

Thinware vBackup General Documentation

How to Configure Windows Tasks for Job Execution Windows 7 & Windows Server 2008

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Versions Supported:

0.2.3.*, 0.2.4.*

Details:

This document provides step-by-step instructions for configuring Task Scheduler in Windows 7 and Windows Server 2008 to execute vBackup jobs.

Solution:

Step 1: Create local user account for executing vBackup jobs

1) Open **Computer Management**

Click **Start**, right-click **Computer** and choose **Manage**

2) In **Computer Management**, expand **Local Users and Groups** and click **Users**

3) From the **Action** menu, choose **New User...**

4) Complete **New User** form as described below and click **Create**

- User name: vbackup

- Description: Local account for executing vBackup jobs

- Password never changes: Yes

5) A blank **New User** form is displayed, click **Close**

6) Select the **vbackup** user account and from the **Action** menu, choose **Properties**

7) On the **Member Of** tab, remove the **Users** group, add **Administrators** and click **OK**

Step 2: Create Windows Task(s) for executing vBackup jobs

1) Open **Tasks Scheduler**

Click **Start > All Programs > Accessories > System Tools > Task Scheduler**

2) In **Task Scheduler**, click **Task Scheduler Library**

3) From the **Action** menu choose **Create Task...**

- 4) On the **Create Task** form, complete the **General** tab as described below
 - Enter a unique name for the task (e.g. vBackup-[Machine Name]-[Job Name])
 - Set task to run under the user account created in step 1
 - Set task to **Run whether the user is logged in or not**
- 5) On the **Triggers** tab, add an **On a schedule**-based trigger per your requirements
- 6) On the **Actions** tab, add a **Start a program**-based action as described below
 - Set **Program/script** to path of vBackup executable (e.g. "C:\Program Files (x86)\Thinware\vBackup\vBackup.exe")
 - **Add arguments** based on the following:
 - To execute the default job for a virtual machine:
 - v [machine name] (e.g. -v vm01)
 - To execute a specific job for a virtual machine:
 - v [machine name] - [job name] (e.g. -v vm01 -j job01)
 - To execute the default job for a physical/powered-on machine:
 - p [machine name] (e.g. -p server01)
 - To execute a specific job for a physical/powered-on machine:
 - p [machine name] - [job name] (e.g. -p server01 -j job01)
- 7) Repeat step 2-6 as required to add additional jobs to be executed by this task
- 8) Click **OK** to close the **Create Task** form
- 9) Enter the password for the user account created in step 1 and click **OK**

Step 3: Test task to verify proper configuration

- 1) In **Task Scheduler**, select the task created in step 2
- 2) From the **Action** menu choose **Run**
 - * Note: Since the task is set to **Run whether the user is logged in or not** (see step 2.4 above) it will run in the background and will not display the vBackup console
- 3) Complete one or more of the following to verify successful completion
 - For virtual machines:
 - Open VMware vSphere Client and review the task history for the host

- * Note: There will be a **Create virtual machine snapshot** and a **Remove snapshot** task for the virtual machine each time a vBackup job is executed
- Review the vBackup log file for the job that was executed
- * Note: Log files for each virtual machine are stored in the **Backup Root** folder as specified in the job's configuration settings in vBackup
- Verify the backup exists
- * Note: Backups for each virtual machine are stored in the **Backup Root** folder as specified in the job's configuration settings in vBackup

For physical/powered-on machines:

- Open VMware Converter Standalone Client and review the job and task history
- * Note: The computer name/IP address in the **Source** column will match the physical/powered-on machine's **Name** as entered in vBackup
- Open VMware vSphere Client and review the task history for the replica host
- * Note: There will be a **Create virtual machine** and several **Find entity by UUID** and **Open remote disk for read/write** tasks each time a vBackup job is executed
- Review the vBackup log file for the job that was executed
- * Note: Log files for each physical/powered-on machine are stored in the **Log Location** folder as specified in the job's configuration settings in vBackup
- Verify the replica exists
- * Note: Replicas are created and registered on the **Host** and **Datastore** as specified in the job's configuration settings in vBackup