Upgrade ASA and ASDM Cisco ASA Firewall

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

- Eisco ASDM 5.2 for ASA 172.16.33.1 File Options Tools Wizards Help Search: Command Line Interface. Cisco Sr 2 0 0 Q 6 Packet Tracer... Packet Tracer Home ket Forward Refresh Save Help Ping.. Device Inf Interface Status Traceroute... IP Address/Mask Interface General File Management. Line Link Ktops 172.16.33.1/16 🖸 up 🔾 up inside Upgrade Software. Host Nam alid 😐 dawn 😑 down outside 40.30.30.30/26 0 Upload ASDM Assistant Guide ... ASA Ver: 0d 0h 2m 47s System Reload... ASDM Ve. le: ASA 5510 Firewall Mode: Routed Context Mode: Single Total Flash: 64 MB Total Memory: 256 MB Select an interface to view input and output Kbps Traffic Status VPN Status WebVPN Tunnels: 0 SVC Tunnels: **KE Tunnels:** 0 0 Connections Per Second Usage System Resources Status CPU CPU Usage (percent) 02:41:07 50UDP: 0 TCP: 0 Total: 0 02:42:07 'outside' Interface Traffic Usage (Kbps) Memory Usage (MB) Memory Interface is down 1 Input Klops: 📕 Output Klops:
- 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.

Home	Configuration Monitoring	Back Forward Packet	∛ @ Tracer Refresh	Save Help			CISCO SYS
evice Inform	nation		-Interface Status				
General Lice	nee		Interface	IP Address/Mask	Line	Link	Hops
Host Name	ASA5510.default.doma	in.invalid	inside	172.16.33.1/16	😧 սր	🖸 up	1
ASDM Vers Firewal Mo	Upload a file from local com	puter to flash file system on the dev	ice. The upload process mi	ight take a few minutes.			
Total Flash:	Preuse war for the operation	n to finish.					
Total Flash: /PH Status KE Tunnels:	Image to upload:	ASA		<u> </u>			
Totel Flash: /PH Status KE Tunnels: System Res CPU	Image to upload:	ASA Application Profile Customizatio ASA ASDM Client Secure Desktop (CSD) SSL VPN Client (SVC)	n Framework (APCF)	Browse Local F	iles		
Total Flash: /PH Status KE Tunnels: System Res CPU 0% 0% 0% 0%	Image to upload: Local File Path: Flash File System Path:	ASA Application Profile Customizatio ASA ASDM Client Secure Desktop (CSD) SSL VPN Client (SVC) Flash filename	n Framewark (APCF)	Browse Local F	iles		

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.

image to upload:	ASA		T	ink
				p
Local File Path:	C:/Documents and Set	tings\Administrator\Desktop\Prabu\Pl	K Browse Local Fi	les
Flash File System Path:	Flash filename		Browse Flash	
tis Bro	owse Flash Dialog			
fer Bro	owse Flash Dialog			
fi Br	owse Flash Dialog Folders	Files		
gi Br	owse Flash Dialog Folders	Files	Size (bytes)	Date Modified
gi Br	owse Flash Dialog Folders	Files	Size (bytes) 6,002,680	Date Modified
ge Br	owse Flash Dialog Folders	Files FileName asdm-52034.bin asa722-k8.bin	Size (bytes) 6,002,680 8,312,832	Date Modified 12/21/06 03:58:30 12/07/06 06:08:02
ge Br	owse Flash Dialog Folders	Files FileName > asdm-52034.bin asa722-k8.bin asa721-24-k8.bin	Size (bytes) 6,002,680 8,312,832 8,294,400	Date Modified 12/21/06 03:58:30 12/07/06 06:08:02 12/07/06 05:47:20
ge Br	Folders	Files FileName ≥ asdm-52034.bin asa722-k6.bin asa721-24-k6.bin asa721-24-k6.bin asdm-521.bin	Size (bytes) 6,002,680 8,312,832 8,294,400 5,539,756	Date Modified 12/21/06 03:58:30 12/07/06 06:08:02 12/07/06 05:47:20 02/12/07 00:14:18
Er (owse Flash Dialog Folders	Files FileName > asdm-52034.bin asa722-k8.bin asa721-24-k8.bin asdm-521.bin asdm-522.bin	Size (bytes) 6,002,680 8,312,832 8,294,400 5,539,756 5,623,108	Date Modified 12/21/06 03:58:30 12/07/06 06:08:02 12/07/06 05:47:20 02/12/07 00:14:18 02/12/07 00:23:48
Er (owse Flash Dialog Folders	Files FileName > asdm-52034.bin asa722-k8.bin asa721-24-k8.bin asdm-521.bin asdm-522.bin asa702-k8.bin	Size (bytes) 6,002,680 8,312,832 8,294,400 5,539,756 5,623,108 5,124,096	Date Modified 12/21/06 03:58:30 12/07/06 06:08:02 12/07/06 05:47:20 02/12/07 00:14:18 02/12/07 00:23:48 01/01/03 00:06:22
	owse Flash Dialog Folders	Files FileName > asdm-52034.bin asa722-k8.bin asa721-24-k8.bin asdm-521.bin asa702-k8.bin pix712.bin	Size (bytes) 6,002,680 8,312,832 8,294,400 5,539,756 5,623,108 5,124,096 6,764,544	Date Modified 12/21/06 03:58:30 12/07/06 06:08:02 12/07/06 05:47:20 02/12/07 00:14:18 02/12/07 00:23:48 01/01/03 00:06:22 12/07/06 05:34:50

5. Once both the local and remote file names are specified, click **Upload Image**.

mage to upload:	ASA	
Local File Path:	C:VDocuments and Settings\Administrator\Desktop\Prabu\PIX	Browse Local Files
Flach File System Dath	disk0./bix722.bin	Browse Flash
addrine oyacon roan.		<u></u>
	Upload image	

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

nage to upload:	ASA		*
ocal File Path: 🚺	tatus		se Local Files
lash File System P¢	Please wait while ASDM is may take few minutes.	uploading the file. Upload pro	ocess pwse Flash

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

mage to upload:	ASA	
.ocal File Path:	C:\Documents and Settings\Administrator\Desktop\Prabu\PIX	Browse Local Files
	information	1
lash File System Path:	ASA image is uploaded to flash successfully.	Browse Flash
	OK	

- 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.

Configuration > Properties > Device	e Administration > Boot Im	hade/Configuration	
	of Image/Coofiguration	agerooning and ton	
Stantup Wizard	Son magazon mga anon		
AAA Setup	Boot Configuration		
Anti-Spooting	Configure boot images	from an external TFTP server and flash file system. Up to fou	r images can be configured
C ARP	for the boot system. O	nly one TFTP boot image can be configured. The TFTP boot im	age, if configured, must be
Auto Upcate	the first image in the lis	t.	
Client Update			
Certificate	Boot Order	Boot Image Location	ter ter ter
Device Access	1 disk0	: (aca721,24,48 bin	Add
E-SP Device Administration	UISKU	705072172440.001	[]
- Banner	1		Edit
Boot Image/Config	2		(<u></u>)
CLI Prompt			Delete
- Occk			Delete
			- Move Up
FTP Mode			Mave Down
ICMP Rules			
- 🧐 Management Acc			
O NTP	Dest Courte Co. Detter		
- Password	Boot Config File Path:		Browse Flash
- 💦 Secure Copy			
SMTP	- A CDM Income Comformation		
SNMP	ASUM image Configuration		
TFTP Server	ASDM Image File Path	disk0:/asdm-521.bin	Browse Flash

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

Browse Flash Dialog			×	1
Folders	Files			Add
👘 🗕 🥏 disk0:	FileName >	Size (bytes)	Date Modified	
	asdm-52034.bin	6,002,680	12/21/06 03:58:30	EOR
	asa722-k8.bin	8,312,832	12/07/06 06:08:02	Datata
	asa721-24-k8.bin	8,294,400	12/07/06 05:47:20	Delete
121	asdm-521.bin	5,539,756	02/12/07 00:14:18	
	asdm-522.bin	5,623,108	02/12/07 00:23:48	Move up
	asa702-k8.bin	5,124,096	01/01/03 00:06:22	Move Dow
				Browse Fla
	asa722.bin			1 1 1 1 1 1

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

🔂 Cisco ASDM 5.2 for ASA - 172.16.33.1			
File Options Tools Wizards Help			
Refresh ASDM with the Running Configuration on the Device Reset Device to the Factory Default Configuration	D	Recket Tracer	Refre
Show Running Configuration in New Window	ictration > Poot Image(Confid		
Save Running Configuration to Flash	/Configuration		
Save Running Configuration to TFTP Server Save Running Configuration to Standby Unit Save Internal Log Buffer to Flash Print	onfigurati hfigure b the boot first ima	ion loot images from ar t system. Only one lige in the list.	n externa TFTP bo
Clear Asbiw Cache Clear Internal Log Buffer	oot Orde	er	
Exit	1	disk0:/pix722	2.bin
VPN	_		

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

Cisco ASDM	5.2 for ASA - 172.16.33.	1					
e Options T	fools Wizards Help					Se	arch
Since Home	Command Line Interface. Packet Tracer Pice		Forward	Racket Tracer	Refresh	Save Help	
-Device Inf	Traceroute	-			Interface Statu	9	
General	File Management				interface	IP Address/Mask	Line
Host Nam	Upgrade Software	alid			inside	172.16.33.1/16	🖸 up
ASA Ver	Upload ASDM Assistant (Guide me	0d 0h 58m 2	-us	outside	40.30.30.30/26	😑 dow
ASDM Ve	System Reload	e:	ASA 5510				
Firewal Mo	de: Routed	Context Mode:	Single				
Total Flash:	64 MB	Total Memory:	256 MB		Select an interfa	ace to view input and out;	out Klops
KE Turnels:	0 WebVPN sources Status CPU Usage (percent)	Tunnels: O	SVC Tunne	is: O		er Second Usage	
0%	50				0 00:41:21	00:43:01	Tot
00:40:11	00:41:21 00:4	\$3.01	00:44:41	00:46:01	outside' Interfa	oe Traffio Usage (Kbps)	
Memory	Memory Usage (MB)				2		
60M9	258 128				1 0	Interfa	oe is down
00:48-11	0+		20-44-44	00,48,04	logut Klaps:	— Out	and Manage

- 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.
 - **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 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**.

Reload Scheduling		
Configuration State:		
Save the running cont	liguration at time of reload	
C Reload without saving	the running configuration	
Reload Start Time:		
Now		
C Delay by:	hih : mm or mmm	
C Schedule at:	hh:mm February 💌 12 💌 2007 💌	
Reload Message:		
On reload failure, force an	immediate reload after: hh : mm or mmm	
	Schedule Reload	
Reload Status		
No reload is scheduled.		

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.

🔂 Reload Status	×
ryounicoulori (2/12/01-1.01.20119). ***	
*** START GRACEFUL SHUTDOWN	
Notification (2/12/07 1:31:26 PM):	
*** SHUTDOWN NOW	
Notification (2/12/07 1:31:27 PM):	
*** SHUTDOWN NOW	
Notification (2/12/07 1:31:27 PM): *** *** SHUTDOWN NOW	-
Don't show this dialog again. To view reload status in the future, go to Tools > System Reload and click the Details button.	_
Refresh Force Immediate Reload Exit ASDM	

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.

Cisco ASDM 5.2 for ASA - 172,16.33.1				8. 8 8 - 1		
le Options Tools Wizards Help			Sea	rch		Find
Command Line Interface Home Packet Tracer	ck Forward Packet Tracer	Refresh	Save Help			Cisco System
Device Inf Traceroute		-Interface Status	-			
General File Management		Interface	P Address/Mask	Line	Link	Klops
Host Nam Upgrade Software	alid	inside	172.16.33.1/16	😜 up	🖸 up	1
ASA Ver: Upload ASDM Assistant Guide	me: 0d 0h 30m 10s	outside	40.30.30.30/26	😐 down	😑 down	0
System Reload	- 404 //40					
-VPN Status IKE Tunnels: 0 WebYPN Tunnels: -System Resources Status -CPUCPU Usage (percent)	0 SVC Tunnels: 0	Connections Po	er Second Usage			
2% 60		0 00:15:51	TCP: 0	Total:	0	
00:10:01 00:18:51		-'outside' interfa-	oe Traffio Usage (Kbps)			
Memory Usage (MB)		1 0 Injout Kbps:	interfac	ut Klops:		

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

ø	isco ASDM	5.2 for ASA - 1	72.16.33.1							8
File	Options T	ools Wizards	Help						Searc	ch:
	💰 Home	ංදීය Configuration	[2] Monitoring	Back	O Forward	्र् Packet Tracer	Refresh	G Save	? Help	
ſ	Device Infor	mation					Interface Status	9		
	General Lie	ense					Interface	IP Addre	ess/Mask	Line
	Host Name:	ASA551	0.default.dom	ain.invalid			inside	172.16.33.1	1/16	Oup
	ASA Versic	Margaret - c	- 0				outside	40.30.30.30	0/26	😑 down
	ASDM Vers	topgrade s	ortware							
	Firewall Mo	Upload a fil Please wai	e from local co t for the operat	mputer to flash ion to finish.	h file system or	n the device. Th	e upload process n	night take a fev	w minutes.	
	VPII Status IKE Tunnels:	Image to up	oload:	Applicat	tion Profile Cus	tomization Fram	ework (APCF)	¥		
[System Res			Applicat ASA	tion Profile Cus	tomization Fram	ework (APCF)			
	CPO	Local File P	Path:	ASDM	serve Deelder	(020)		Bro	wse Local File	as
	0%			SSL VP	N Client (SVC)	((30)				
	00:19:21	Flash File S	System Path:	Flash fil	ename			E	Browse Flash.	
	Memory 601/B					Upload Image				

- 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.

mage to upload:	ASDM	2	-	_
.ocal File Path:	C:/Documents and S	tings\Administrator\Desktop\Prabu\PIX	Browse Local Files	
	🚰 Browse Flash [log		
Flash File System Path:	Iders	Files		
	🤝 disk0:	FileName A	Size (bytes)	Date Modified
		asdm-52034.bin	6,002,680	12/21/06 03
		asa722-k8.bin	8,312,832	12/07/06 06
		asa721-24-k8.bin	8,294,400	12/07/06 05
		asdm-521.bin	5,539,756	02/12/07 00
		asa702-k8.bin	5,124,096	01/01/03 00
MSDW TOQUER		asa702-k8.bin	5,124,096	01/01/03

5. Once both the local and remote file names are specified, click **Upload Image**.

mage to upload:	ASDM]	
.ocal File Path:	C:\Documents and Settings\Administrator\Desktop\Prabu\PIX	Browse Local Files	
Flash File System Path:	disk0:/asdm-522.bin	Browse Flash	

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

image to upload:	ASDM]
Local File Path:	C.'Documents and Settings\Administrator\Desktop\Prabu\PIX	Browse Local Files
Flash File System Path	disk0:/esdm-522.bin	Browse Flash
	Please wait while ASDM is uploading the file. Uploading the file.	d process

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

few minutes.
wse Local Files
Browse Flash
-

- 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.

	FileName 🔺	Size (bytes)	Date Modified
	asdm-52034.bin	6,002,680	12/21/06 03:58:30
	asa722-k8.bin	8,312,832	12/07/06 06:08:02
	asa721-24-k8.bin	8,294,400	12/07/06 05:47:20
	asdm-521.bin	5,539,756	02/12/07 00:14:18
	asdm-522.bin	5,623,108	02/12/07 00:23:48
	asa702-k8.bin	5,124,096	01/01/03 00:06:22
File Name:	asdm-522.0in		

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

🚰 Cisco ASDM 5.2 for ASA - 172.16.33.1			
File Options Tools Wizards Help			
Refresh ASDM with the Running Configuration on the Device Reset Device to the Factory Default Configuration	ward Pa	cket Tracer Refre	
Show Running Configuration in New Window	istration > Boot Image/Configuration /Configuration onfiguration figure boot images from an externa the boot system. Only one TFTP bo first image in the list.		
Save Running Configuration to Flash			
Save Running Configuration to TFTP Server Save Running Configuration to Standby Unit Save Internal Log Buffer to Flash Print Clear ASDM Cache			
Clear Internal Log Buffer	loot Order		
Exit	1	disk0:/pix722.bin	
VPN	1		

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

Cisco ASDM	1 5.2 for ASA - 172.16.33.1					
ile Options	Tools Wizards Help				Sec	arch:
d Home	Command Line Interface Packet Tracer Pice	RCK	Forward Packet Trace	r Refresh	Save Help	
Device Inf	Traceroute			Interface Statu	•	
General	File Management	_		Interface	P Address/Mask	Line
Host Nam	Upgrade Software	alid		inside	172.16.33.1/16	🖸 up
ASA Ver:	Upload ASDM Assistant Guide	me:	0d 0h 58m 20s	outside	40.30.30.30/26	😐 down
ASDM Ve	System Reload	~	ASA 5518			
Firewall M	lode: Routed Context	Mode:	Single			
Total Flash	h: 64 MB Total Me	mory:	256 MB	Select an interfe	ace to view input and outp	ut Kbps
VPN Status IKE Tunnels	s: 0 WebVPN Tunnels:	0	SVC Tunnels: 0	Connections P	er Second Usage	
CPU 0% 00:40:11	CPU Usage (percent)		00.44.41 00.48.01	0 00):41:21	00/43.01 TCP: 0	o Totai:
Memory 60MB	Memory Usage (MB)			2 1	ce Hamo Usage (Kops)	ce is down.

- 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.
 - **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 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**.

nning configura	ation at time of reload				
out saving the	running configuration				
	hh : mm or mmm				
	hh : mm	February	T 12	▼ 2007	Ŧ
, force an imm	ediate reload after:		hh:mmorn	ımm	
	Scher	ule Reload			
heduled.					
nt:	nout saving the	unning configuration at time of reload hout saving the running configuration the mm or mmm at: hh : mm fre, force an immediate reload after: Scheduled.	hout saving the running configuration hout saving the running configuration the mm or mmm the here, force an immediate reload after:	hout saving the running configuration th: mm or mmm t: hh: mm February 7 12 re, force an immediate reload after: hh: mm or n Schedule Reload tcheduled.	hout saving the running configuration th: mm or mmm t: hh: mm February 7 12 7 2007 re, force an immediate reload after: hh: mm or mmm Schedule Reload tcheduled.

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.

🞼 Reload Status	×
Protinicution (2712701 1.01.201 W).	^
*** START GRACEFUL SHUTDOWN	
Notification (2/12/07 1:31:26 PM):	
*** SHUTDOWN NOW	
Notification (2/12/07 1:31:27 PM).	
*** SHUTDOWN NOW	
Notification (2/12/07 1:31:27 PM):	
	-
Don't show this dialog again. To view reload status in the future, go to Tools > System	
Reload and click the Details button.	
Refresh Force Immediate Reload Exit ASDM	

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.

File View To	ols Wizards Windo	w Help			
Home 4	Command Line Inter	face	Back O Forw	ard 🛛 🛜 Help	
Home	Show Commands Ig	nored by ASDM on Device			
	Packet Tracer				
Dout	Ping			Totorface Etatur	
Devi	Traceroute				
Get	File Management			Interface	
H	Upgrade Software f	rom Local Computer		inside	
AS	Upgrade Software f	rom Cisco.com	m 46s	outside	
A) Fi	System Reload				
To	Administrator's Alert	to Clientless SSL VPN Users			
	Preferences			Select an interface t	
VPN	ASDM Java Console			Traffic Status	
IKE: 0	IPsec: 0	Clientless SSL VPN: 0	SSL VPN Client: 0	-Connections Per	
Eustern	Desources Status				
-CPU	CPULUsage (per	cent)		0	
-CPO	CPO Usage (per	.ent)	_	-	
	10		1	12:08	
0%	5			UDP: 0	

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

Jpload a file from local o	omputer to flash file system on the device. The upload ;	process might take a few
minutes. Please wait for	the operation to finish.	
Image to Upload:	Application Profile Customization Framework (APCF)	1
	Application Profile Customization Framework (APCF)	
Local File Path;	ASA	Browse Local Files
Flash File System Path:	ASDM	Browse Flash
	Client Secure Desktop (CSD)	
	Cisco AnyConnect VPN Client	
Г		- 1

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.

<u> </u>
.bin Browse Local Files
Browse Flash

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

📑 Upgrade Software			×
Upload a file 🚺 Status minutes. Ple		e a few	
Image to Up	Please wait while ASDM is uploading the file. The upload process may take a few minutes.	al Files	
Flash File Sy		ash	
L			

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**.

🚰 Upgrade So	oftware	×
🚺 ASA		×
4	Image has been uploaded to flash successfully. Do you want to set this image as the boot image?	
1	Vpioad Image Close Help	

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.

File	View T	ools Wizards Window	w Help		
	Home	Command Line Inter Show Commands Igr	face nored by ASDM on Device	Back O Forw	ard ? Help
Device List	Devi	Packet Tracer Ping Traceroute			Interface Stat
	H	File Management Upgrade Software fr Upgrade Software fr	rom Local Computer rom Cisco.com	m 56s	DMZ inside outside
	Fit	System Reload			
	To	Administrator's Alert	to Clientless SSL VPN Users		
		Preferences			Select an interfa
	VPN	ASDM Java Console			Traffic Status
	IKE: 0	IPsec: 0	Clientless SSL VPN: 0	SSL VPN Client: 0	-Connections

- 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**.

Reload Scheduling		
Configuration States		
Configuration State:		
te pave the running contri	puration ac time of reloag	
C Reload without saving	the running configuration	
Reload Start Time:		
Now		
C Delay by:	hh : mm or mmm	
← Schedule at:	hh : mm January 💌	4 💌 2008 💌
Reload Message:		
Con reload failure, force an	immediate reload after: hb :	mm or mmm
	Schedule Reload	
Reload Status		
No reload is scheduled.		
	Cancel Reload Refresh Detai	s

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.

Notification (1/4/08 1:07:35 PM): - ***		-
*** SHUTDOWN NOW		
Notification (1/4/08 1:07:35 PM):		
*** SHUTDOWN NOW		
Notification (1/4/08 1:07:35 PM):		
*** SHUTDOWN NOW		
Notification (1/4/08 1:07:35 PM):		
*** SHUTDOWN NOW		-
Don't show this dialog again. T	o view reload status in the future	e, go to Tools > System
Reibau and click the Decails bu		

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.

File View To	ols Wizards Windo	w Help		
Home 4	Command Line Inter	face	Back O Forw	ard 🛛 🛜 Help
Home	Show Commands Ig	nored by ASDM on Device		
	Packet Tracer			
Dout	Ping			Totorface Etatur
Devi	Traceroute			Interface Status
Get	File Management			Interface
H	Upgrade Software f	rom Local Computer		inside
AS	Upgrade Software f	rom Cisco.com	m 46s	outside
A) Fi	System Reload			
To	Administrator's Alert	to Clientless SSL VPN Users		
	Preferences			Select an interface t
VPN	ASDM Java Console			Traffic Status
IKE: 0	IPsec: 0	Clientless SSL VPN: 0	SSL VPN Client: 0	-Connections Per
Eustern	Desources Status			
-CPU		cent)		0
-CPO	CPO Usage (per	.ent)	_	-
	10		1	12:08
0%	5			UDP: 0

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

Upload a file from local o	computer to flash file system on the device. The upload p	rocess might take a few
minutes. Please wait for	the operation to finish.	
Image to Upload:	Application Profile Customization Framework (APCF)	
Local File Dathy	Application Profile Customization Framework (APCF)	Browso Losal Filos
Lucal File Facili	ASA	Drowse Local Files
Flash File System Path:	ASDM	Browse Flash
	Client Secure Desktop (CSD)	
	Cisco AnyConnect VPN Client	
r		· · · ·

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.

ninutes. Please wait f	or the operation to finish.	process might take a rew
mage to Upload:	ASDM	3
ocal File Path:	C:\Program Files\Tftpd32\asdm-603.bin	Browse Local Files
lash File System Path	: disk0:/asdm-603.bin	Browse Flash
	Upload Image Close Help	

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

📬 Upgrade Software		×
Upload a file 🚺 Status minutes. Ple		e a few
Image to Up Local File Pa Flash File St	Please wait while ASDM is uploading the file. The upload process may take a few minutes.	al Files ash
L]

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.

Cisco ASDM 6.0 for ASA - 10.77.241.142	
File View Tools Wizards Window Help	
Home & Configuration 2 Monitoring Save Refresh & Back S Fo Save Running Configuration to Flash	rward 🦻 Help
Home	
8 Device Dashboard	
Device Information	Interface Status
General License	Interface
	DMZ
Host Name: LiscoASA.cisco.com	inside

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



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

ile	View Tools Wizards Window Help			
	Refresh ASDM with the Running Configuration on the Device Reset Device to the Factory Default Configuration	E2	Back O Forwa	ard ? Help
	Show Running Configuration in New Window		-	
	Save Running Configuration to Flash			Interface Stat
	Save Running Configuration to TFTP Server			Interface
	Save Running Configuration to Standby Unit			DMZ
	Save Internal Log Buffer to Flash			inside
	Print	⊆trl+P	n 7s	outside
	Clear ASDM Cache			
	Clear Internal Log Buffer			
	Exit	Alt+F4	-	Select an interfa
	VPN Tunnels			Traffic Status
	IKE: 0 IPsec: 0 Clientless SSL VPN: 0	SSL	VPN Client: 0	-Connections

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

Exit ASD	M
?	Are you sure you want to exit Cisco ASDM? Click Yes to exit ASDM or No to continue using ASDM. I Always display this dialog before exiting from ASDM.
	Yes No

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

Refer to this video for more information: <u>How to upgrade the software image on a Cisco</u> <u>Adaptive Security Appliance(ASA) using Cisco Adaptive Security Device Manager (ASDM)</u>