

## Hyper-V Rapid Recovery Overview

<https://campus.barracuda.com/doc/98210950/>

Hyper-V Rapid Recovery backup sets allow for much faster restore times than Hyper-V Standard backup sets.

Rapid Recovery backup sets can only be stored locally, unlike Hyper-V Standard backup sets.

Hyper-V Rapid Recovery backs up Hyper-V virtual machines frequently and restore quickly.

Hyper-V Rapid Recovery backups protect VMs in a reverse incremental manner. This method allows the most recent state (and the one most likely to be recovered in a disaster) to be recovered in the shortest amount of time. In addition, this method provides a more stable revision chain and requires no scheduled consolidation.

With changed block tracking and an improved recovery point objective, the rapid recovery backup set tracks changes on protected VMs efficiently. This efficiency allows you to schedule VM backups up to every 15 minutes. In case of a disaster, almost no data is lost because the most recent known good state is only a few minutes old.

The backup storage location is where all the backup data (fulls and incrementals) are stored locally.

Local Storage can be on the following:

- Directly attached storage location
- Network share
- Remote share
- Standard disk (512)
- 4K disk
- Sparse file

When backing up a VHD disk on a 4K disk, the backup data is converted to a VHDX format.

Temporary space of 1 GB is recommended for Hyper-V backups.

The agent must be installed on the Hyper-V host.

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