Winnt32

Performs an installation of or upgrade to Windows XP. You can run **winnt32** at the command prompt on a computer running Windows 95, Windows 98, Windows Me, Windows NT, Windows 2000, or Windows XP.

Syntax

winnt32 [/**checkupgradeonly**] [/**cmd:**command_line] [/**cmdcons**] [/**copydir:i386**folder_name]
[/**copysource:**folder_name] [/**debug**[level]**:**[filename]] [/**dudisable**] [/**duprepare:**pathname]
[/**dushare:**pathname] [/**m:**folder_name] [/**makelocalsource**] [/**noreboot**] [/**s:**sourcepath]
[/**syspart:**drive_letter] [/**tempdrive:**drive_letter] [/**udf:**id [,UDB_file]] [/**unattend**[num]**:**[answer_file]]

Parameters

/checkupgradeonly

Checks your computer for upgrade compatibility with Windows XP.

If you use this option with **/unattend**, no user input is required. Otherwise, the results are displayed on the screen, and you can save them under the filename you specify. The default filename is Upgrade.txt in the systemroot folder.

/cmd:command_line

Instructs Setup to carry out a specific command before the final phase of Setup. This would occur after your computer has restarted and after Setup has collected the necessary configuration information, but before Setup is complete.

/cmdcons

Installs the Recovery Console as a startup option on a functioning computer. The Recovery Console is a command-line interface from which you can perform tasks such as starting and stopping services and accessing the local drive (including drives formatted with NTFS). You can only use the **/cmdcons** option after normal Setup is finished.

/copydir:i386folder_name

Creates an additional folder within the folder in which the Windows XP files are installed.

Folder_name refers to a folder that you have created to hold modifications just for your site. For example, you could create a folder called Private_drivers within the i386 source folder for your installation, and place driver files in the folder. Then you could type **/copydir:i386\Private_drivers** to have Setup copy that folder to your newly installed computer, making the new folder location systemroot\Private_drivers. You can use **/copydir** to create as many additional folders as you want.

/copysource:folder_name

Creates a temporary additional folder within the folder in which the Windows XP files are installed.

Folder_name refers to a folder that you have created to hold modifications just for your site. For example, you could create a folder called Private_drivers within the source folder for your installation, and place driver files in the folder. Then you could type **/copysource:Private_drivers** to have Setup copy that folder to your newly installed computer and use its files during Setup, making the temporary folder location systemroot\Private_drivers. You can use **/copysource** to create as many additional folders as you want. Unlike the folders **/copydir** creates, **/copysource** folders are deleted after Setup completes.

/debug[level]**:**[filename]

Creates a debug log at the level specified, for example, **/debug4:Debug.log**. The default log file is C:\systemroot\Winnt32.log, and the default debug level is 2. The log levels are as follows: 0 represents severe errors, 1 represents errors, 2 represents warnings, 3 represents information, and 4 represents detailed information for debugging. Each level includes the levels below it.

/dudisable

Prevents Dynamic Update from running. Without Dynamic Update, Setup runs only with the original Setup files. This option will disable Dynamic Update even if you use an answer file and specify Dynamic Update

options in that file.

/duprepare:*pathname*

Carries out preparations on an installation share so that it can be used with Dynamic Update files that you downloaded from the Windows Update Web site. This share can then be used for installing Windows XP for multiple clients.

/dushare:*pathname*

Specifies a share on which you previously downloaded Dynamic Update files (updated files for use with Setup) from the Windows Update Web site, and on which you previously ran **/duprepare:***pathname*. When run on a client, specifies that the client installation will make use of the updated files on the share specified in *pathname*.

/m:*folder_name*

Specifies that Setup copies replacement files from an alternate location. Instructs Setup to look in the alternate location first, and if files are present, to use them instead of the files from the default location.

/makelocalsource

Instructs Setup to copy all installation source files to your local hard disk. Use **/makelocalsource** when installing from a CD to provide installation files when the CD is not available later in the installation.

/noreboot

Instructs Setup to not restart the computer after the file copy phase of Setup is completed so that you can execute another command.

/s:*sourcepath*

Specifies the source location of the Windows XP files. To simultaneously copy files from multiple servers, type the **/s:***sourcepath* option multiple times (up to a maximum of eight). If you type the option multiple times, the first server specified must be available, or Setup will fail.

/syspart:*drive_letter*

Specifies that you can copy Setup startup files to a hard disk, mark the disk as active, and then install the disk into another computer. When you start that computer, it automatically starts with the next phase of Setup. You must always use the **/tempdrive** parameter with the **/syspart** parameter.

You can start **Winnt32** with the **/syspart** option on a computer running Windows NT 4.0, Windows 2000, or Windows XP. The computer cannot be running Windows 95, Windows 98, or Windows Me.

/tempdrive:*drive_letter*

Directs Setup to place temporary files on the specified partition. For a new installation, Windows XP will also be installed on the specified partition. For an upgrade, the **/tempdrive** option affects the placement of temporary files only; the operating system will be upgraded in the partition from which you run **winnt32**.

/udf:*id* [**,***UDB_file*]

Indicates an identifier (*id*) that Setup uses to specify how a Uniqueness Database (UDB) file modifies an answer file (see the **/unattend** entry).

The UDB overrides values in the answer file, and the identifier determines which values in the UDB file are used. For example, **/udf:RAS_user,Our_company.udb** overrides settings specified for the RAS_user identifier in the Our_company.udb file. If no *UDB_file* is specified, Setup prompts the user to insert a disk that contains the $Unique$.udb file.

/unattend

Upgrades your previous version of Windows 98, Windows Me, Windows NT 4.0, or Windows 2000 in unattended Setup mode. All user settings are taken from the previous installation, so no user intervention is required during Setup.

/unattend[*num*]**:**[*answer_file*]

Performs a fresh installation in unattended Setup mode. The specified *answer_file* provides Setup with

your custom specifications.

Num is the number of seconds between the time that Setup finishes copying the files and when it restarts your computer. You can use *num* on any computer running Windows 98, Windows Me, Windows NT, Windows 2000, or Windows XP.

Using the **/unattend** command-line option to automate Setup affirms that you have read and accepted the Microsoft License Agreement for Windows XP. Before using this command-line option to install Windows XP on behalf of an organization other than your own, you must confirm that the end user (whether an individual, or a single entity) has received, read, and accepted the terms of the Microsoft License Agreement for Windows XP. OEMs may not specify this key on machines being sold to end users.