

# **K-Backup: Automatic Network Backup solution**

Monday, November 4, 2013



KernSafe Technologies, Inc

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

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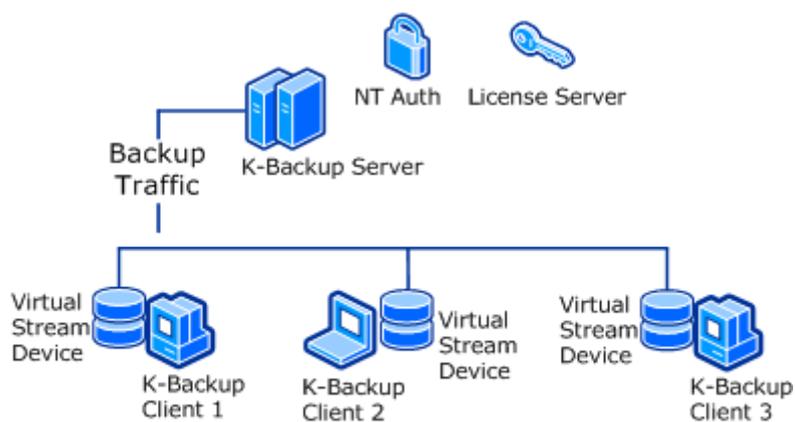
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# Overview

K-Backup provides a convenient and efficient way to backup important files for office employees. With the help of K-Backup, officers are able to backup word documents, Excel documents and others to local folder, shared folder or Network Stream which can be centrally managed on K-Backup Server.

In this whitepaper, we introduce that how to backup office documents to Network Stream.

To backup files to Network Stream, you should have a K-Backup Server to provide network disk.

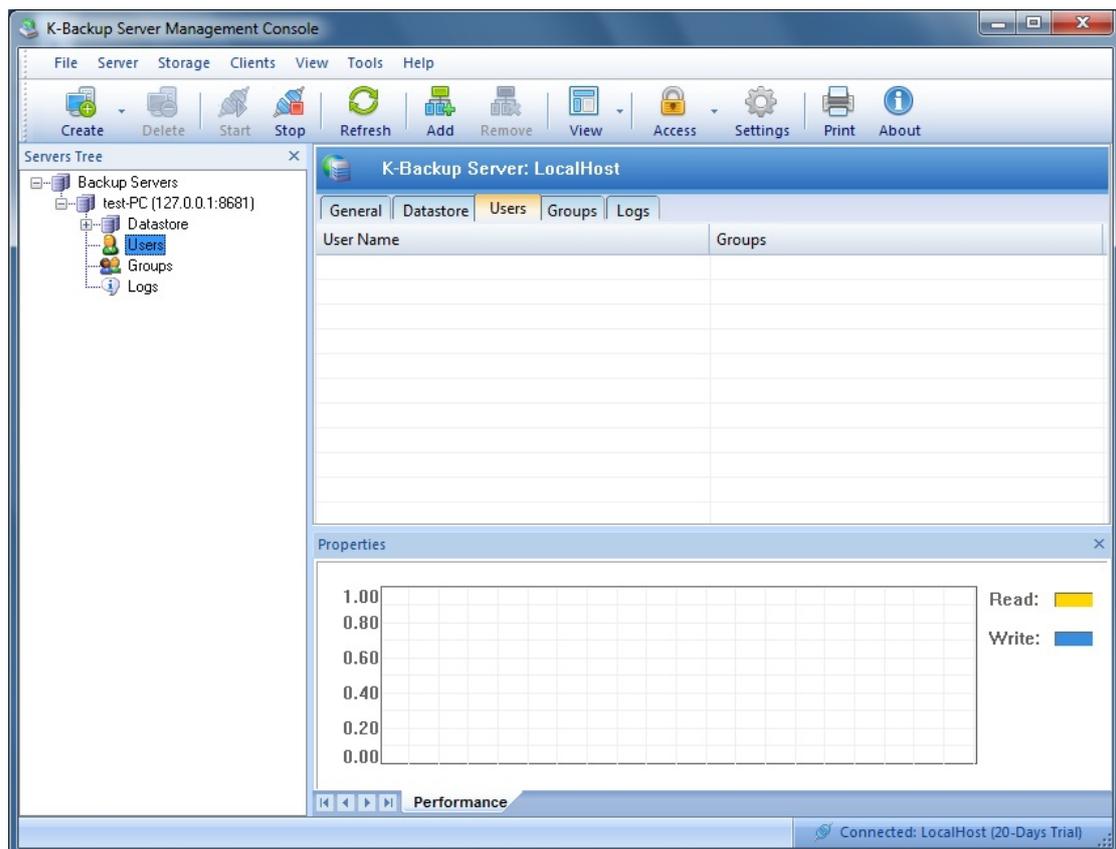


K-Backup is released as a shareware; there is only 20 days trial when you are unregistered user. To get more information about license, please visit: [www.kernsafe.com](http://www.kernsafe.com) .

# Create Backup Datastore

## Add Users

Open **K-Backup Server Management Console** and click **Users** on the left server tree.



Right click **Uses** and select **New user...**

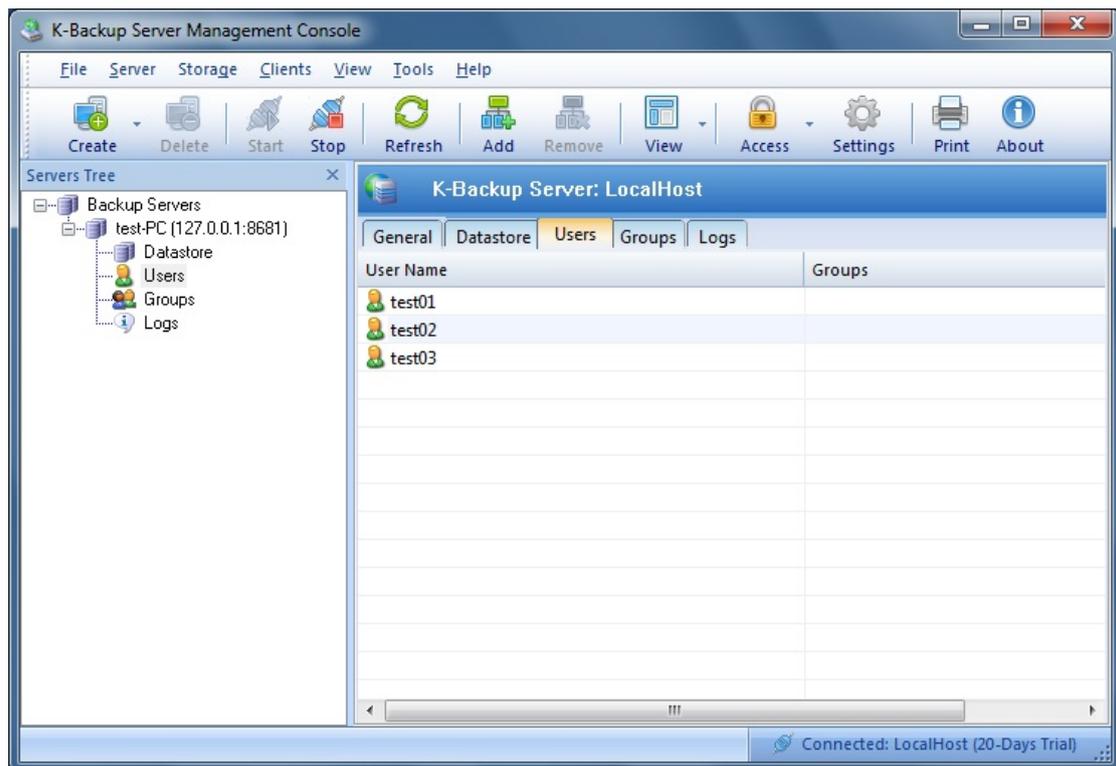
**Create/Edit User** dialogue will be shown as below.



Enter the **User Name**, **Password** and **Confirm Password**.

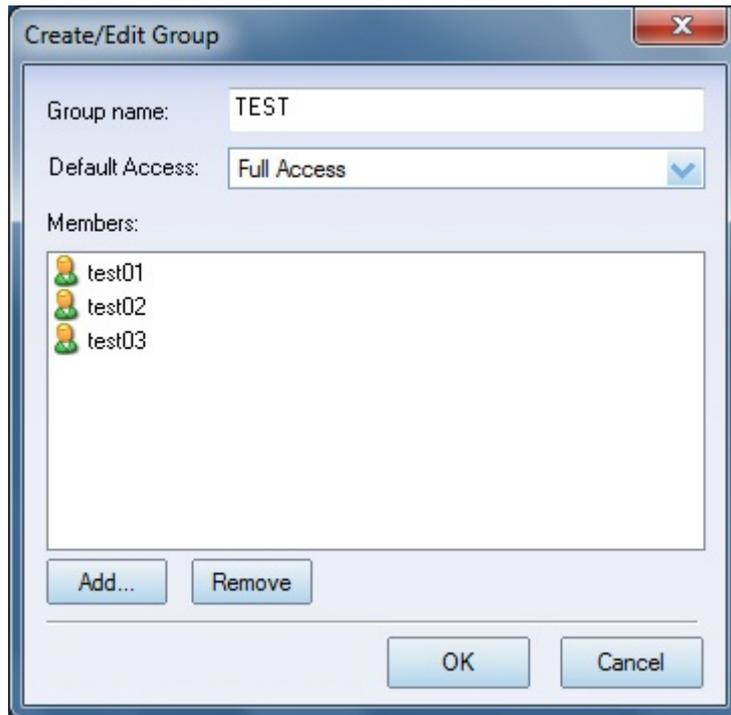
Then press **OK** to add user.

Add more users as above.



## Create Group

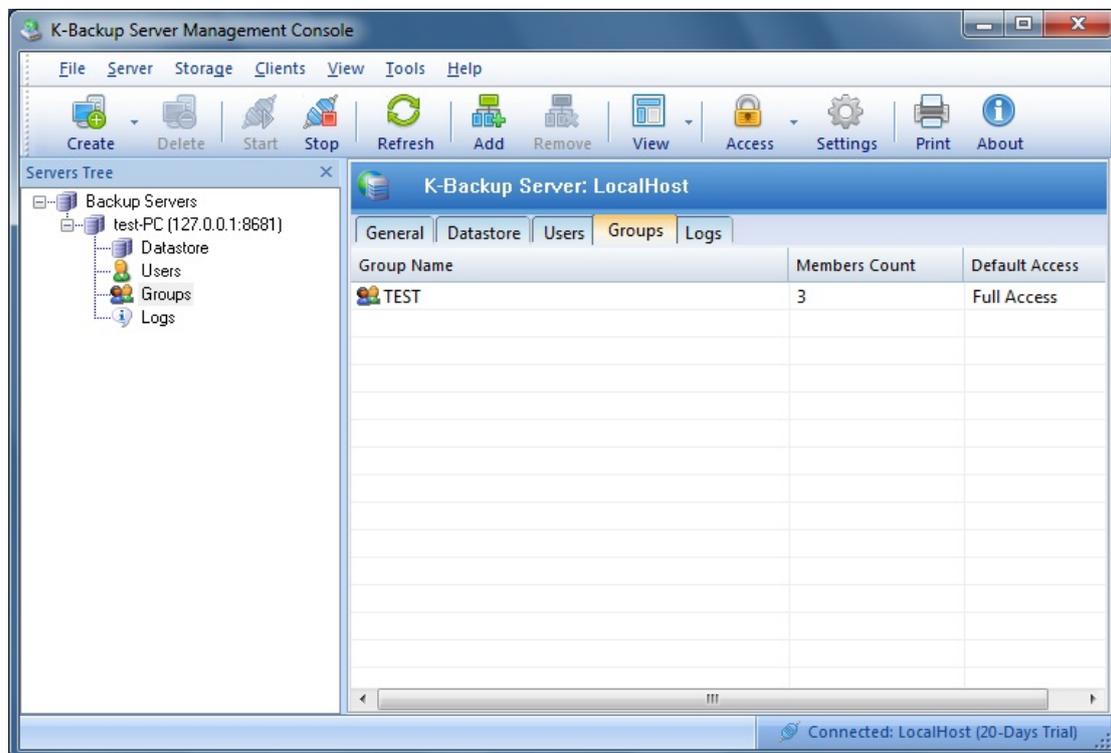
Right click **Groups** and then select **New Group...**



Enter the **Group name**

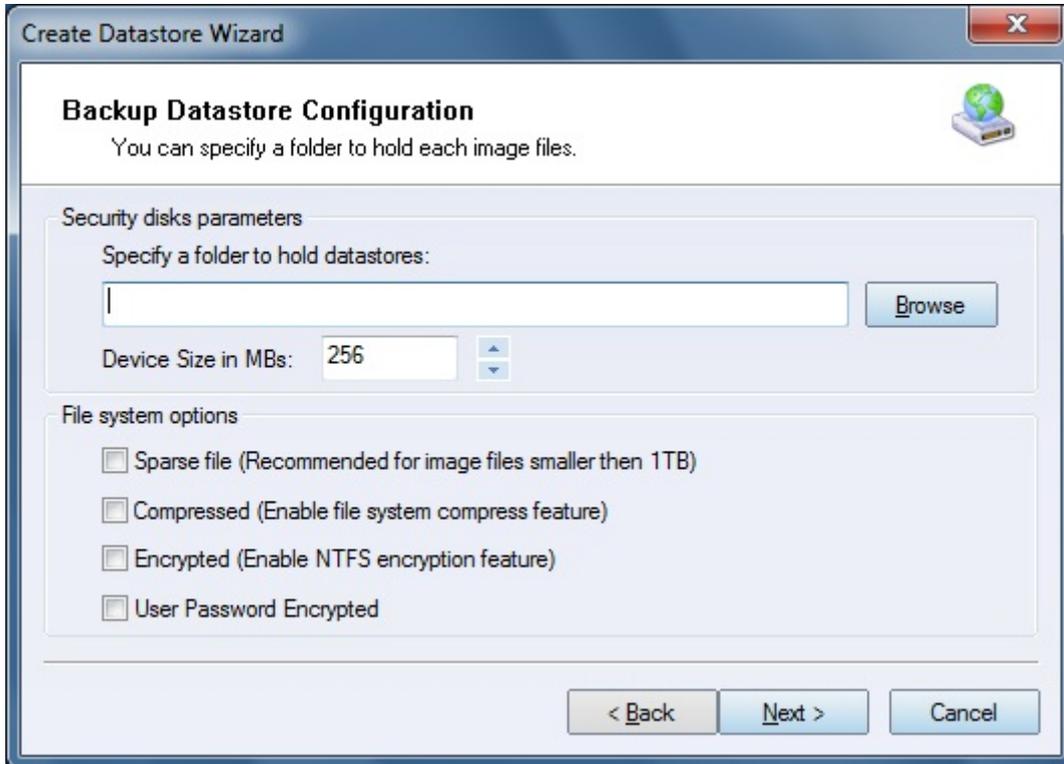
Then press **Add...** to add users we have created.

Then press **OK**

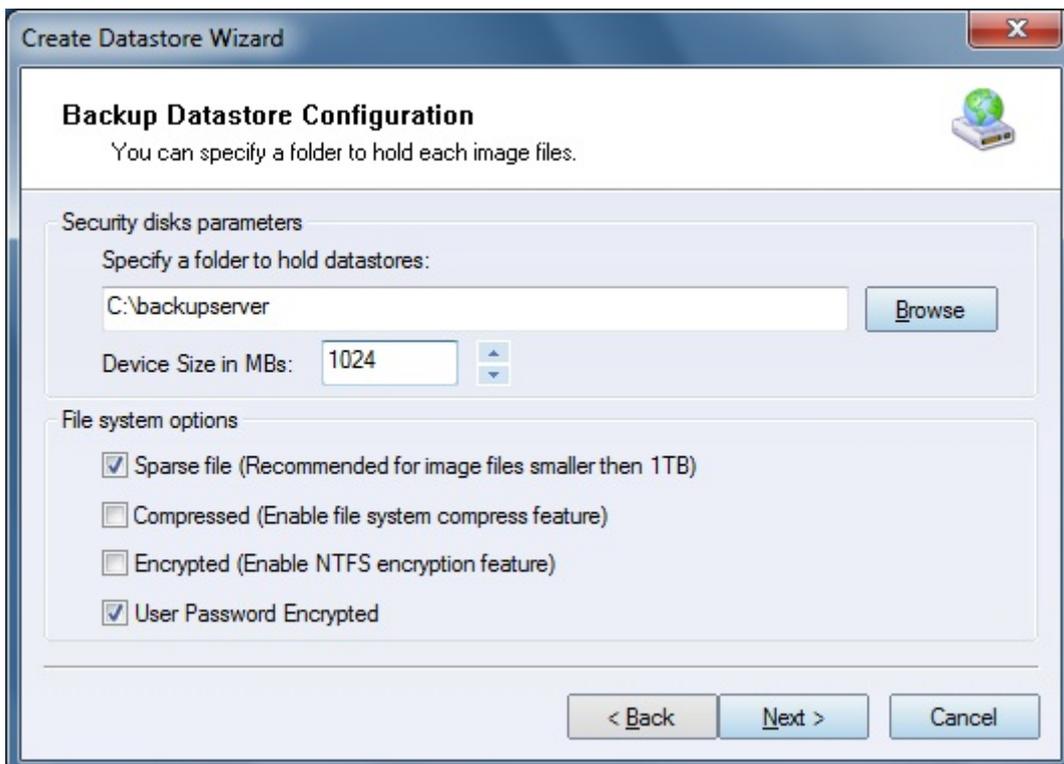


# Create Datastore

Click **Create** on the toolbar then press **Datastore**.



Specify a folder to hold disk images.



And then check **Sparse file** and **User Password Encrypted**.

Note: **It is recommended to Check Spare file to save disk space.**

Press **Next** to continue.

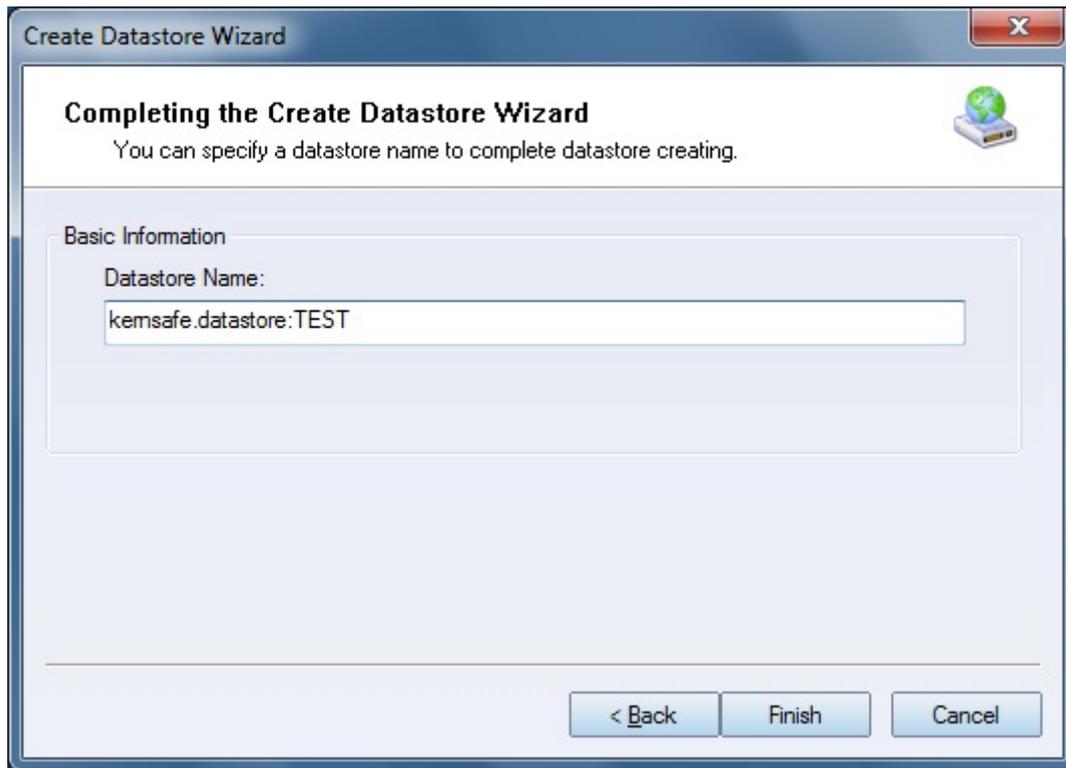


Choose Authorization.

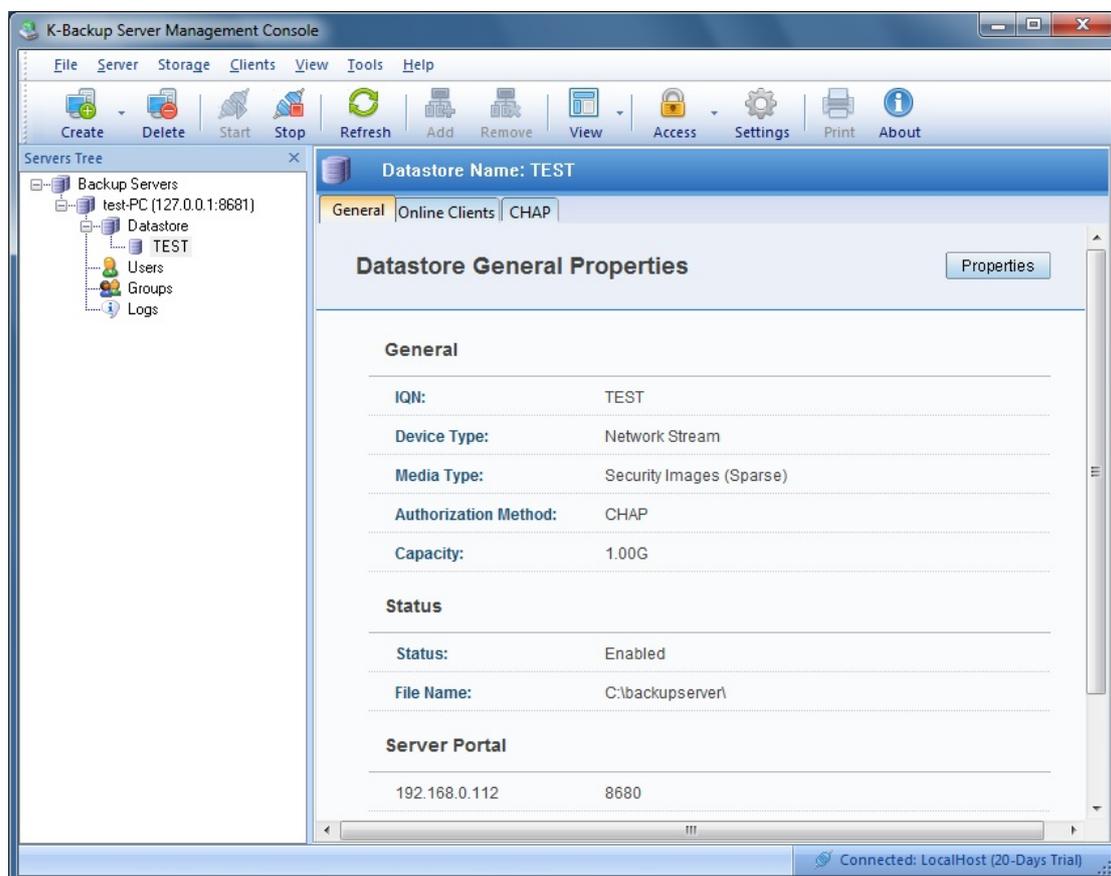
To use the users we have created, choose **Built-In User**.

Do not check "**Inherit security roles from global settings.**"

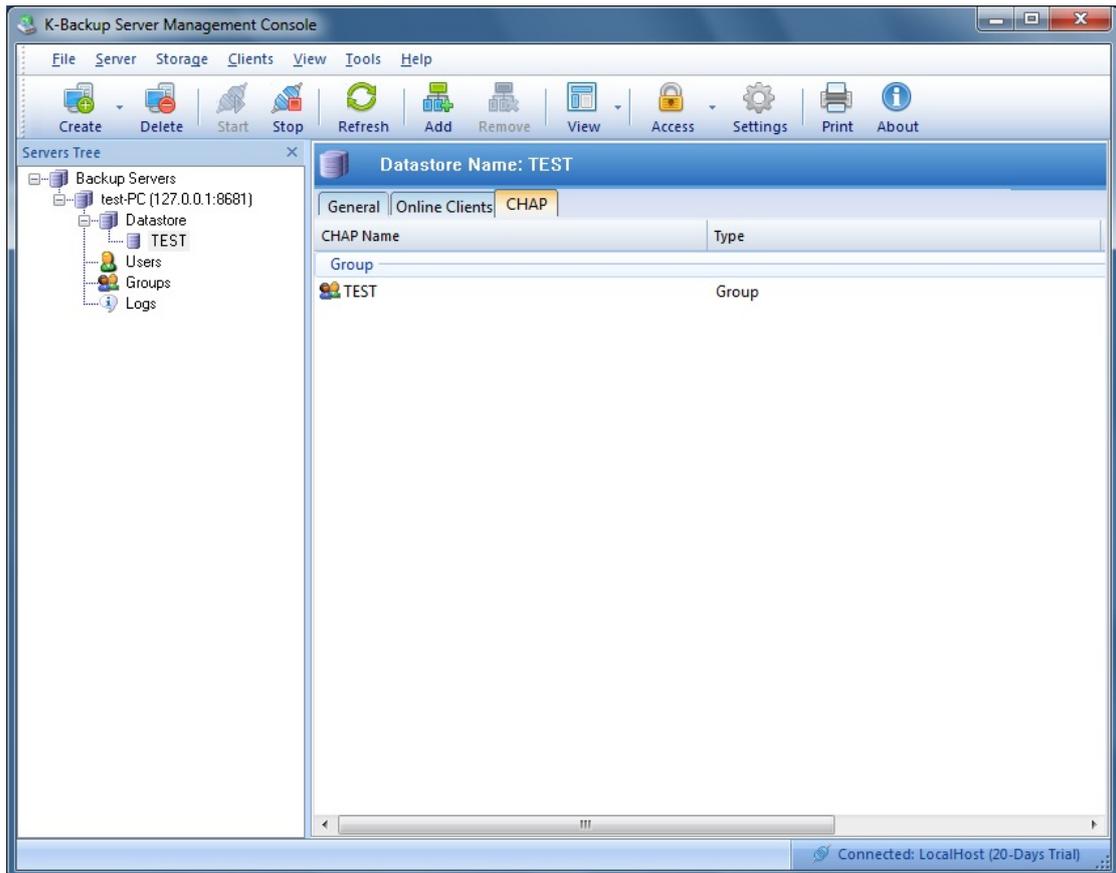
Press **Next** to continue.



Enter the **Datastore Name** and then press Finish.



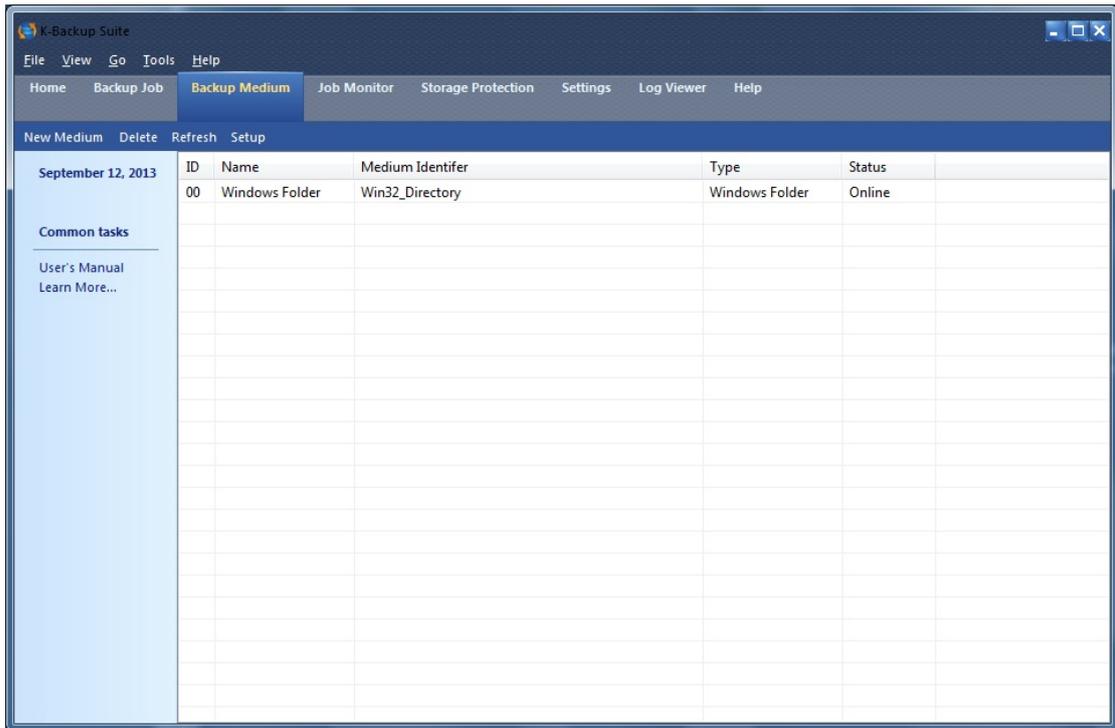
Then click **CHAP** on Datastore properties tab.



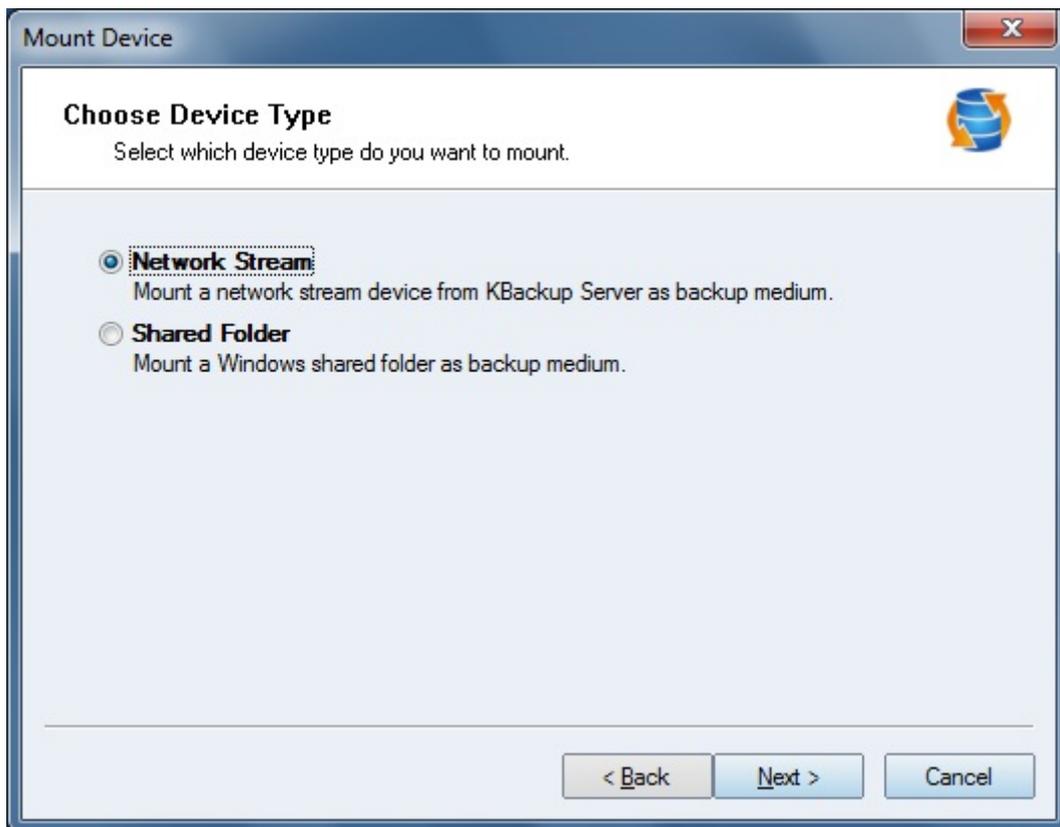
To use Datastore, we should add the Group we have created.

## Add Medium

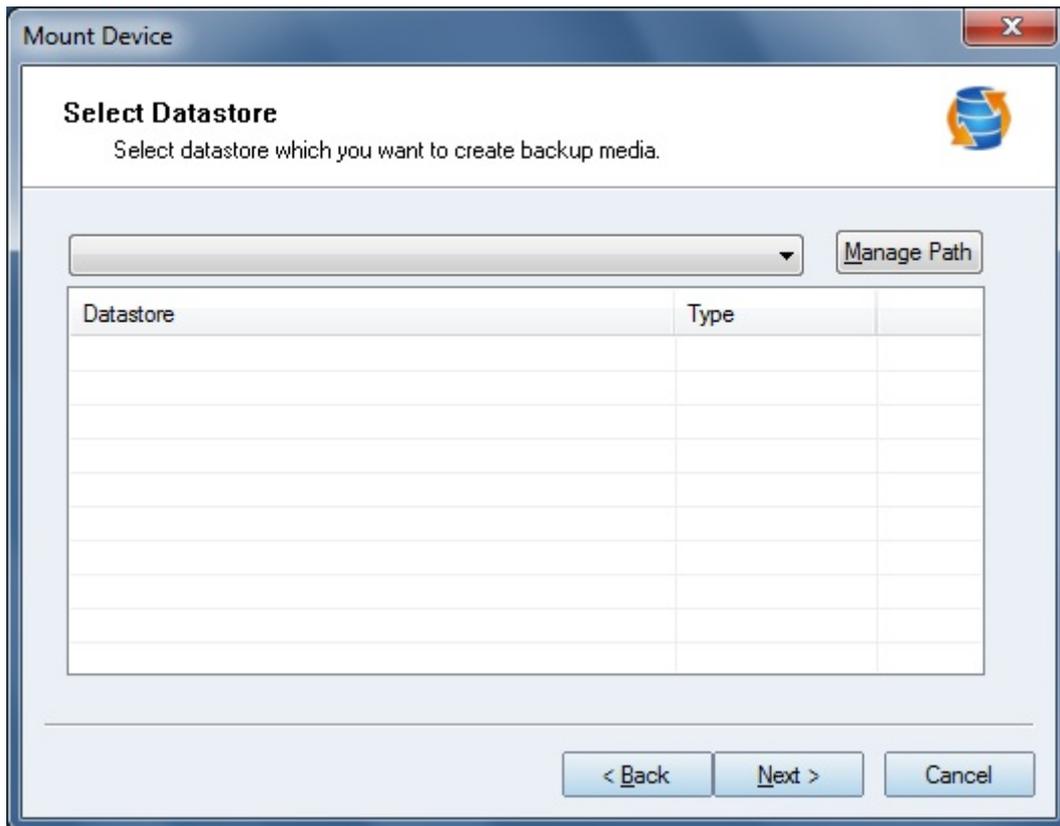
Open K-Backup management console and press **Backup Medium**.



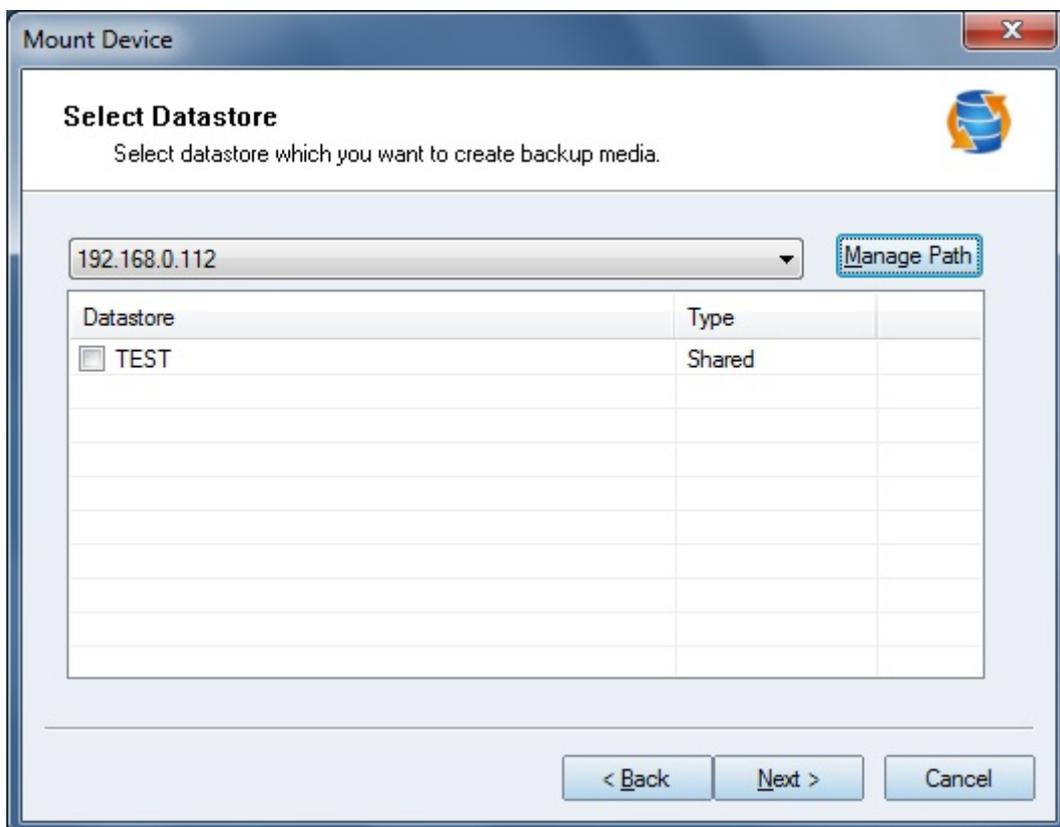
Press **New Medium** to add the network stream.



Select **Network Stream** and press **Next** to continue.



Click **Manage Path** and add the K-Backup Server.



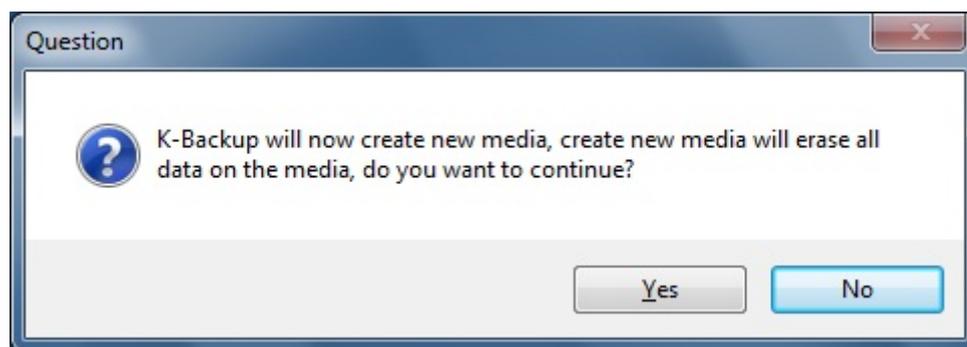
Check **TEST** and press **Next** to continue.



Enter the **Media Name**.

The **User** should be that we created on K-Backup Server.

Press **Finish** and then a **Question** will be shown as below.



Since the Datastore is empty, Press **Yes**.

After the medium was successfully added, you can check the medium information by clicking the medium.

K-Backup Suite

File View Go Tools Help

Home Backup Job **Backup Medium** Job Monitor Storage Protection Settings Log Viewer Help

New Medium Delete Refresh Setup

October 14, 2013

Common tasks

User's Manual  
Learn More...

ID	Name	Medium Identifier
00	Windows Fold...	Win32_Directory
01	test	Stream(E8D13399-A9C7-4C40-BF0B...

Media Information

Name: test  
Device Type: Network Stream  
Status: Online

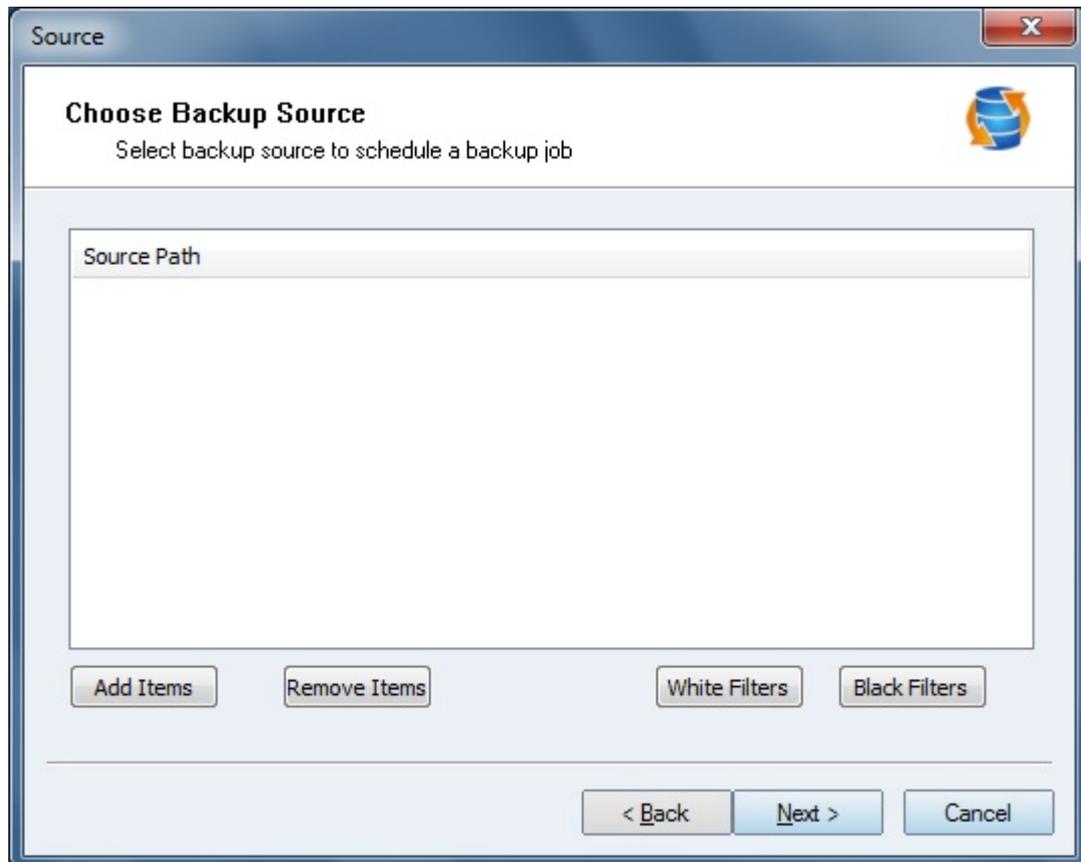
Total Space: 1,073,709,056 Bytes 1024.0 MB  
Used Space: 34,668,544 Bytes 33.1 MB  
Free Space: 1,039,040,512 Bytes 990.9 MB

Erase

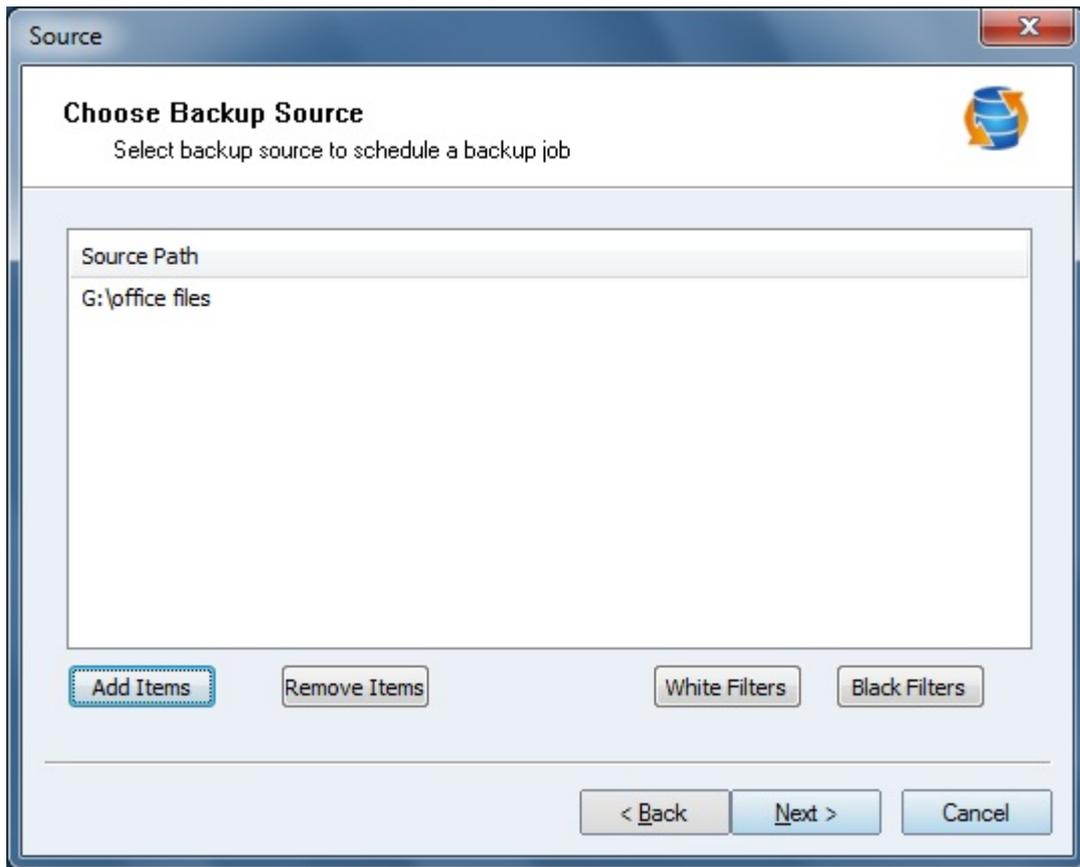
# Backup Job

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

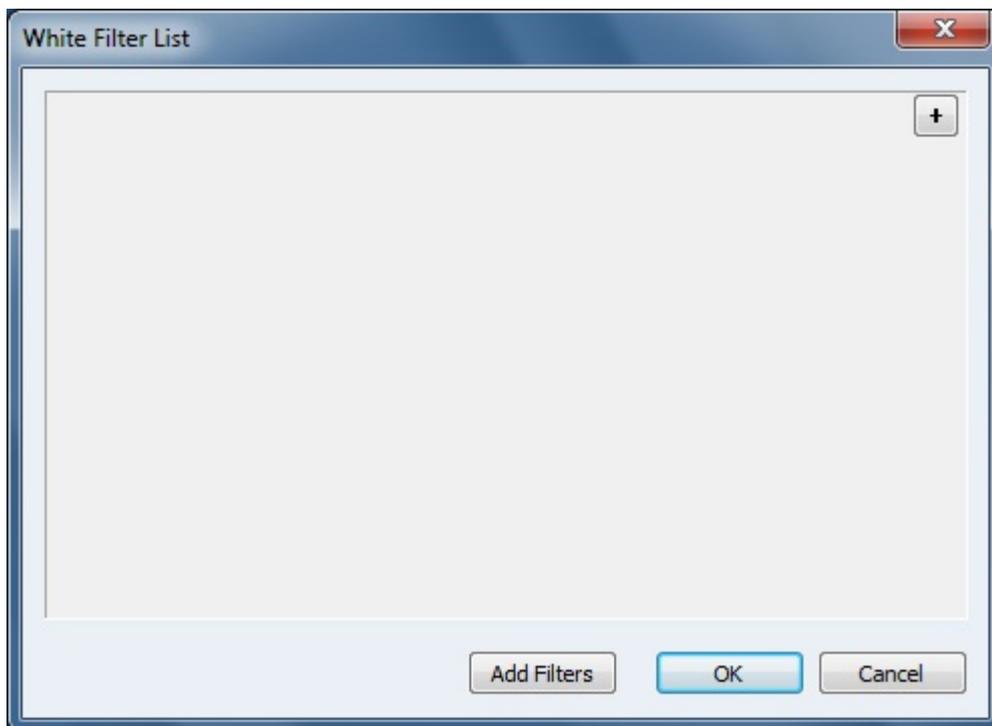
The dialogue will be shown as below.



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

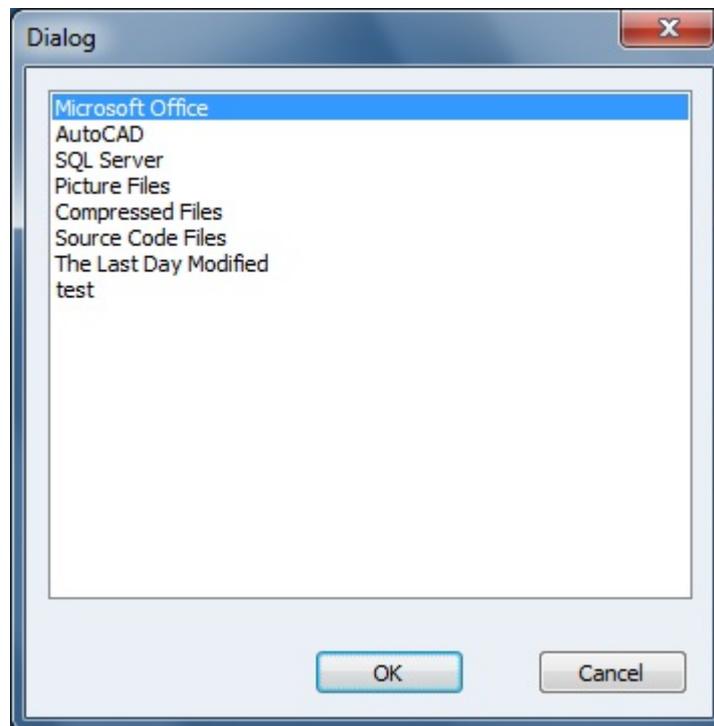


Click **White Filters** to configure the strategies.

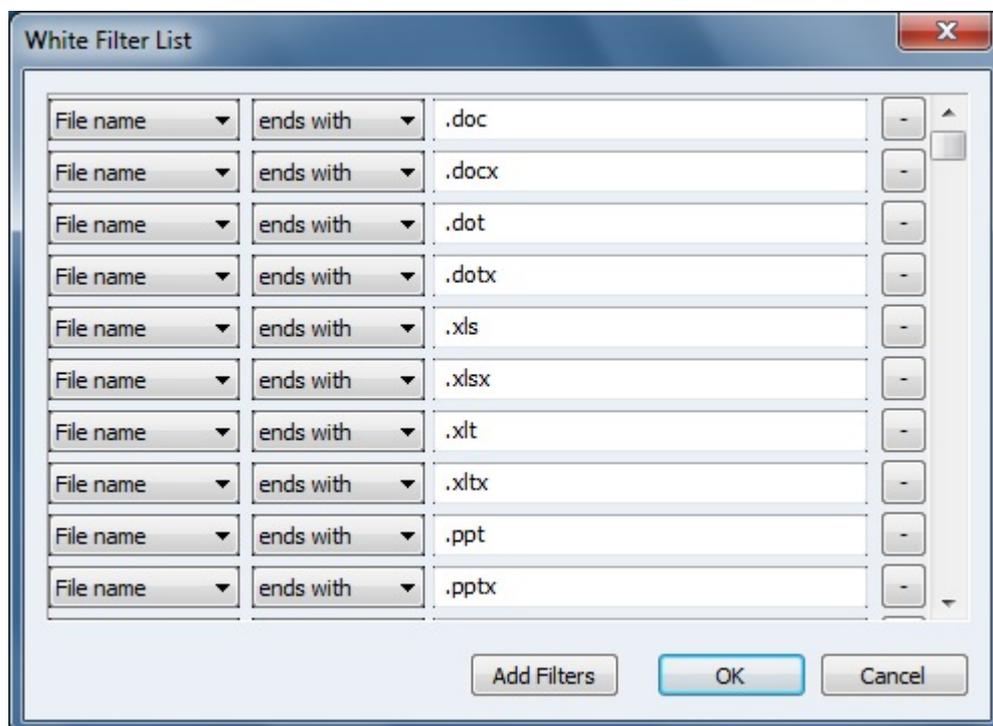


Click **Add Filters**.

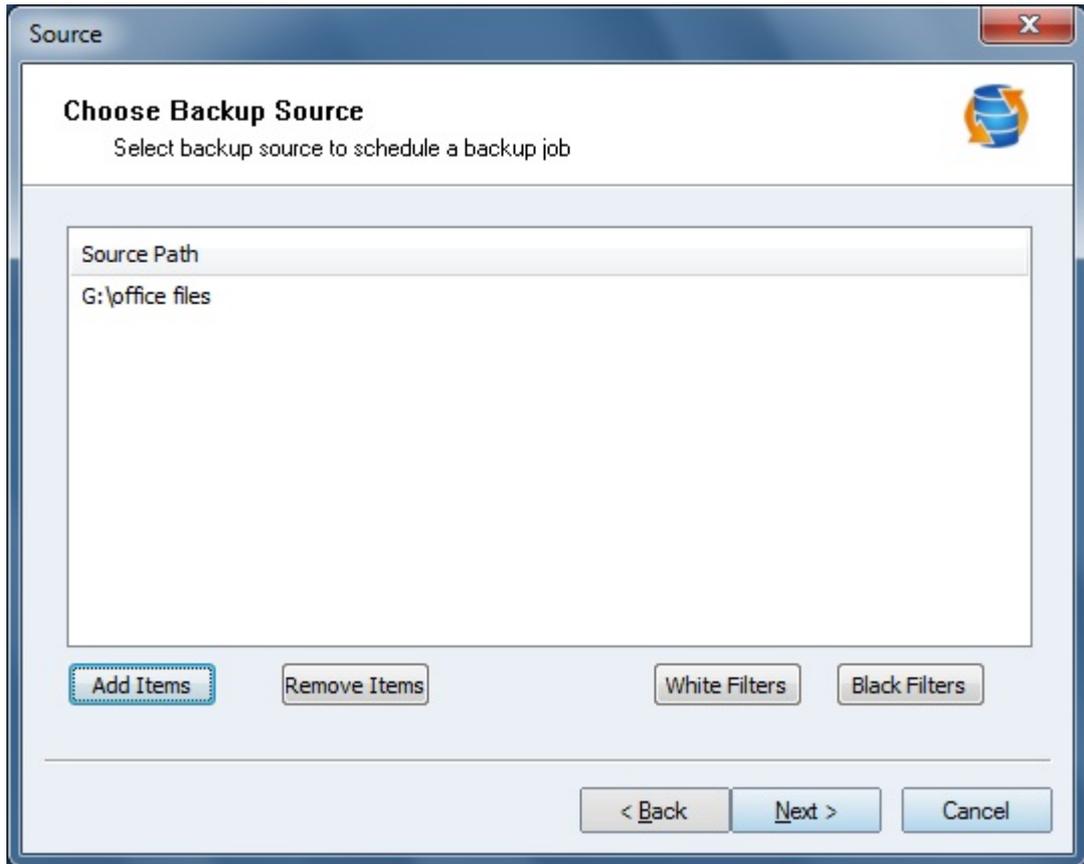
For convenience, K-Backup has popular file filters built-in.



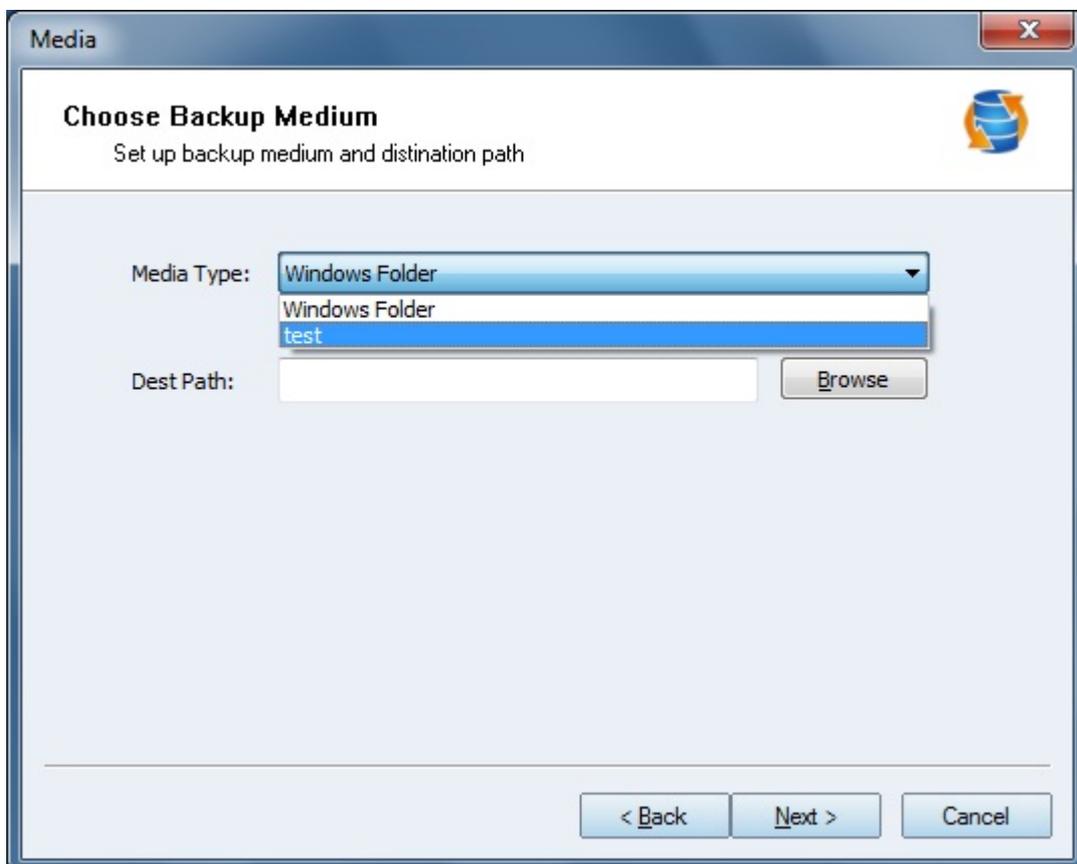
Just select **Microsoft Office** and click **OK**.



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

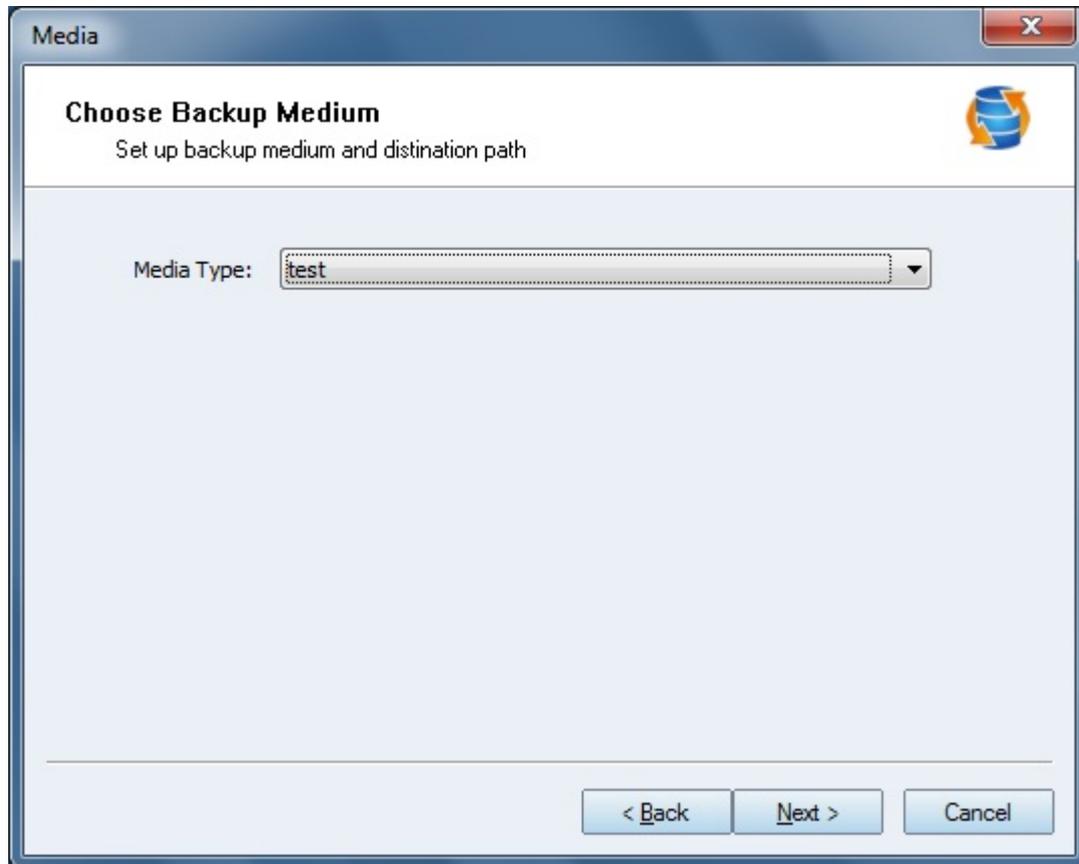


Press **Next**.

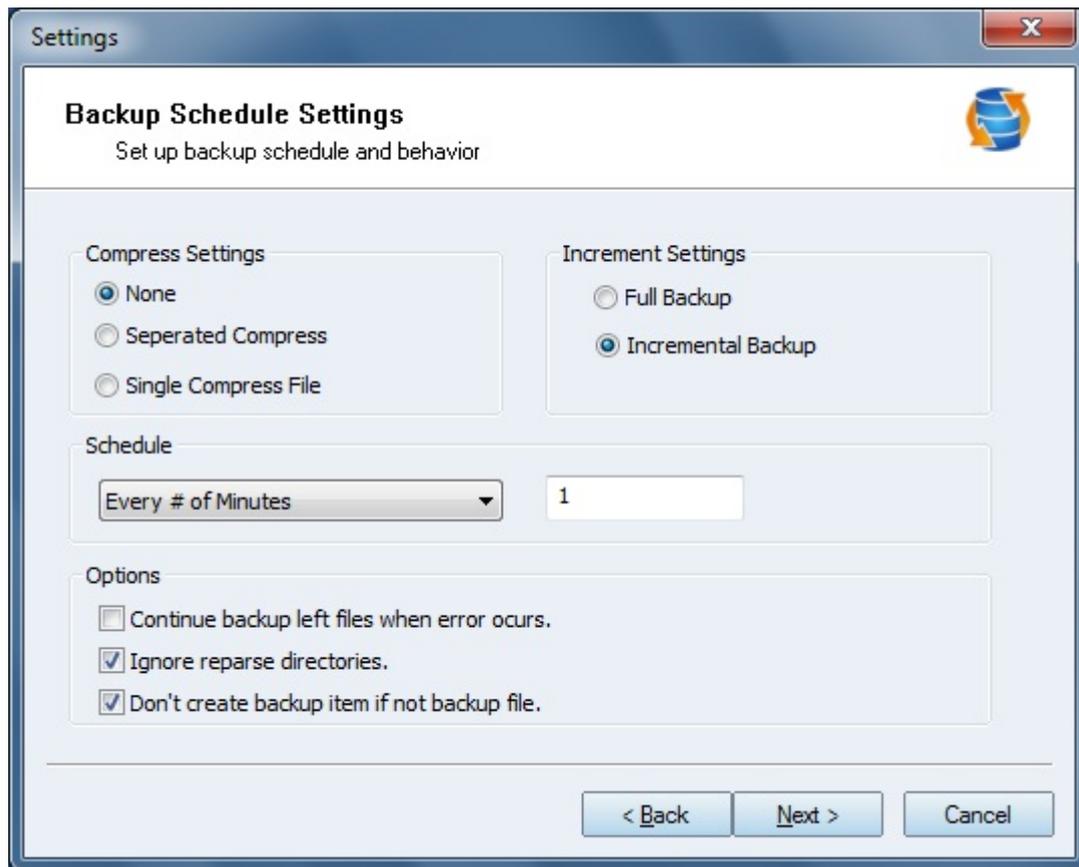


Select **Media Type**.

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



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.

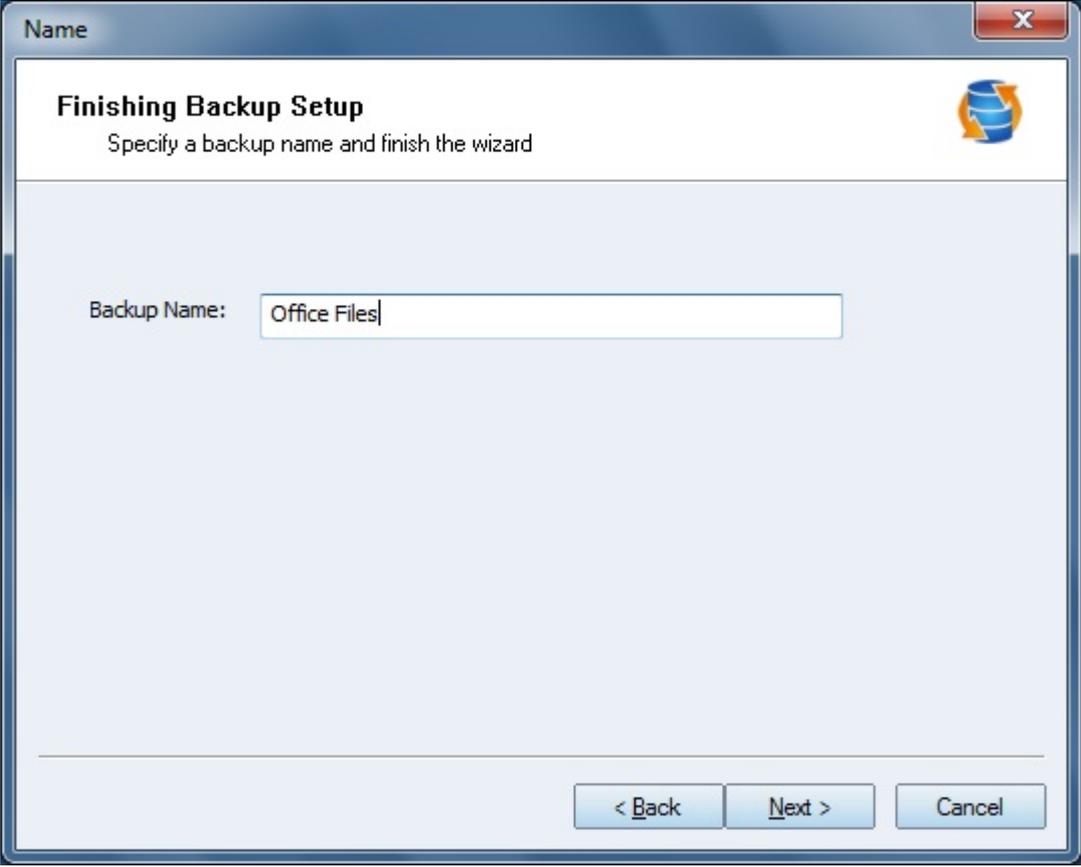
## Options

**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 screenshot 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".

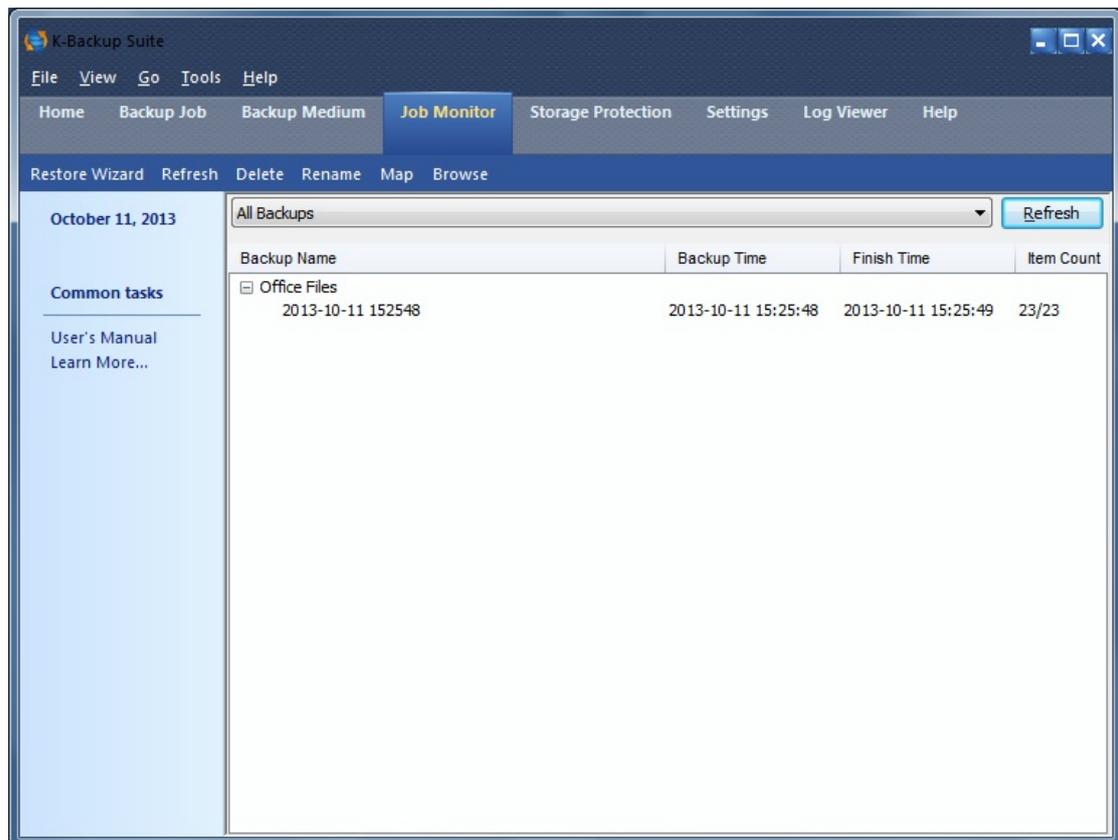
Type the Job Name as you like.

Then Press **Next** to continue.

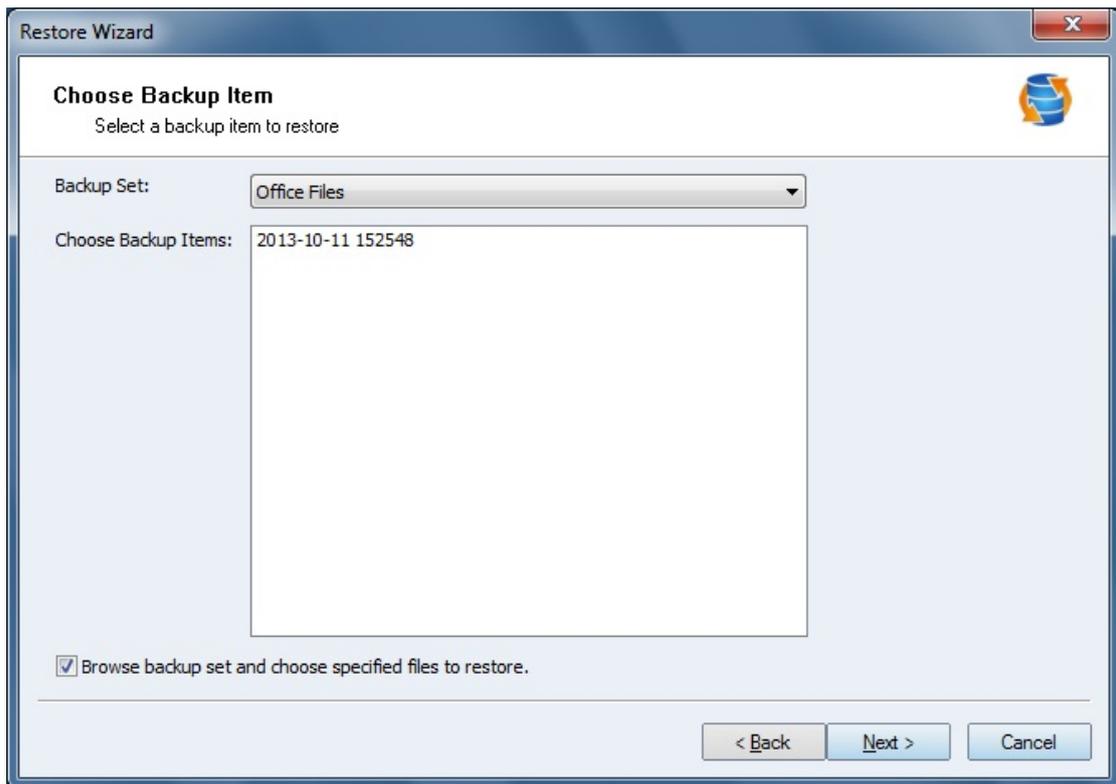


# Restore Files

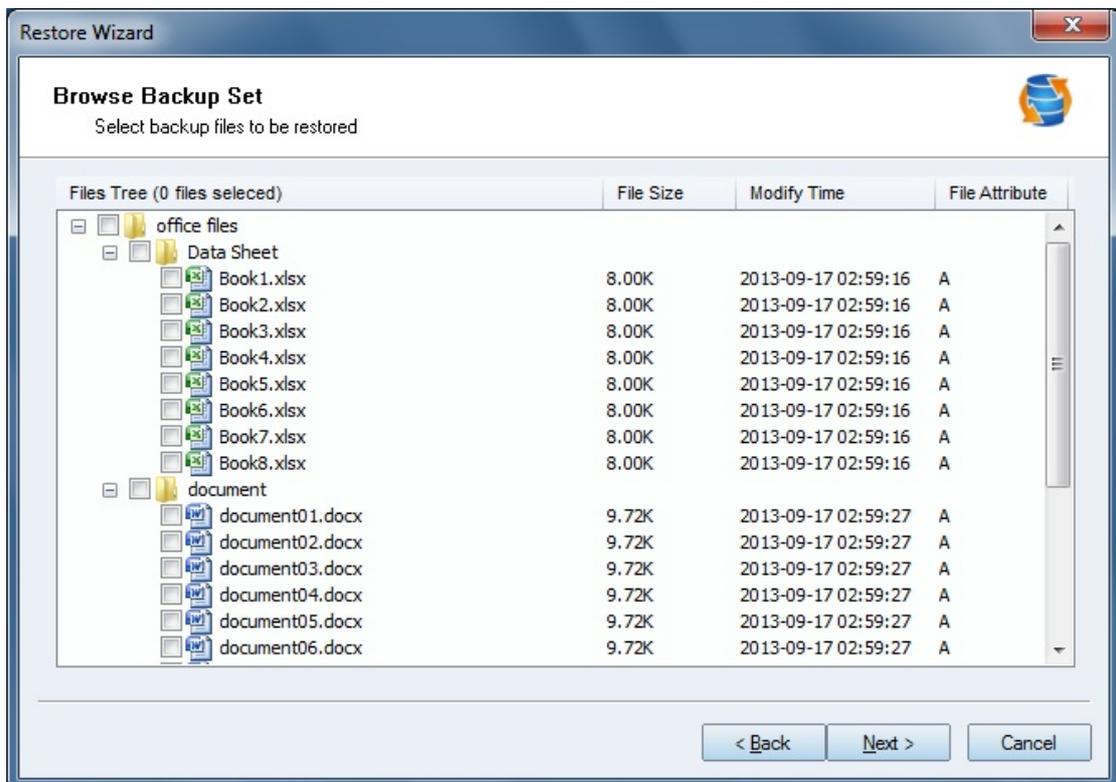
After the job was successfully created, you can check execution information of the job in **Job Monitor** tab.



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



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

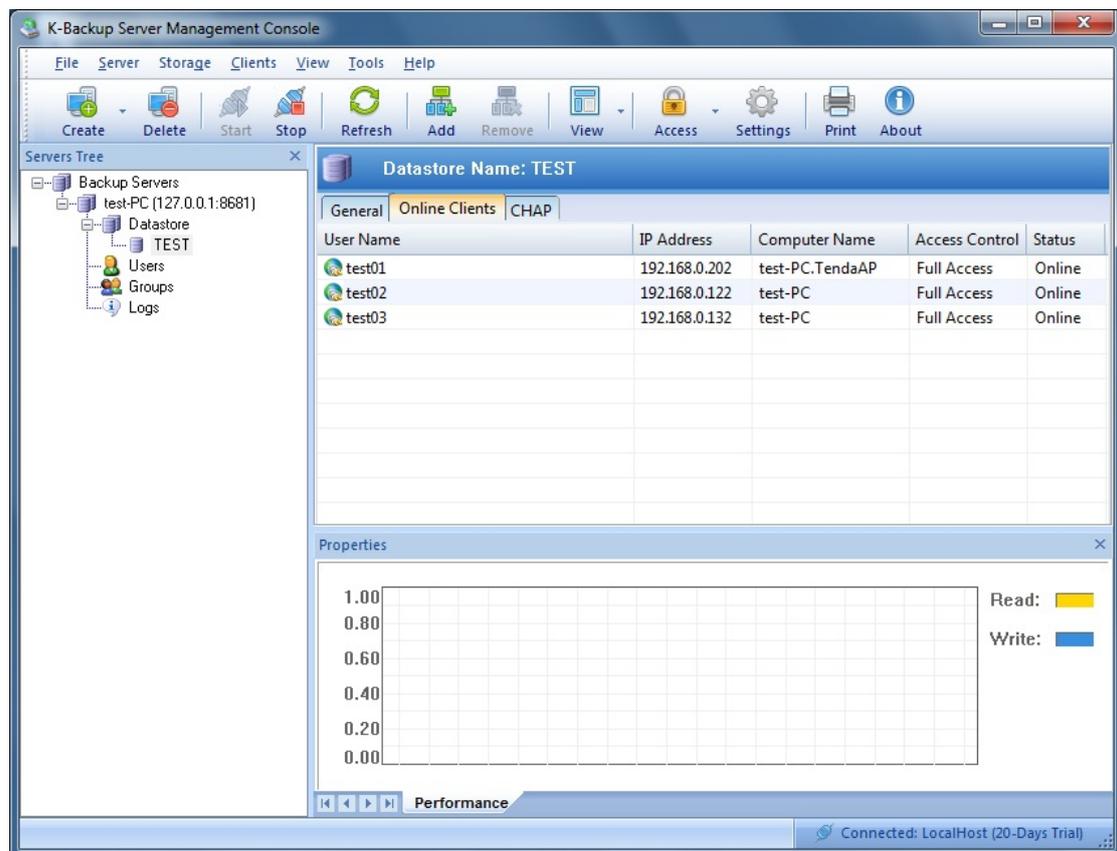


You can select separated files or click root directory to restore all files.

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

K-Backup Server provides a central and safe environment to store the important office files. Even though your local files have got lost, you can easily restore the files from K-Backup Server.

Administrators can check the user information on K-Backup Server after logging in from K-Backup.



K-Backup Server will create a separated Datastore for each client.

## Contact

Support: [support@kernsafe.com](mailto:support@kernsafe.com)

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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