

- **PXE → Preboot Execution Environment**
 - Boot over network (OS is in a server, not on to the local machine)
- **Upgrade Advisor** - Utility use to determine if the hardware and software will work with a new version of Windows
- **RIS → Remote Installation Services**
 - Implemented with Windows 2000
 - Replaced by **WDS (Windows Deployment Services)** in Windows Server 2008
- **Setup Manager (XP and Lower)**
 - Lets you automate the installation
- **Automated Installation Kit (AIK)**
 - Windows Vista and 7
- **Disk Cloning**
 - Exact copy of drive
- **Sysprep**
 - Sanitizes many settings
- **File and Settings Transfer Wizard (FSTW)**
 - Windows XP
 - Transfers ONLY data
- **USMT → User State Migration Tool**
 - Similar to FSTW
 - Requires Windows domain
- **Troubleshooting Installation :**
 - **RAID array not detected**
 - Drivers
 - press F6 when prompted in installation
 - **No boot device present when booting off the startup disk**
 - Replace it
 - Set CMOS to boot off CD
 - **Windows Setup requires xxxx amount of drive space**
 - Verify C: is formatted and accessible
 - Verify enough space
 - **Not ready error on optical drive**
 - May be able to wait for drive to catch up : press R
 - May need new disk or faster drive
 - **A stop error (Blue Screen of Death) after reboot at the end of text mode**
 - Usually points to hardware incompatibility
 - **Hardware detection errors**
 - Can be hardware incompatibility
 - If noncritical, find and install drivers
 - **Can't read CAB files**
 - Check CD-ROM for scratches
 - Try copying i386 files on HDD
 - Replace optical disc

- **Lockups**
 - **Unplug it**
 - Unplug and restart
 - Will start where it left off
 - **Optical drive , hard drive**
 - Try a different one
 - **Log files --**
 - setuplog.txt → errors
 - setapi.log → not very useful
 - setuperr.log → Errors on Windows 7 installation
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References :

- Mike Meyers - CompTIA A+ Certification All-In-One Exam Guide 8th edition