
Change ID Is Invalid

<https://campus.barracuda.com/doc/93198274/>

Either a Hyper-V Standard or a Hyper-V Rapid Recovery backup has the following warning:

The Change ID of ___ is invalid. Therefore, the differential/incremental changes made on the VM could not be calculated. Forcing a full backup.

This warning may appear repeatedly or it may occur once and be followed by a successful backup. If the former, please follow the resolution steps provided in this article.

Explanation

For pre-2016 Hyper-V backups, Intronis tracks changes to virtual machines using our changed-block tracking (CBT) driver, called VHDTTrack. When the change ID of a virtual machine becomes invalid, the CBT driver is unable to capture all the changes to that virtual machine's disks and must force a full backup to guarantee restorability.

Resolution

In most cases, the Backup Agent will force a full backup and the change ID warning will go away. If it does not, however, you can reset the CBT driver to force a full backup.

The steps outlined below will reset the CBT driver tracking changes on all virtual machines. After resetting the CBT driver, a full backup will be forced for all virtual machines, not just the one(s) giving the change ID warning.

Before undertaking this procedure, make sure there are no Hyper-V backups running.

1. Open an elevated command prompt and run the command:
`fltmc unload vhdtrack`
2. Expose hidden folders by going to **Control Panel** → **Folder Options** → **View** and checking the option for **Show hidden files, folders, and drives**.
3. Go to the volume(s) where your Hyper-V host's virtual machine files are and delete the folder named **\$VHDTrack\$Store\$**.
4. Reload the VHDTrack driver by running the command:
`fltmc load vhdtrack`

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