

Installation Guide

XenData6 Server Software on 2008 R2

6.01P3 Release

Updated: January 5, 2015

Operating System Requirements

XenData6 Server version 6.01P3 is released for use with Windows Server 2008 R2, Standard and Enterprise Editions

File Server Preparation

Before installing XenData6 Server software, prepare the server as follows:

1. Install Service Pack 1 and the latest updates. (Note that in XenData version 5 software IIS was required. However, IIS is not required for XenData6 Server.)
2. If using a Fibre Channel, SAS or SCSI HBA to connect to tape drives or libraries, ensure that one or more XenData tested and approved cards are installed, together with the latest device drivers. Do not connect RAID or magnetic disk devices to any of the SAS or SCSI channels used to connect to the tape drives or libraries.
3. Ensure that the boot volume is on a disk that is formatted using the NTFS file system.
4. XenData6 Server software requires a dedicated magnetic disk logical drive on the server. Ensure that the drive letter that will be used as the XenData Archive is on a volume that is formatted using NTFS, configured as a 'dynamic disk'. To configure a dynamic disk, do this:
 - ❖ Right-click on '*Computer*' in the Start menu and select '*Manage*'.
 - ❖ Expand '*Storage*' in the left pane.
 - ❖ Click on '*Disk Management*'.
 - ❖ Find the disk that contains the XenData Archive drive letter in the list at the bottom of the right pane.
 - ❖ If the disk is shown as '*Basic*', right-click on it and select '*Upgrade to Dynamic Disk...*'
5. Ensure that the drive letter that will be used as the XenData Archive is empty of all files. If files have been previously written to it, a quick format should be performed.
6. Disable the recycle bin on the drive letter to be used as the XenData Archive.
 - ❖ Right-click on '*Recycle Bin*' and select '*Properties*'.
 - ❖ For the XenData Archive drive letter, select the '*Do not move files to the Recycle Bin. Remove files immediately when deleted*' and click '*OK*'.

XenData Software Installation Procedure for a New Installation

The installation procedure has five steps:

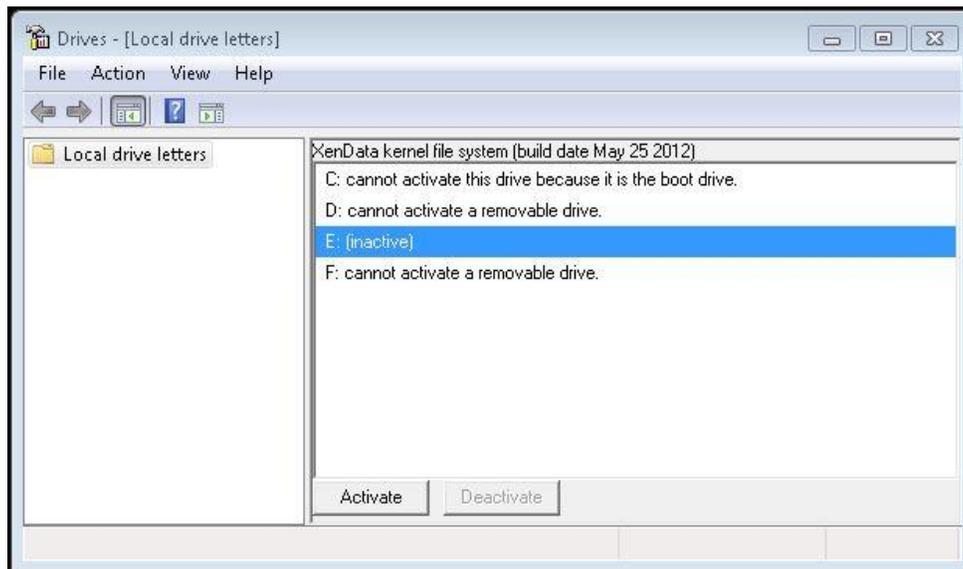
1. Install XenData6 Server software using the setup wizard. During the installation process the drive letter for the XenData Archive is defined.
2. Install device drivers for the tape library and tape drives.
3. Run the XenData License Administration Utility.
4. Run the XenData Hardware Configuration utility.
5. Reboot the server.

You will need a XenData license Activation Code for the last step. Licensing is easier if you have Internet access on the file server that you will be licensing, but the XenData License Administration program provides alternative ways of obtaining a license code if Internet access is not available.

Step 1: Install XenData6 Server Software

Ensure that the tape library and/or drive is powered and connected to the server. Double click XenData setup application file and follow the instructions provided by the setup wizard accepting defaults including 'install' of XenData device drivers.

The following screen will launch during the installation process.



Highlight the drive letter to be used for the XenData Archive by clicking on it in the right pane; click 'activate' and then close the screen by clicking the 'x' in the top right.

After the setup wizard completes successfully, reboot the server.

Step 2: Install Device Drivers

See the hardware specific section of the XenData web site at <http://www.xendata.com/support/> for device driver installation details. Note that it will normally be necessary to install device drivers for any stand-alone tape drives, tape libraries and all drives installed in the libraries.

Step 3: Run License Administration

XenData6 Server software is licensed for a particular type of tape library, including the number of slots in the library and the type of drives. A XenData Activation Code is required to run the software and this enables the chosen tape library / tape drive configuration type.

Open the XenData License Administration utility from the *Start>Programs>XenData* menu. The License Administration detects the unique identity for the machine and prompts you to enter the XenData Activation Code.

When Internet connectivity is available for the server, select 'Internet' as the Activation Option, enter the Activation code in the appropriate box and then select 'OK'. A digitally signed activation file is then automatically generated and transferred to the target server. This completes the licensing process.

If Internet access is not available for the server being licensed but is available on another machine, perform the following steps:

1. Select the 'Generate request for license' option and click *Apply*.
2. The License Administration program prompts you for a file name. Choose a convenient name for the file and click *Save*.
3. Transfer the file that you have just saved to a different machine that has Internet access.
4. Open the file in your Web browser by double clicking on it.
5. Right-click on the link in the file you have just opened and select 'Save target as...' and select a location to save your license file.
6. Copy the saved license file back to the server that is being licensed.
7. In the license administration utility, select the 'Import file' option and click *Apply*.
8. Browse to the saved XML license file and open it.

Alternatively if no Internet access is available, please contact XenData Technical Support with the machine ID. A suitable digitally signed activation file will be returned. Save the activation file, select 'Import File' as the Activation Option and then select 'OK'. Browse to the supplied activation file and click 'OK'. This completes the licensing process.

Step 4: Run the XenData Hardware Configuration Utility

This step is normally only required if one or more stand-alone tape drives are included in the server configuration. If this is not the case, move to step 5.

The XenData Hardware Configuration Utility allows the administrator to control which hardware will be controlled by XenData6 Server software. By default, the system will use all the tape libraries that it detects but will not use stand-alone tape drives.

Use Microsoft Explorer to open <boot drive>\Program Files\XenData\Archive Series\HWConfig.exe. Browse to the device you want to configure; right click on it and select 'Enable' or 'Disable' as appropriate.

Step 5: Reboot the Server

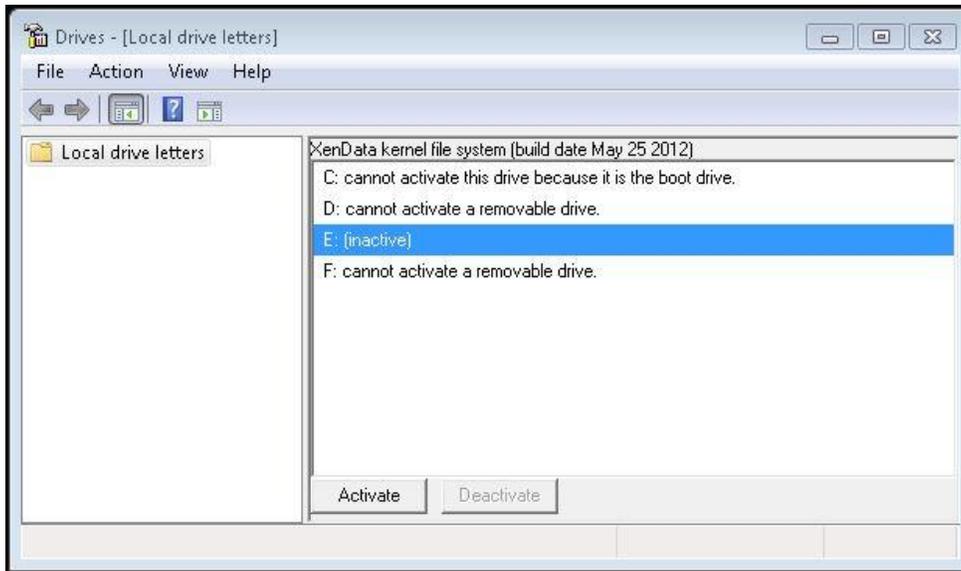
The software is now installed together with the Report Generator and Metadata Backup utility. The system will start after a reboot.

Procedure for Upgrading an Existing Installation (from version 6.01, 6.01P1 or 6.01P2)

XenData software can be upgraded to a new version for installations that had valid software maintenance in place with XenData on the effective release date of the new version.

To upgrade from a previous version of XenData Archive Series, please follow these steps:

1. Un-install the current software using Add/Remove Programs in the Windows Control Panel.
2. Reboot the server.
3. Double click XenData setup application file and follow the instructions provided by the setup wizard accepting defaults. The following screen will launch during the installation process.



Highlight the drive letter to be used for the XenData Archive by clicking on it in the right pane; click 'activate' and then close the screen by clicking the 'x' in the top right.

4. After the setup wizard completes successfully, reboot the server.

System configuration and license information will be maintained from the previous version.

XenData Technical Support

Support is available from XenData at:

Email: support@xendata.com

UK Support: +44 1223 370114

US Support: +1 925 465 4300