

Advanced Windows SIG

December 20, 2001

Startup Disks

1. Win 98/Me

Name	Size	Type	Date Modified	Attribu...	Owner
ASPI2DOS.SYS	35 KB	System file	6/8/2000 5:00 PM	A	Everyone
ASPI4DOS.SYS	15 KB	System file	6/8/2000 5:00 PM	A	Everyone
ASPI8DOS.SYS	37 KB	System file	6/8/2000 5:00 PM	A	Everyone
ASPI8U2.SYS	44 KB	System file	6/8/2000 5:00 PM	A	Everyone
ASPICD.SYS	29 KB	System file	12/16/2001 2:10 PM	A	Everyone
AUTOEXEC.BAT	2 KB	MS-DOS Batch File	12/16/2001 2:10 PM	HSA	Everyone
BTCDFROM.SYS	22 KB	System file	12/16/2001 2:10 PM	A	Everyone
BTDOSM.SYS	31 KB	System file	12/16/2001 2:10 PM	A	Everyone
CHECKSR.BAT	1 KB	MS-DOS Batch File	6/8/2000 5:00 PM	A	Everyone
COMMAND.COM	91 KB	MS-DOS Application	6/8/2000 5:00 PM	HSA	Everyone
CONFIG.SYS	1 KB	System file	12/16/2001 2:10 PM	HSA	Everyone
EBD.CAB	259 KB	Cabinet File	6/8/2000 5:00 PM	A	Everyone
EBD.SYS	0 KB	System file	12/16/2001 2:14 PM	RHSA	Everyone
EBDUNDO.EXE	30 KB	Application	12/16/2001 2:10 PM	A	Everyone
EXTRACT.EXE	53 KB	Application	12/16/2001 2:10 PM	A	Everyone
FDISK.EXE	65 KB	Application	12/16/2001 2:10 PM	A	Everyone
FINDRAMD.EXE	7 KB	Application	12/16/2001 2:10 PM	A	Everyone
FIXIT.BAT	2 KB	MS-DOS Batch File	12/16/2001 2:10 PM	A	Everyone
FLASHPT.SYS	63 KB	System file	6/8/2000 5:00 PM	A	Everyone
HIBINV.EXE	4 KB	Application	12/16/2001 2:10 PM	A	Everyone
HIMEM.SYS	33 KB	System file	12/16/2001 2:10 PM	A	Everyone
IO.SYS	114 KB	System file	12/16/2001 2:10 PM	RHSA	Everyone
MSDOS.SYS	1 KB	System file	12/16/2001 2:14 PM	RHSA	Everyone
OAKCDFROM.SYS	41 KB	System file	6/8/2000 5:00 PM	A	Everyone
RAMDRIVE.SYS	13 KB	System file	12/16/2001 2:10 PM	A	Everyone
README.TXT	13 KB	Text Document	12/16/2001 2:10 PM	A	Everyone
SETRAMD.BAT	2 KB	MS-DOS Batch File	12/16/2001 2:10 PM	A	Everyone

Create from Start → Settings → Control Panel →

Add/Remove Programs → Startup Disk

Primary use for simple trouble shooting and to install or reinstall Windows from the original CD. Creates a RAM disk.

2. Win XP

Name ▲	Size	Type	Date Modified	Attribu...	Owner
AUTOEXEC.BAT	0 KB	MS-DOS Batch File	12/16/2001 3:32 PM	HSA	Everyone
COMMAND.COM	91 KB	MS-DOS Application	6/8/2000 5:00 PM	HSA	Everyone
CONFIG.SYS	0 KB	System file	12/16/2001 3:32 PM	HSA	Everyone
DISPLAY.SYS	17 KB	System file	6/8/2000 5:00 PM	A	Everyone
EGA2.CPI	58 KB	CPI File	6/8/2000 5:00 PM	A	Everyone
EGA3.CPI	58 KB	CPI File	6/8/2000 5:00 PM	A	Everyone
EGA.CPI	58 KB	CPI File	6/8/2000 5:00 PM	A	Everyone
IO.SYS	114 KB	System file	5/15/2001 6:57 PM	RHSA	Everyone
KEYB.COM	22 KB	MS-DOS Application	6/8/2000 5:00 PM	A	Everyone
KEYBOARD.SYS	34 KB	System file	6/8/2000 5:00 PM	A	Everyone
KEYBRD2.SYS	32 KB	System file	6/8/2000 5:00 PM	A	Everyone
KEYBRD3.SYS	31 KB	System file	6/8/2000 5:00 PM	A	Everyone
KEYBRD4.SYS	13 KB	System file	6/8/2000 5:00 PM	A	Everyone
MODE.COM	29 KB	MS-DOS Application	6/8/2000 5:00 PM	A	Everyone
MSDOS.SYS	1 KB	System file	4/7/2001 1:40 PM	RHSA	Everyone

Create from Start → My Computer → Rt. Click A:
drive → Format → Create an MS-DOS startup disk

Nice, but not very helpful.

3. Win XP Setup boot floppy disks.

- 6 floppies
- Download from Microsoft (see MS Knowledge Base Q310994)

Can run Setup on computers that do not support a bootable CD-ROM.

More capability to recover/repair damages Win XP system.

4. Boot from Win XP CD ROM to Recovery Console

- Insert Windows CD and restart computer. (May need to adjust BIOS)
- At the Welcome to Setup screen press R.
- At Administrator password, press Enter.
- At the command prompt type *help* to see the commands available. Type *commandname /?* To learn syntax.
- To quit the Recovery Console and restart the computer, use the *Exit* command.

5. Using the Recovery Console.

- A stripped-down command-line environment that provides a limited set of tools to diagnose and repair problems.
- Use to copy, rename, or replace Windows system files and folders.
- Enable or disable services or devices (effective next start up).
- Repair file system boot sector or MBR.
- Rebuild or repair the Windows boot menu.
- Create and format drives.
- Can add Recovery Console to boot menu.

Reference: Microsoft Windows XP Inside Out Pages 809-813 and page 77.

New Subject: What happened to ScanDisk?

1. There is no ScanDisk program in Win XP.
2. The Check Disk utility runs automatically after and illegal shutdown only if a specific bit in the registry is set, indicating that the file system is "dirty".
 - NTFS volumes keep a journal, and usually remain clean.
 - FAT32 usually do not remain clean if shutdown unexpectedly, so Check Disk will run at startup.
3. There are 2 ways to run Check Disk:
 - a. Go to Start → My Computer → Rt. Click drive to check → choose Properties → Tools
 - b. Command-line version has more options. Go to Start → Run → type *cmd* → at the command prompt type *chkdsk*
 - To get a list of the switches, type *chkdsk /?*
 - Note that some of the switches are valid for NTFS only.
 - c. If you select Automatically fix, and files are open, chkdsk will show an error message and then run at next startup.