

# **K-Backup: Network automatic backup data to free iSCSI SAN**

Monday, November 4, 2013



**KernSafe Technologies, Inc**

[www.kernsafe.com](http://www.kernsafe.com)

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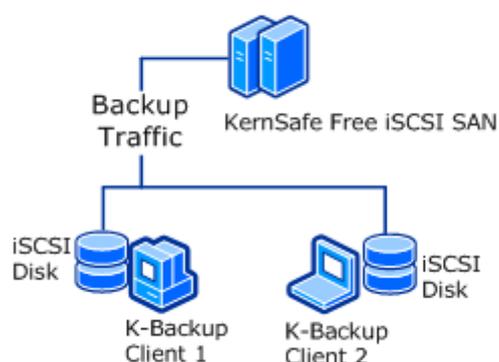
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## Overview

KernSafe K-Backup is an advanced and powerful, full-featured automatic backup software. K-Backup can be scheduled to backup files to destination in minutely, hourly, daily, on specified time etc. Being full-featured backup software, K-Backup is fully compatible with Windows Volume Shadow Copy Service (VSS), but is also provides a system snapshot which allows backup data set consistency if no VSS available.

Using Personal Level to perform local backup, this license of K-Backup allows to backup data to “local” storage, “local” of course includes local hard disk, normally another different from backup source disk and also includes iSCSI Disk and NAS drive, here is the figure for Personal user backup data to KernSafe free iSCSI SAN.



K-Backup is released as a shareware; there is only 20 days trial when you are unregistered user. To get more information about license, please visit:

[www.kernsafe.com](http://www.kernsafe.com) or send an Email to [sales@kernsafe.com](mailto:sales@kernsafe.com).

## Create iSCSI SAN

With the help of KernSafe iStorage Server, user can create free iSCSI SAN.

iStorage Server can be downloaded from:

<http://www.kernsafe.com/download/istorage-server.aspx>

Then user can register iStorage Server as free License.

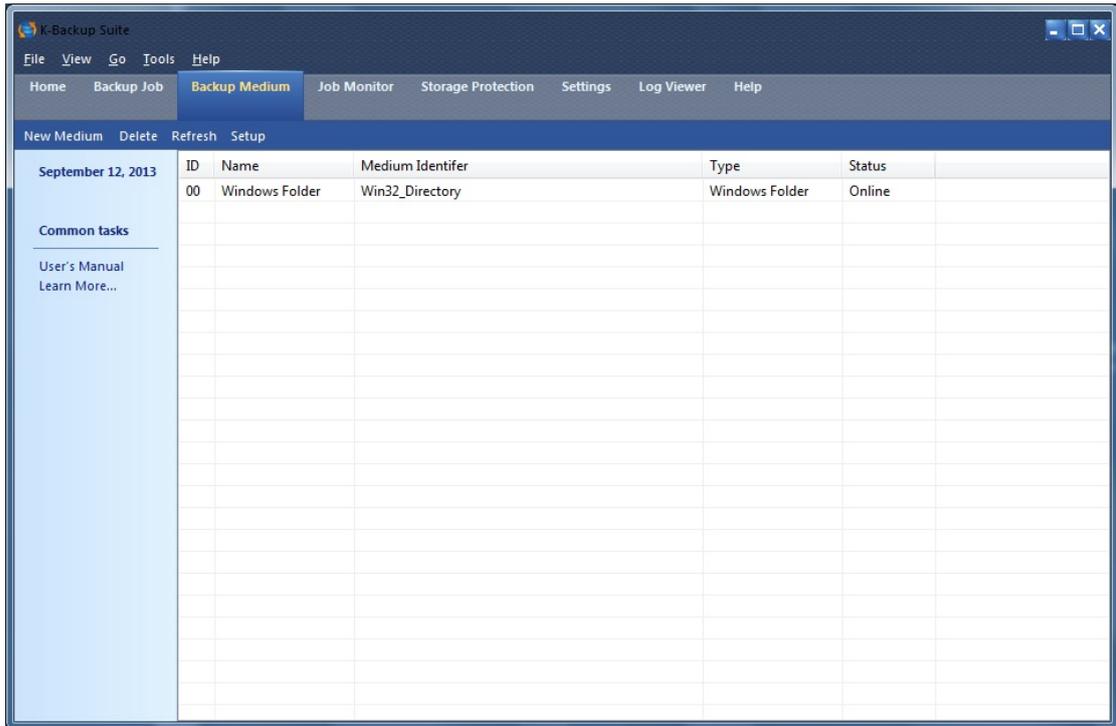
How to create an iSCSI SAN, user can visit:

<http://www.kernsafe.com/tech-articles/istorage-server-quick-start.aspx>

After connecting to the iSCSI disk, user should format and create partition on the iSCSI disk and then you can use it as local hard disk.

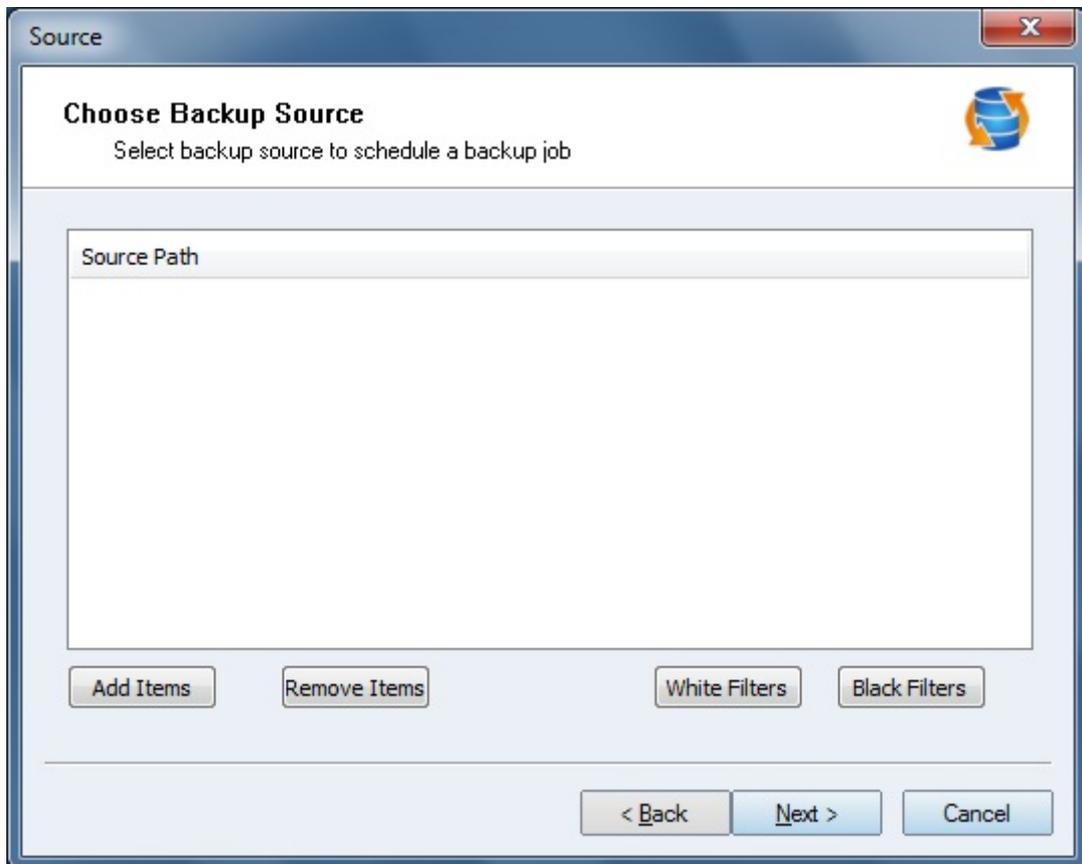
## Backup Job

To be convenient and full-featured software, K-Backup has “**Windows Folder**” medium built in.



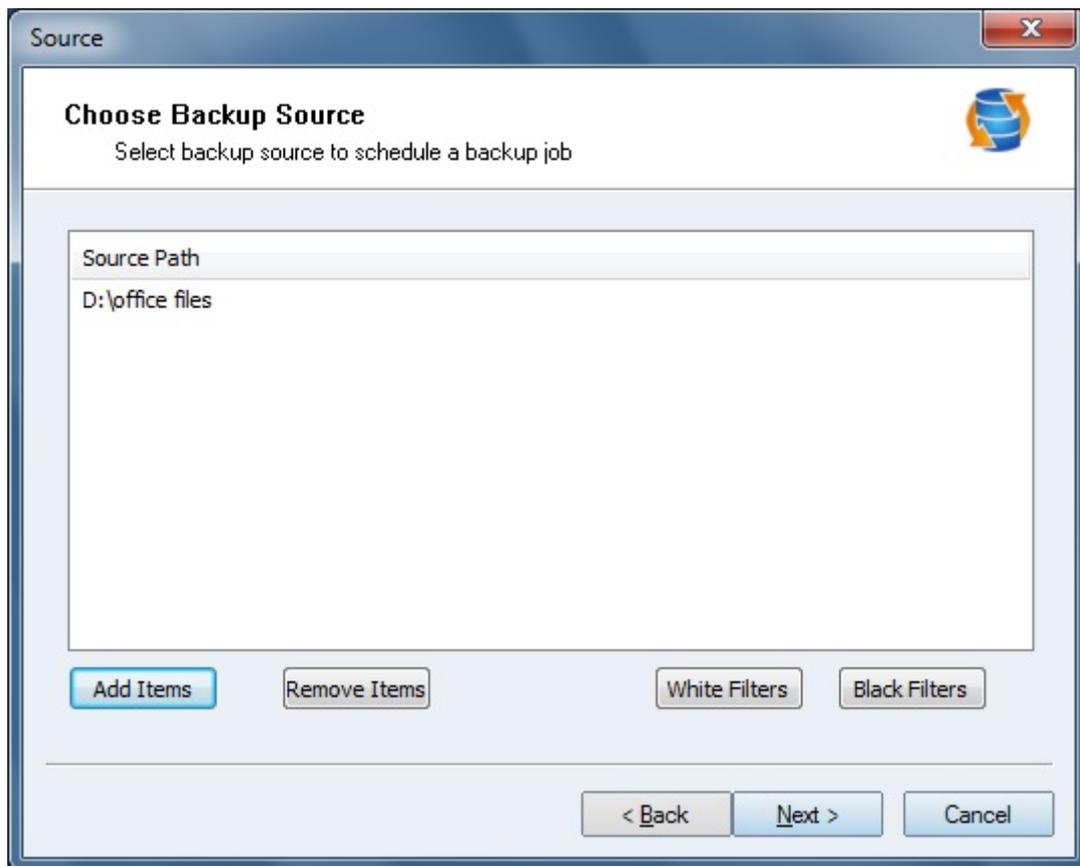
Open **Backup Job** tab, press **New Backup**.

The dialogue will be shown as below.

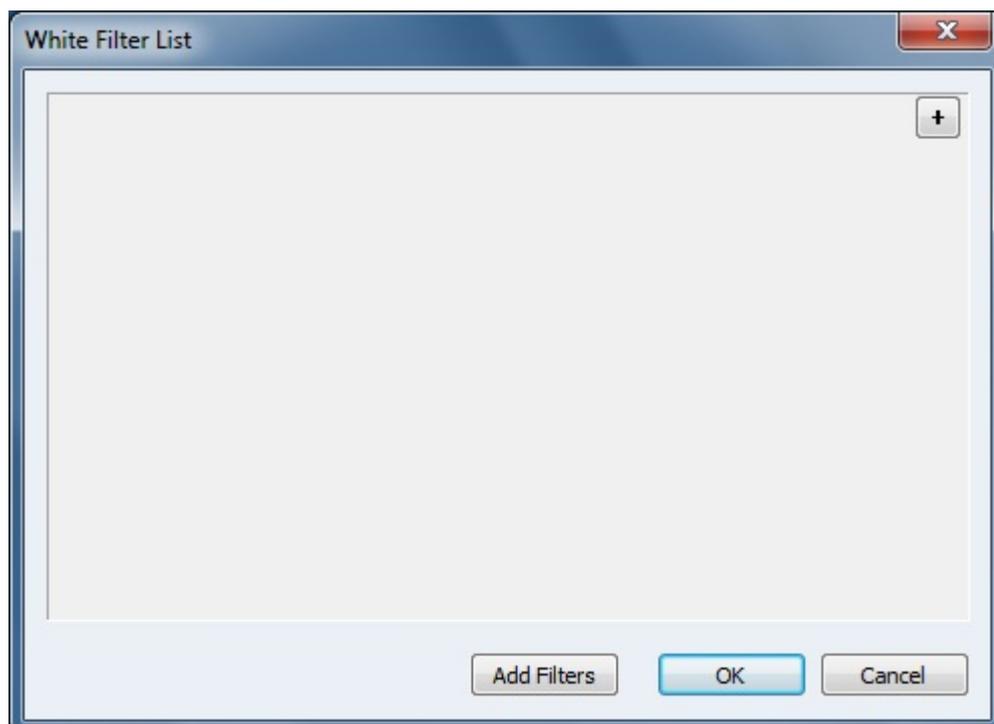


Click **Add Items** to select folders which contain the files you want to

backup.

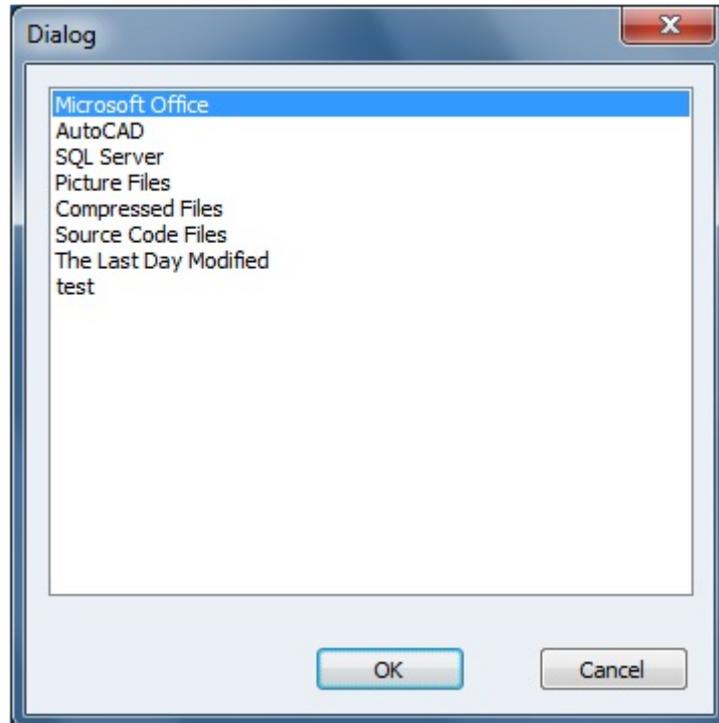


Click **White Filters** to configure the strategies.

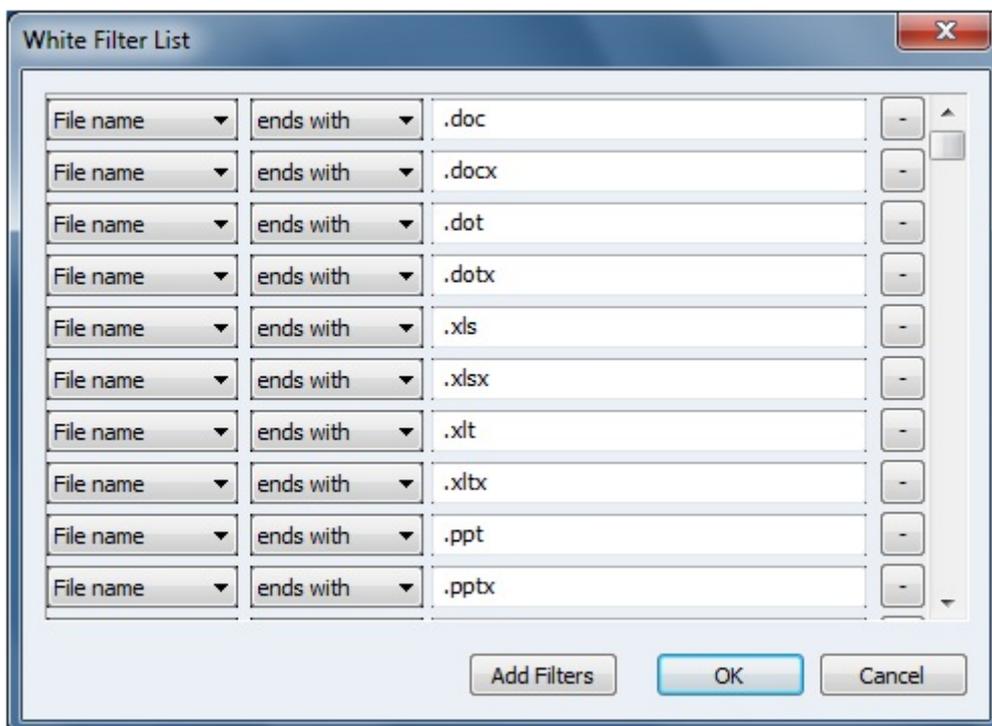


Click **Add Filters**.

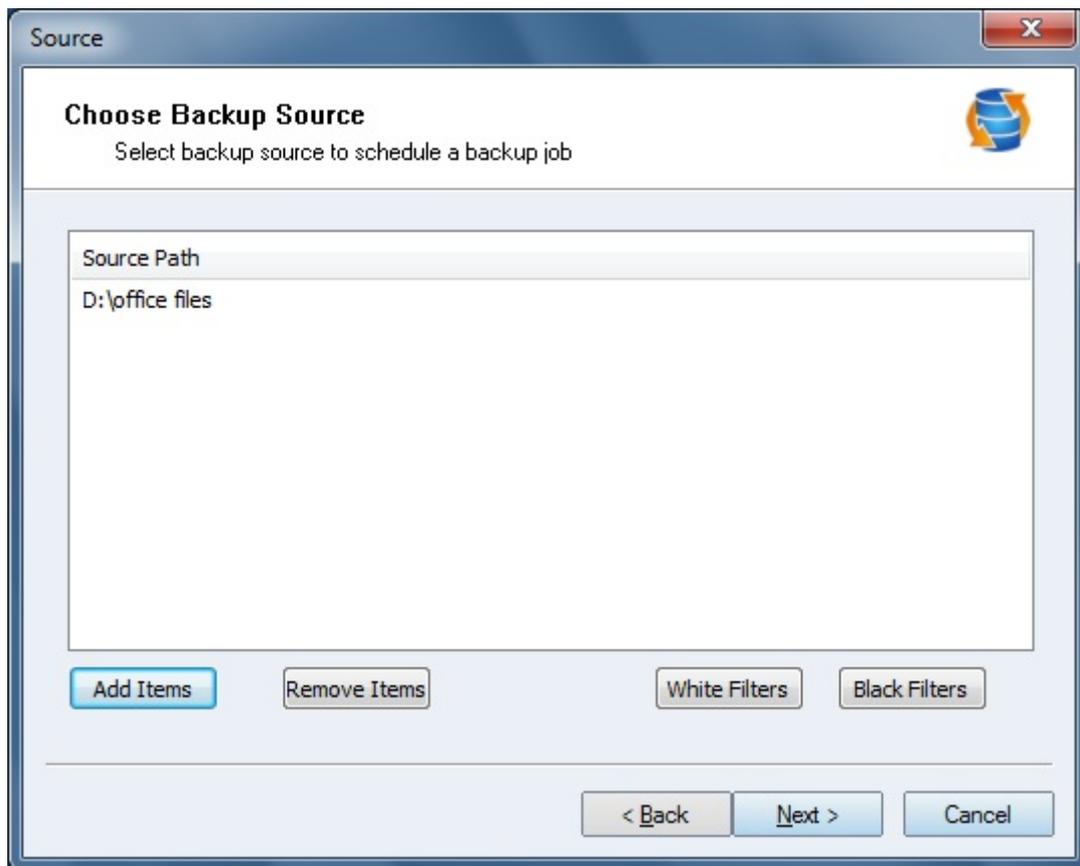
For convenience, K-Backup has popular file filters built in.



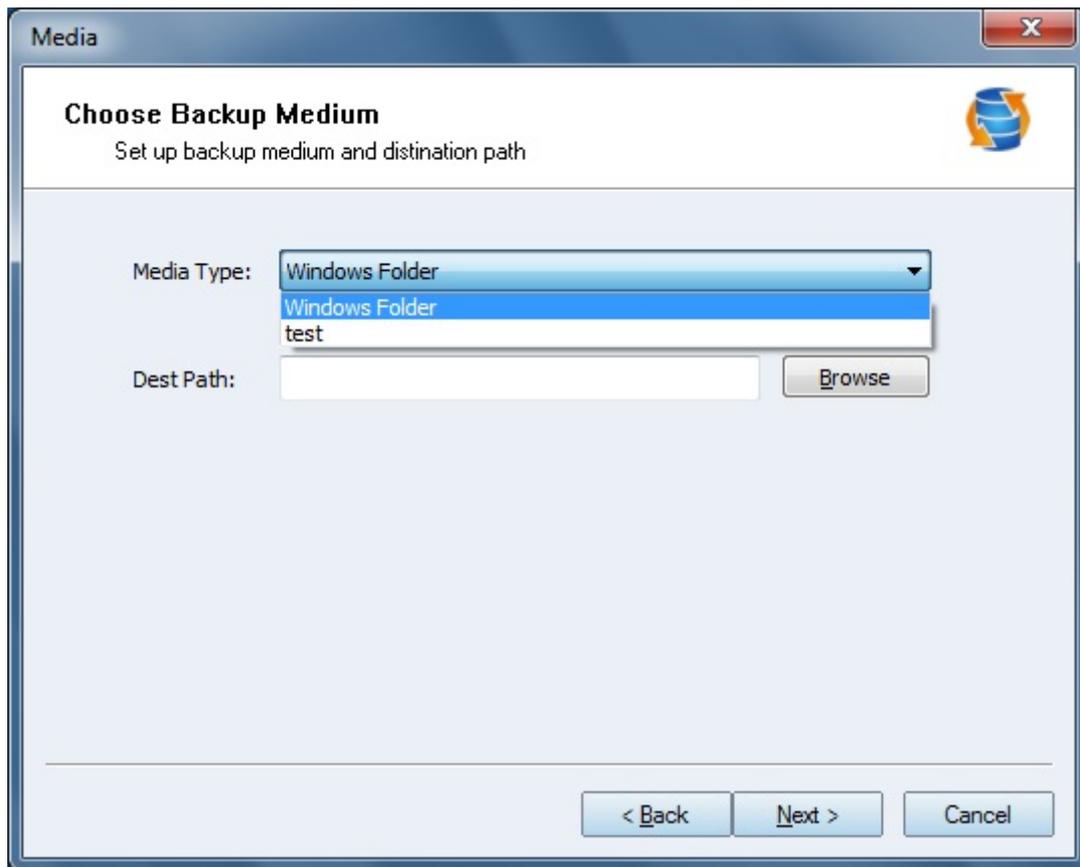
Just select **Microsoft Office** and click **OK**.



Press **OK** to finish **White Filters**.

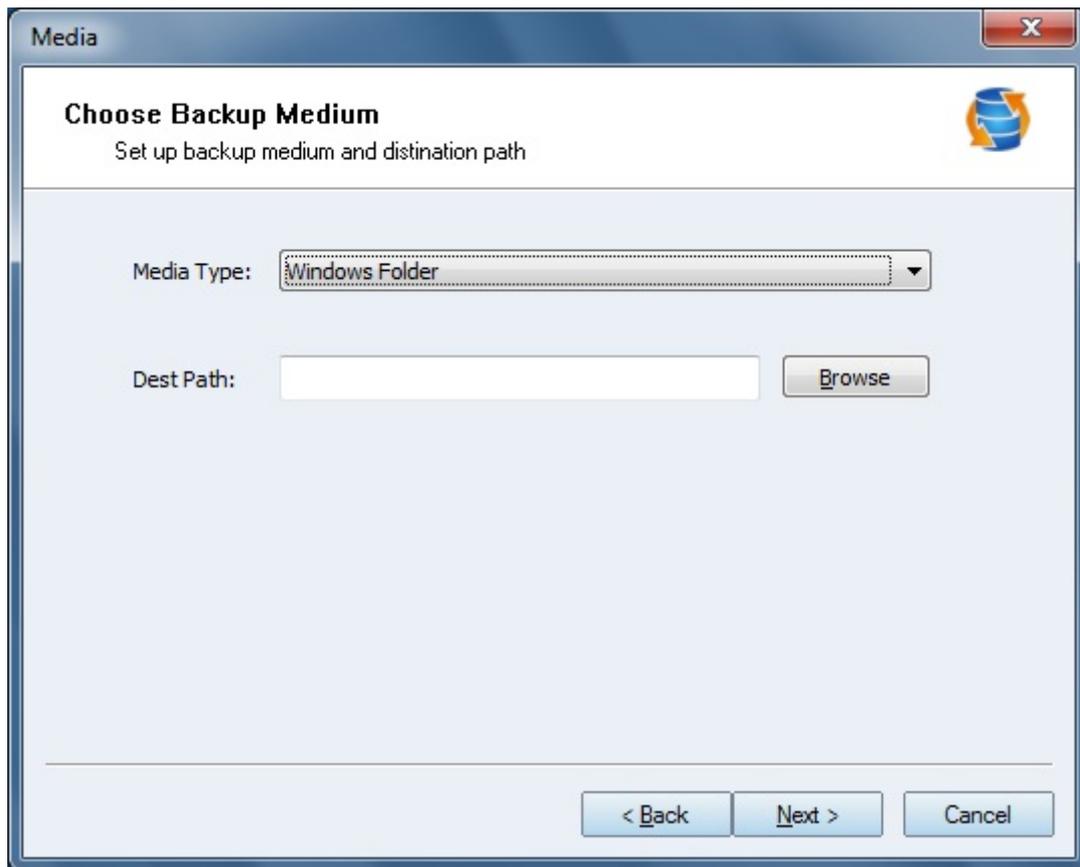


Press **Next** to continue.



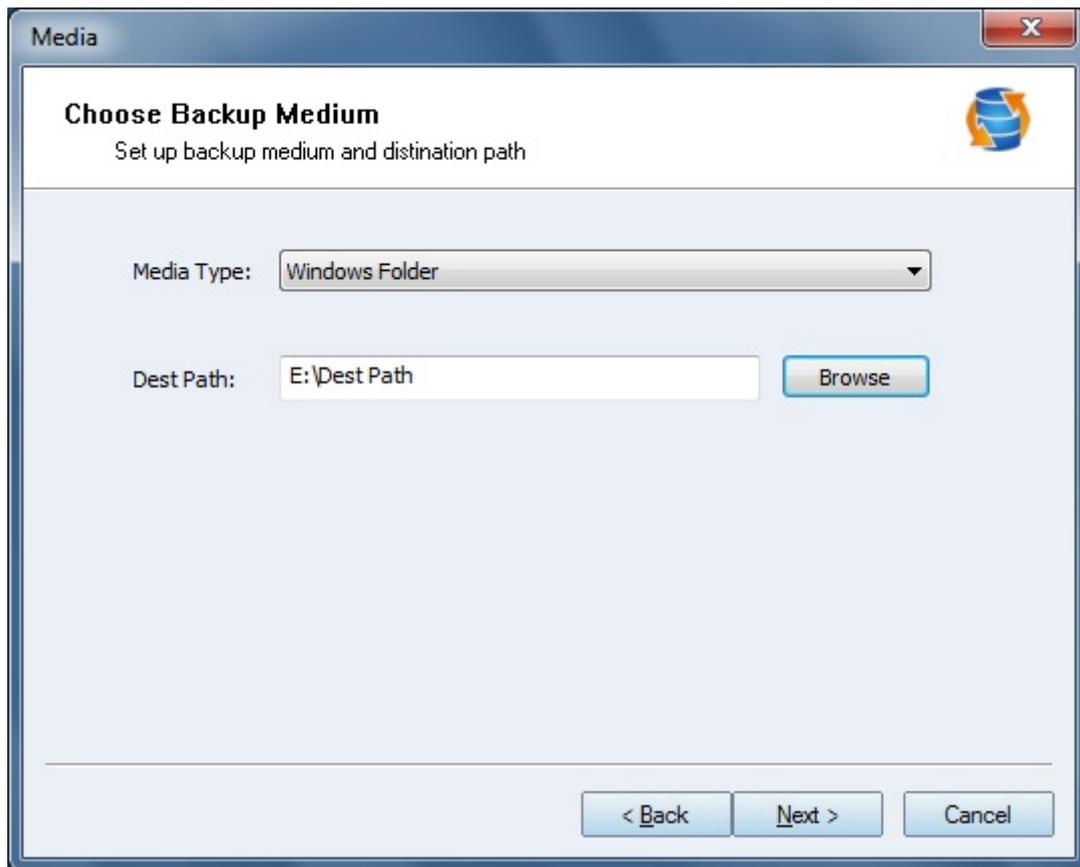
Select **Media Type**.

Here lists media we have added in **Backup Medium** tab.



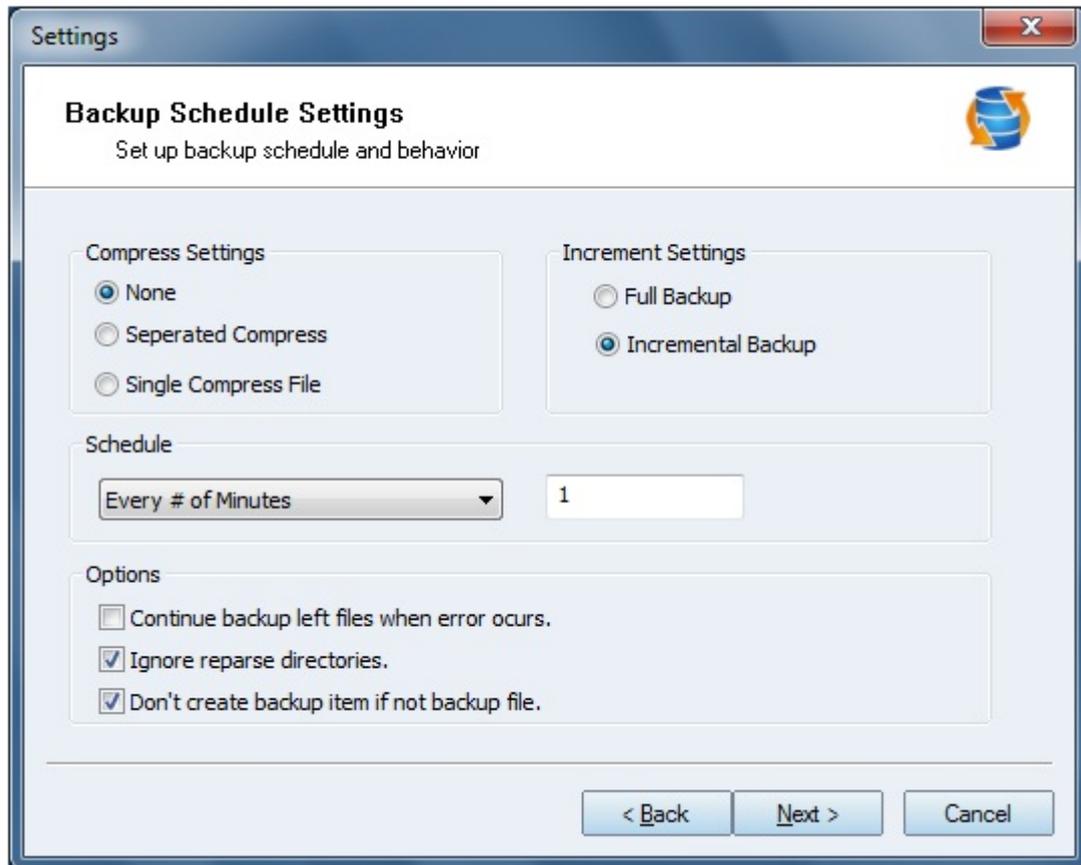
Because of backuping to local destination, we should select **Windows Folder**.

Browse the **Dest Path**.



To use iSCSI SAN, we should select the iSCSI Disk.

Then press **Next** to continue.



Configure Backup Schedule Settings.

### Compress Settings

**None:** Don't compress

**Separated Compress:** Compress every file singly

**Single Compress File:** Compress all files into one compress file

### Incremental Settings

**Fully Backup:** Backup all files during every execution

**Incremental Backup:** Backup newer files during execution, except that first execution will backup all files

### Schedule

Configure the interval time during two automatic executions of one

job.

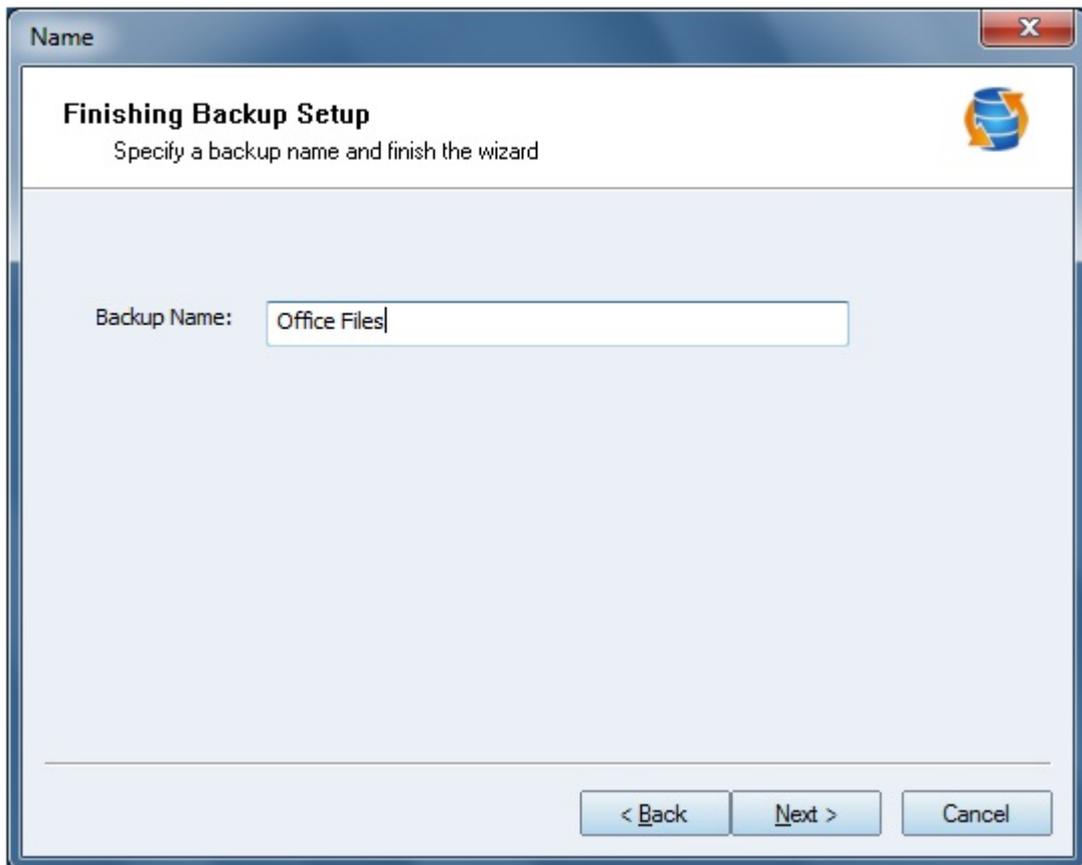
## Options

**Continue backup left files when error occurs:** Job will execute even when errors occur

**Ignore reparse directories:** Job will backup only one of the same directories to save space

**Don't create backup item if not backup file:** Job will not create a backup folder if there are no files to be backup

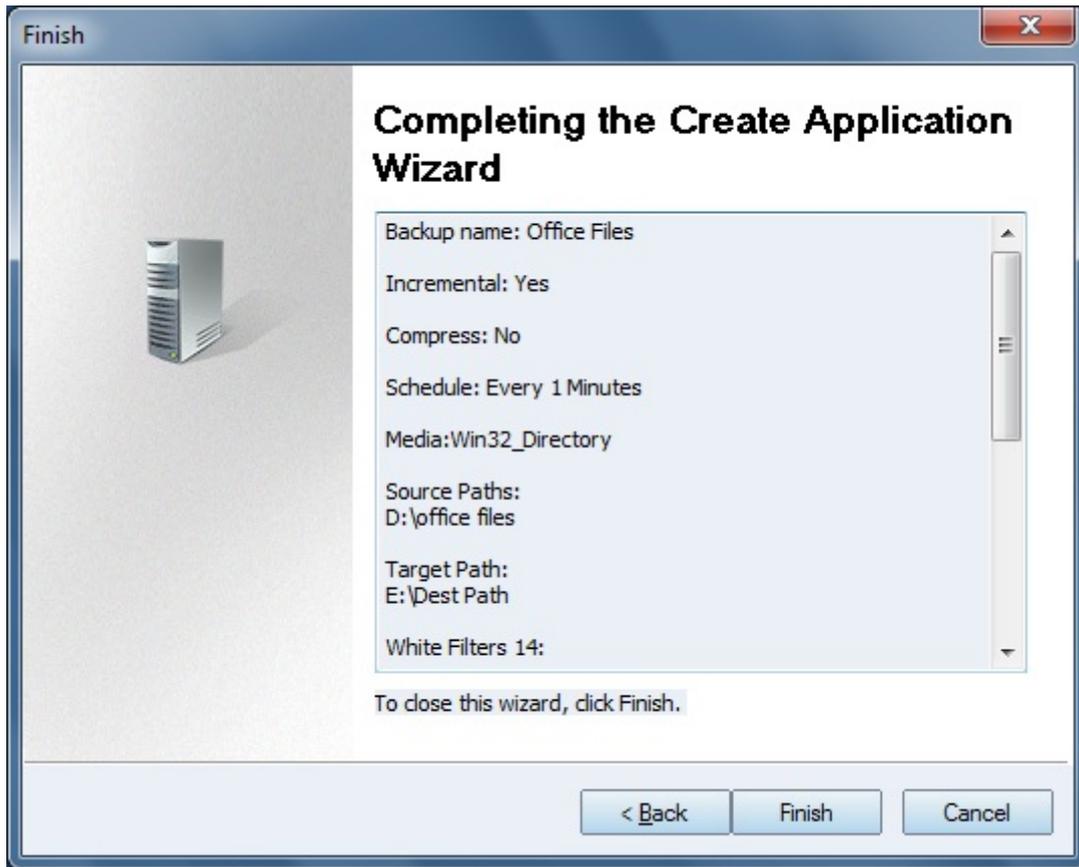
Press **Next** to continue.



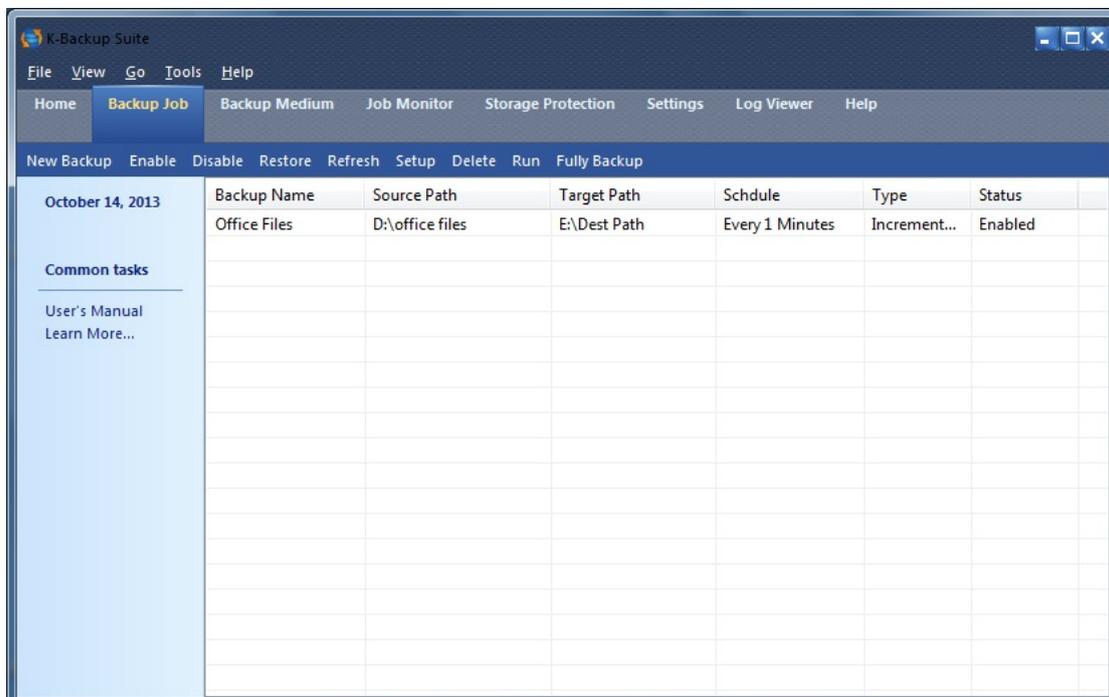
The image shows a Windows-style dialog box titled "Name". The main heading is "Finishing Backup Setup" with a subtitle "Specify a backup name and finish the wizard". A text input field labeled "Backup Name:" contains the text "Office Files". At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

Type the Backup Name as you like.

Press **Next** to continue.

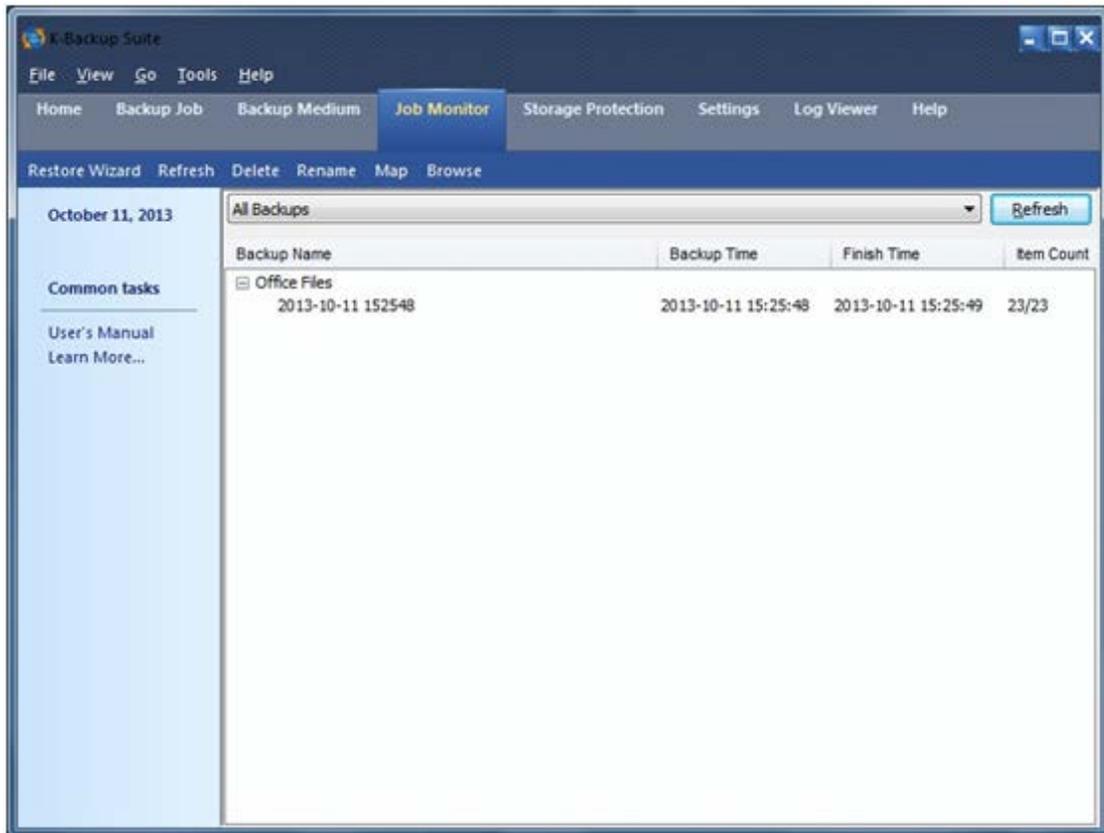


Check the information and press **Finish** to complete it.

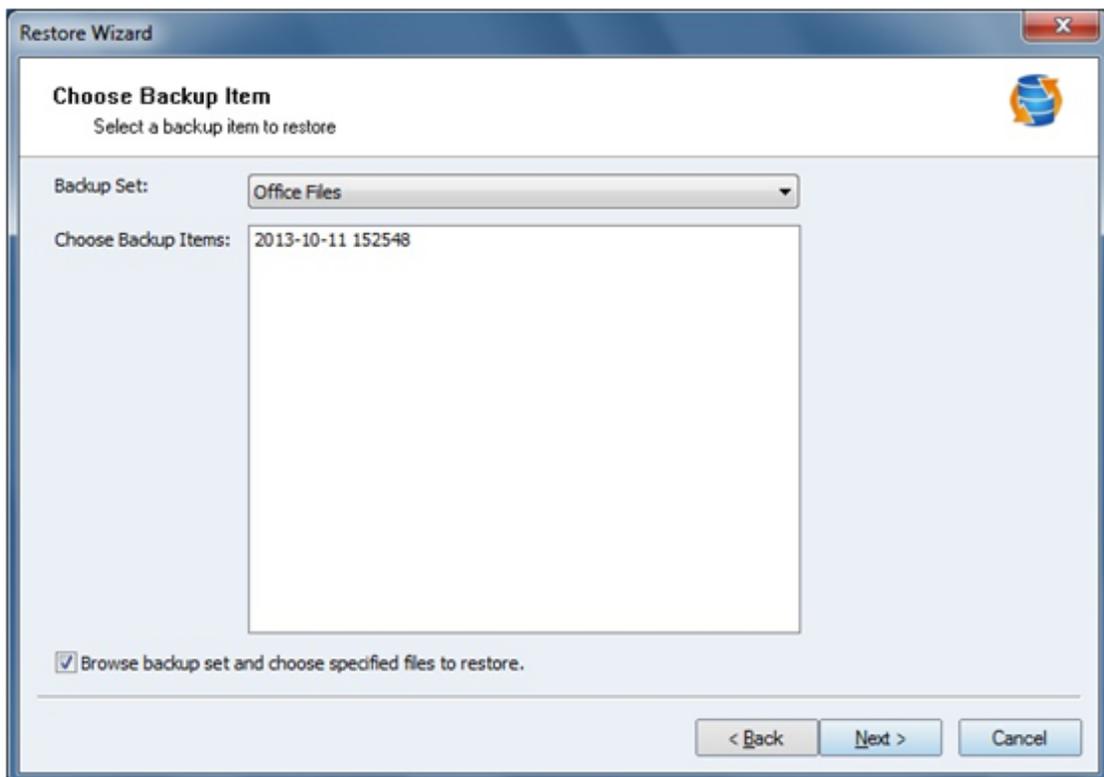


After the job was successfully created, the status should be **“Enabled”**.

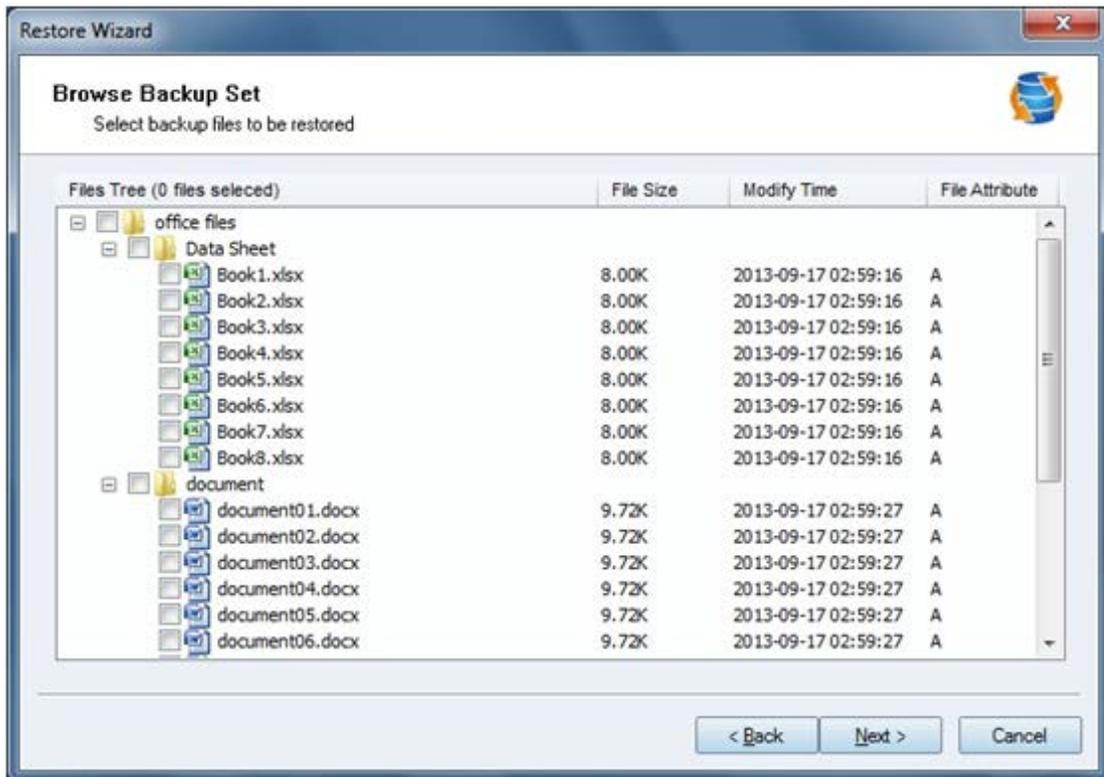




Press **Restore Wizard** on the **Job Monitor** tab.

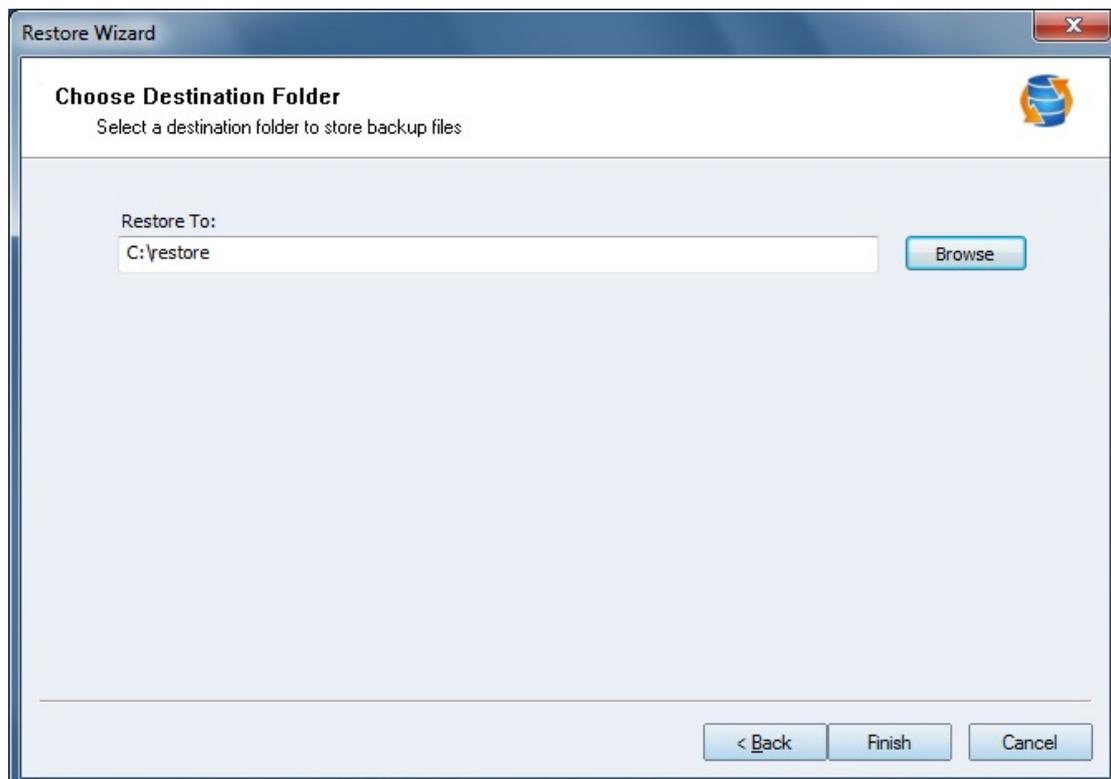


Select a backup item and press **Next** to continue.



You can select separated files or click root directory to restore all files.

Press **Next** to select the local destination you want to restore to.



Press **Finish** to restore files.

Combining iSCSI SAN with local backup is an efficient, safe and stable solution.

## Contact

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Sale: [sales@kernsafe.com](mailto:sales@kernsafe.com)

Home Page: <http://www.kernsafe.com/>

Product Page: <http://www.kernsafe.com/product/k-backup.aspx>

Licensing: <http://www.kernsafe.com/product/k-backup/license-compare.aspx>

Forum: <http://www.kernsafe.com/forum/>



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