

HyperVBackup Readme

Overview

HyperV Simple Backup. Creates up to 4 dated backups of the HyperV VMs to a folder location (Removing the oldest). Uses this basic command: Get-VM | Export-VM

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HyperVBackup.ps1 v2024-06-08      Computer: [REDACTED] PSVer:5.1

Creates up to 4 live backups of the HyperV VMs on this machine (Removing the oldest).

Get-VM | Export-VM
VM Excludes: [REDACTED]

Will create:
Backup-2024-06-08_09-12

Will delete:

Will backup:
1: [REDACTED] [2.18 TB] [EXCLUDED]
2: [REDACTED] [5.16 TB] [EXCLUDED]
3: [REDACTED] 00 GB] [EXCLUDED]
4: [REDACTED]  MB]
5: [REDACTED] 4.97 GB]
Total Size: 85.20 GB
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Press any key to continue (Ctrl-C to abort)...
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RUN

The program will run nightly in Task Schedule

OR

Right-click the task in Task Scheduler and choose run (to run now)

OR

Right-click 'HyperV Backup.cmd' Run as Admin

SETUP

Copy Files

Copy these files to *C:\HyperVBackup*

The script puts the backups in a subdirectory of this folder.

Configure

HyperV Backup.ps1

The main program

HyperV Backup.cmd

Just an easy way to run the .ps1 as admin

HyperV Backup.xml

Configuration file (create on first launch)

BackupsFolder *D:\HyperVBackups* Location of your backups (will create folder)

BackupsToKeep 4 To adjust the number of backups

VMExcludes To exclude some named VMs from the backup

HyperV Backup (TaskSchedImport).xml Import this into Task Scheduler

Schedule

Open Task Scheduler and Import the .xml file. Adjust as needed

Run as user: you will see the program run interactively

Run whether logged on or not: won't see it run

In this case 'user account' can be SYSTEM

Restore

Hyper V Manager > Right-click VM host > Import

Select exported folder (not file) > choose the snapshot date and Import

More

Use FolderCopyWithPruning.ps1 to send some of these backups to offsite or cloud on a monthly basis