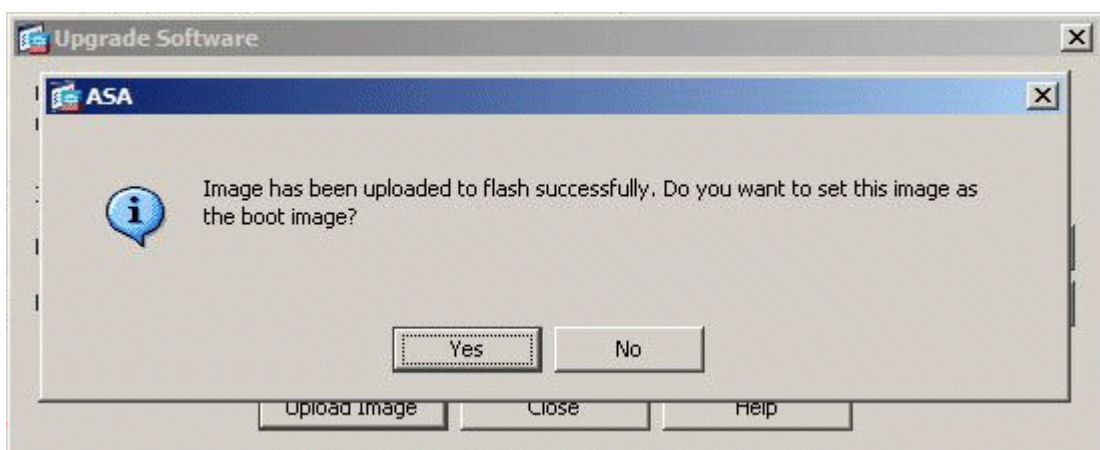
6. If you click **Yes**, it sets the new image as the boot image, and a Information box appears. Click **OK**.

7. Choose **Tools > System Reload** from the Home window to reload the device.


8. A new window appears that asks you to verify the details of the reload. Choose **Save the running configuration at the time of reload**, and then choose a time to reload.
   - ○ **Now**—Reboot the device immediately.
   - ○ **Delay By**—Specify in how many minutes or hours from now to reload the device.
   - ○ **Schedule at**—Specify a time and date to reload the device.

   You can also specify whether or not the device must force a reload immediately if a scheduled reload fails. Check **On Reload failure, force an immediate reload after**, and then specify a maximum hold time. This is the amount of time that the security appliance waits to notify other subsystems before a shutdown or reboot. After this time elapses, a quick (forced) shutdown/reboot occurs. Click **Schedule Reload**.
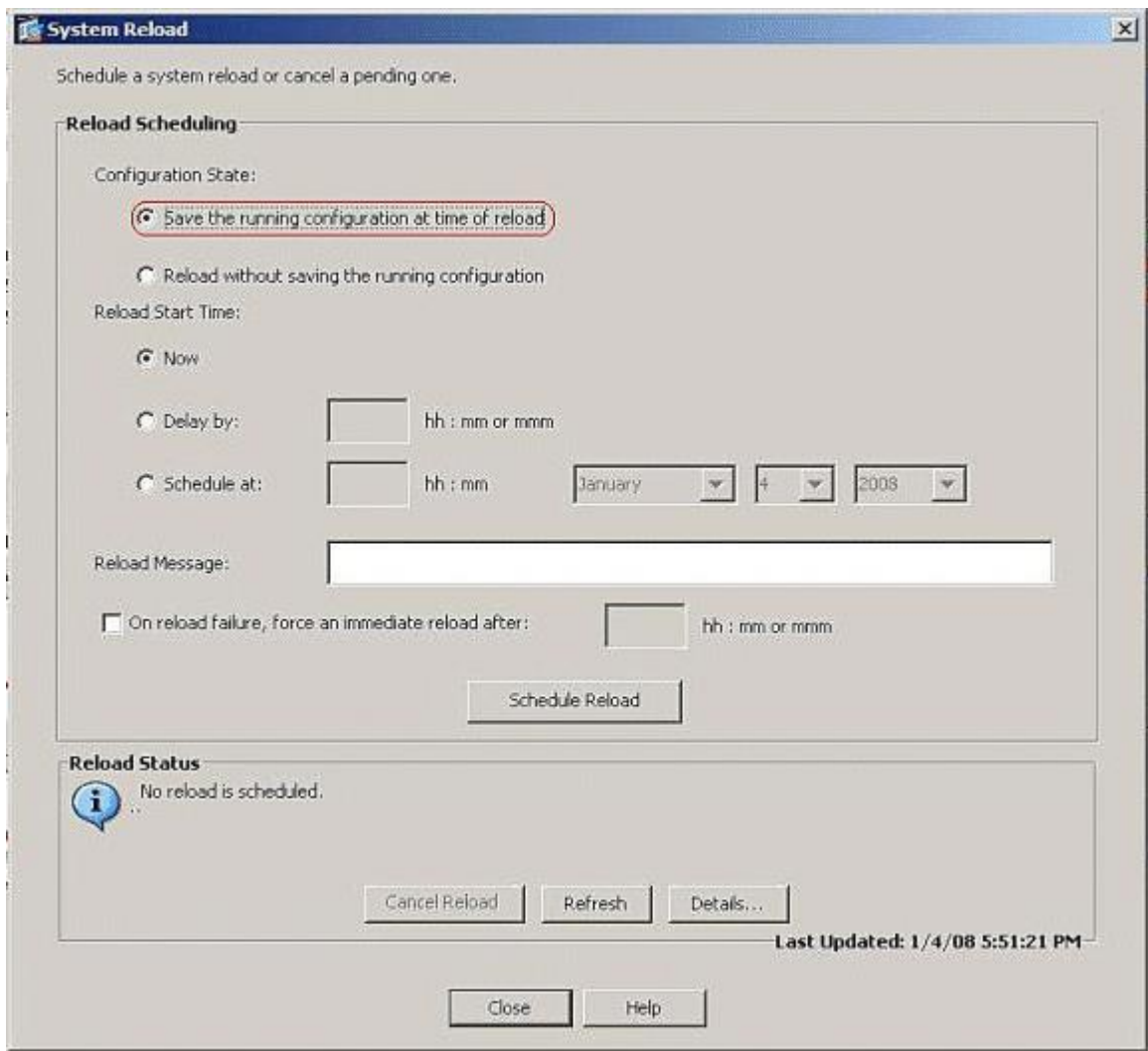
9. Once the reload is in progress, a Reload Status window appears that indicates that a reload is being performed. An option to exit ASDM is also provided. Click **Exit ASDM**, and restart ASDM after the device reloads.
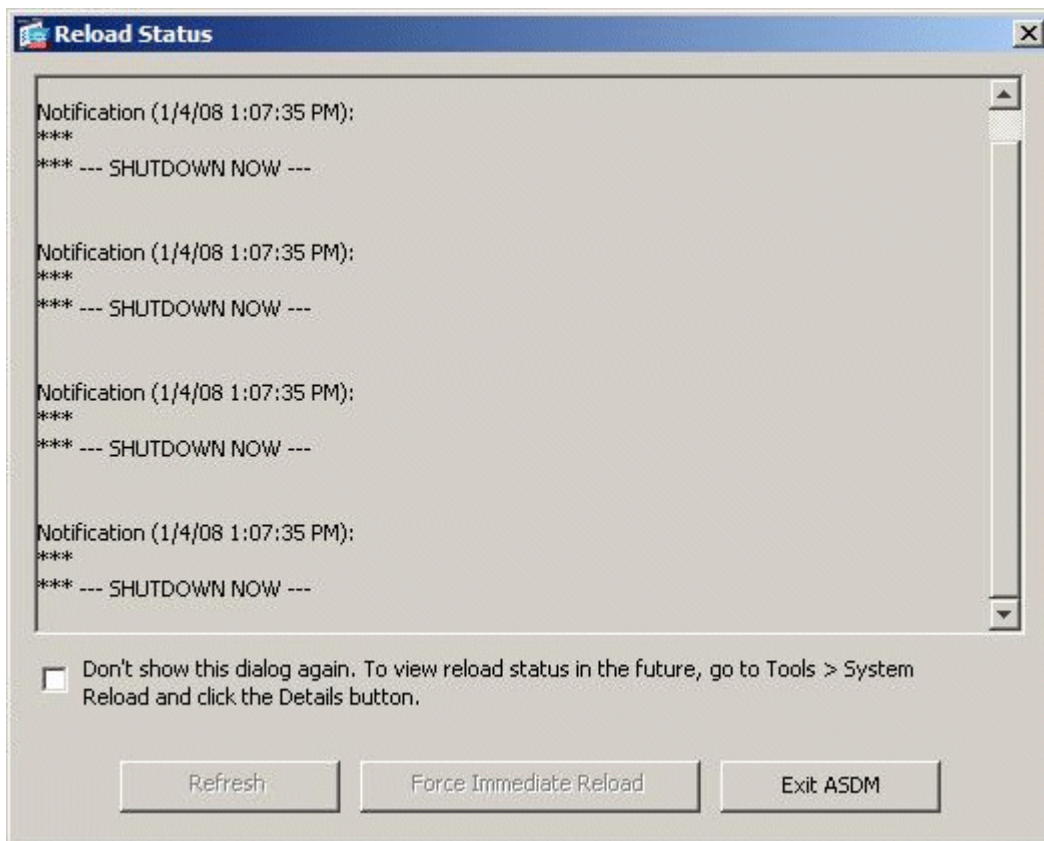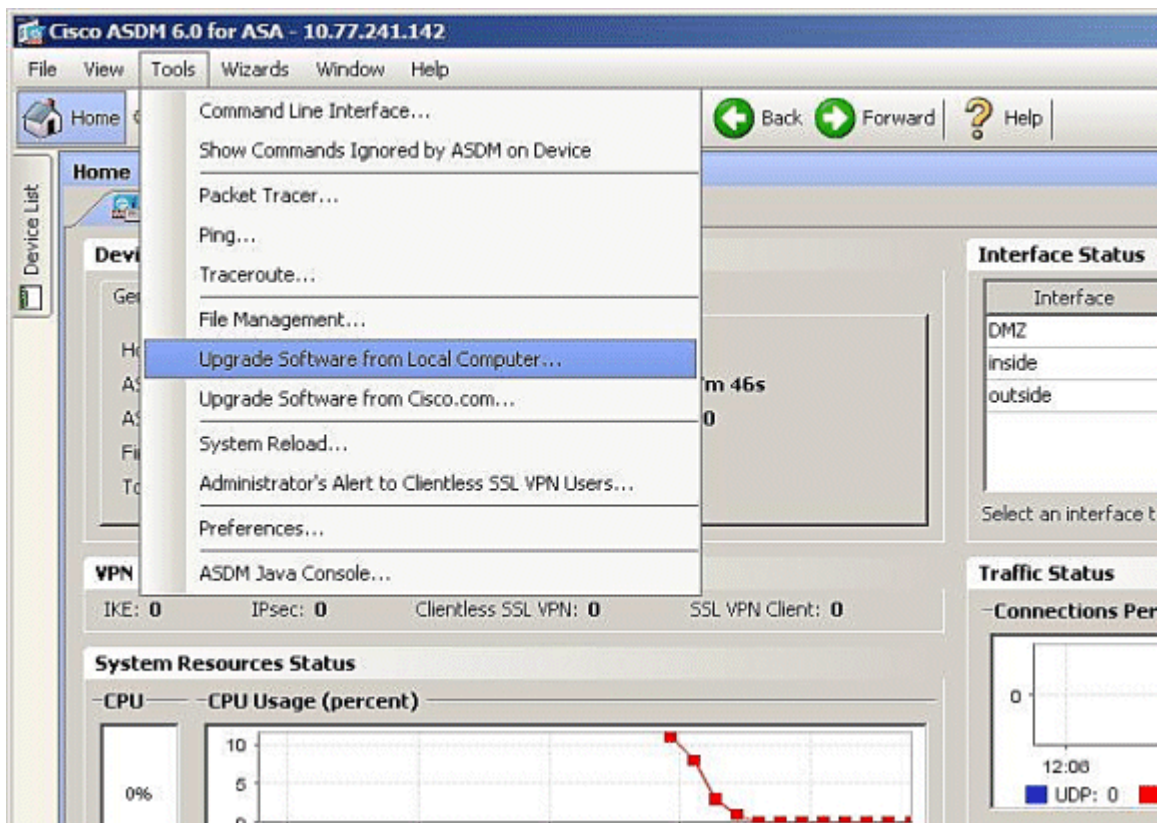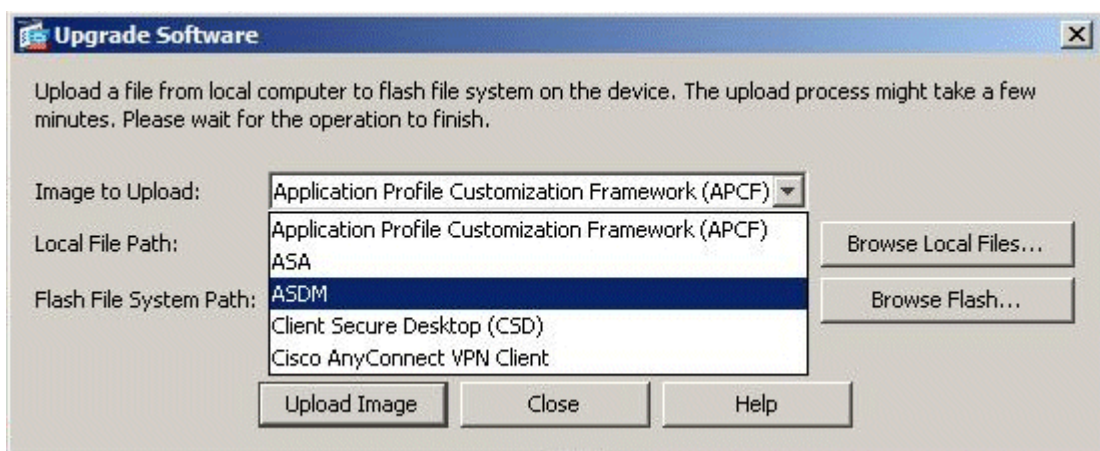
Upgrade an ASDM Image with ASDM 6.x

Note: ASDM 6.x is supported only on ASA software image 8.x and later.

Complete these steps to upgrade an ASDM image on the ASA 5500 with ASDM:

1. Choose **Tools > Upgrade Software from Local Computer...** from the Home window of the ASDM.
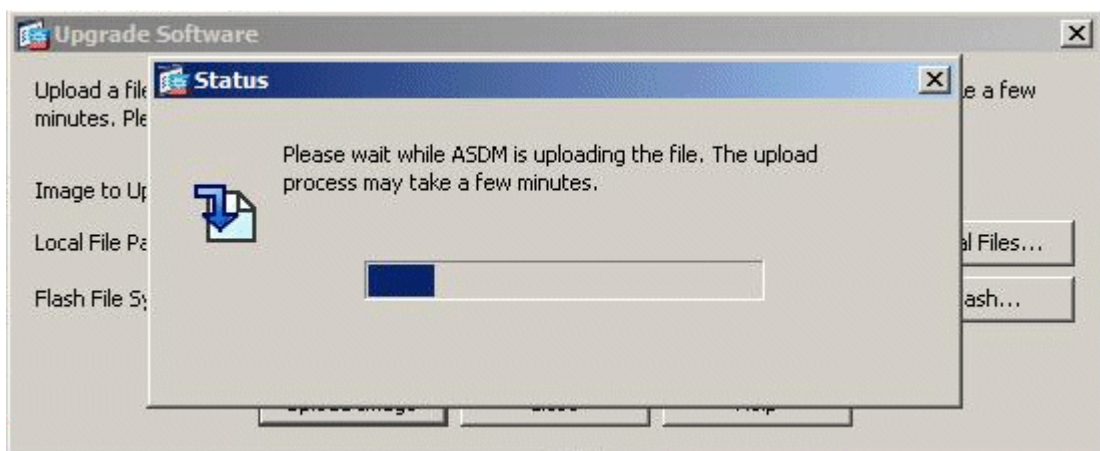
2. Choose the type of image to upload from the drop-down menu.

3. Click **Browse Local Files...** or type the path in the Local File Path field to specify the location of the ASDM image on your PC. The file path in **Flash File System** is automatically determined and shown. If the file path in Flash File System is not shown, you can type it manually or click **Browse Flash** and choose the path.

4. Once both of the file paths are specified, click **Upload Image**. A Status window appears while ASDM writes the image to Flash.


5. Once completed, an Information window appears that indicates a successful upload and asks to set this image as the default an ASDM image. Click **Yes** if you want the new image to be set as the ASDM image; otherwise click **No**.
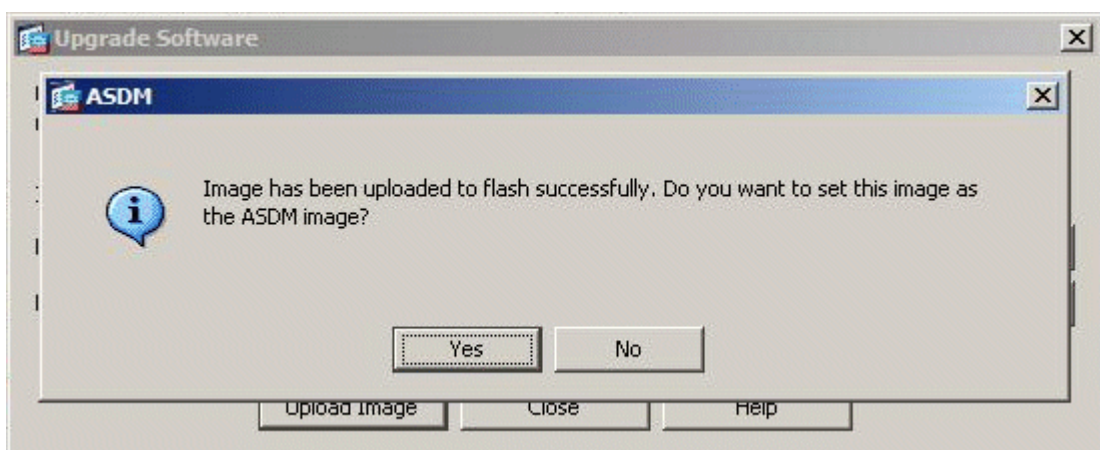
6. If you chose **Yes** to use the new image as the ASDM image, an Information box appears. Click **OK**.
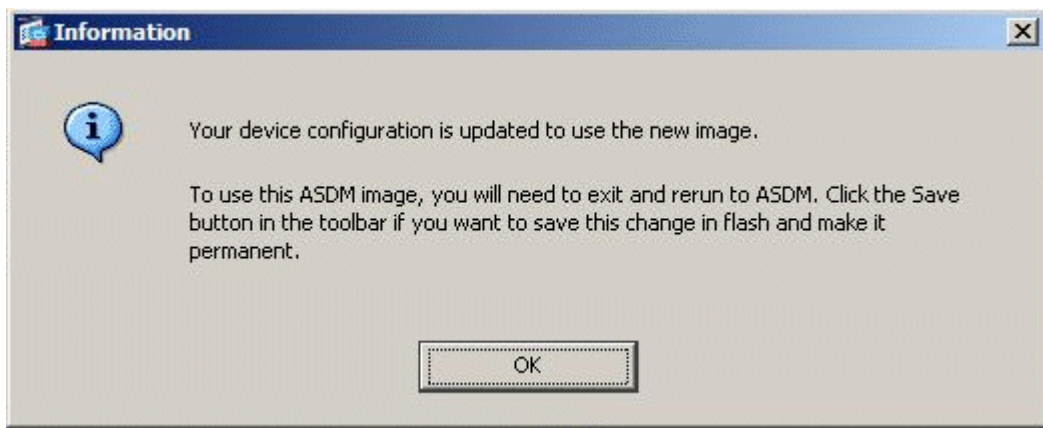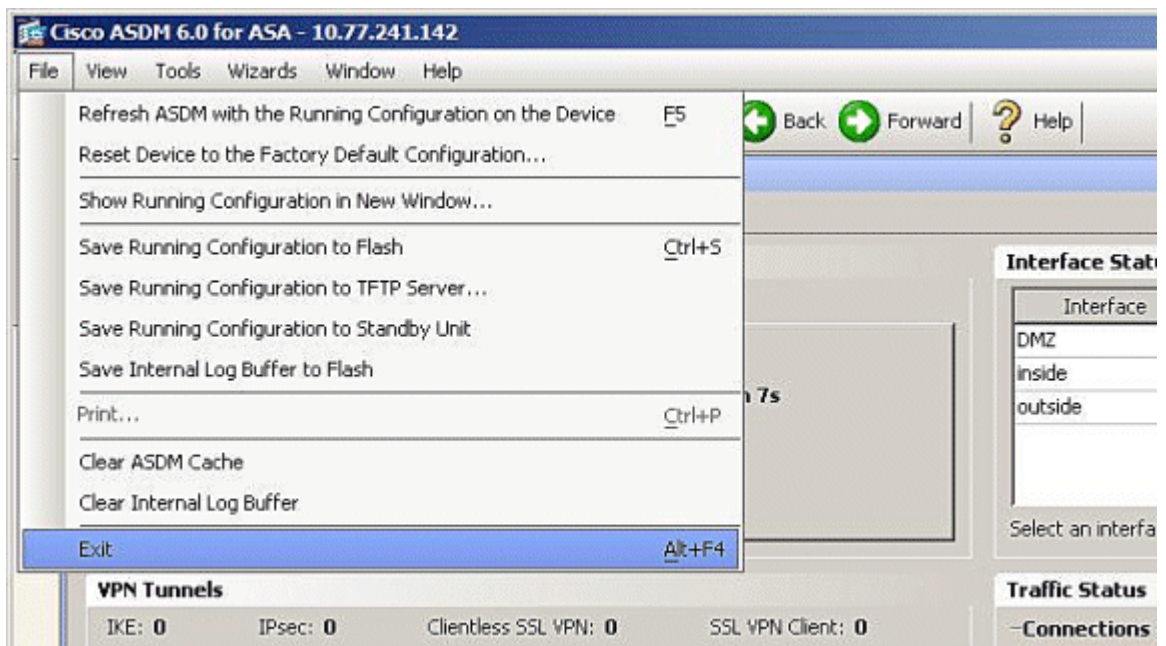
7. Click **Save** on top of the window to save the running configuration to Flash.
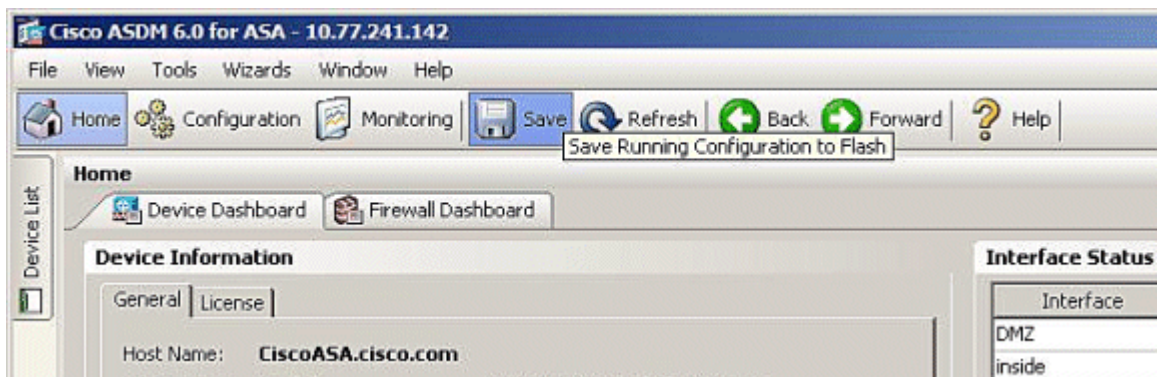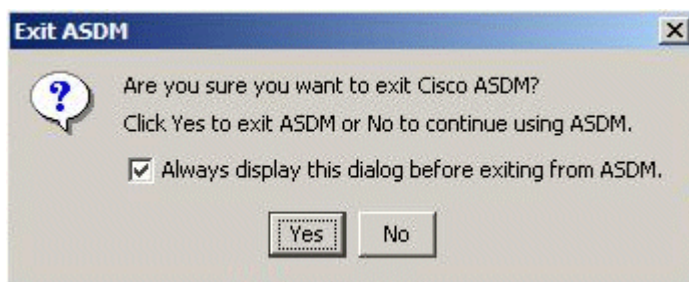

8. A dialog box appears for your confirmation. Click **Apply**.

9. Click **File** on top of window, and choose **Exit** to close ASDM.

10. A dialog box can appear that asks for your confirmation. Click **Yes**.

11. Run ASDM again to load the new ASDM image.

    Refer to this video for more information: [How to upgrade the software image on a Cisco Adaptive Security Appliance(ASA) using Cisco Adaptive Security Device Manager (ASDM)](#)