Running Block-Level Backup Verification

Block-level backup verification reads each block of data in a Backup Repository, makes a hash of each data block, and then compares the newly created hashes to the original ones that were created during the backup. If the hashes match, this means that data blocks in the Backup Repository are identical to the data blocks that were read on the source machines. This way the product verifies that backups are good and recoverable.

Refer to the following topics to learn more:

- Verifying Backups
  - Verifying all VM Backups
  - Verifying a Single Backup
- Stopping the Backup Verification Process
  - Stopping Backup Verification for a Backup Repository
  - Stopping Backup Verification for a Single Backup

Verifying Backups

**Important**
Before the backup verification begins, the Backup Repository is detached from the product to keep data in a consistent state. Backup jobs that write data to such a Backup Repository will fail while the backup verification process is in progress.

Verifying all VM Backups

To verify all VM backups in a repository, follow the steps below:

1. Click **Configuration** in the upper right corner of the product.
2. Go to the **Repositories** tab and choose a Backup Repository.
3. In the title of the Backup Repository, click **Manage** and then click **Verify all backups**.
4. In the dialog box that appears, click **Start**. The backup verification process is started.

**Verifying a Single Backup**

To verify a single VM backup in a repository, follow the steps below:

1. Click **Configuration** in the upper right corner of the product.
2. Go to the **Repositories** tab and click a backup repository to expand it.
3. In the title of a VM backup, click **Verify**.

This is applicable if the repository type is Incremental with full backups.

**Stopping the Backup Verification Process**

You can stop the backup verification process at any time (for example to run a recovery job, move your Backup Repository to a new location, or put your backup storage on maintenance).

**Stopping Backup Verification for a Backup Repository**

To stop the backup verification process, follow the steps below:

1. Click **Configuration** in the upper right corner of the product.
2. Go to the **Repositories** tab and choose a backup repository.
3. In the title of the backup repository, click **Manage** and then click **Stop backup verification**:

The backup verification process is stopped.

**Stopping Backup Verification for a Single Backup**
To stop the backup verification process, follow the steps below:

1. Click Configuration in the upper right corner of the product.
2. Go to the **Repositories** tab and click a backup repository to expand it.
3. In the title of a VM backup, click **Stop verifying**.