5.6.6 Disk Status Facts

The following table describes various disk and volume statuses that you might encounter in Disk Management:

Status	Description
Healthy or Online	The Healthy or Online status indicates that the disk is turned on and can be accessed. The volume on the disk is valid and has no errors.
Formatting	The Formatting status is shown for volumes during the formatting process. After formatting is complete, the status for the volume changes to Healthy.
Unallocated	The Unallocated status shows for portions of a disk that have not been assigned to a partition or a volume.
Initializing	The Initializing process shows while a disk is being converted from a basic disk to a dynamic disk. After the conversion, the status for the volume changes to Healthy.
No Media	The No Media status shows for an optical or removable media drive that does not contain a valid disc. This disk status only applies to CD-ROM, DVD-ROM, or removable disks.
Foreign	A Foreign disk is a dynamic disk that was created in one system and moved to another system. When you first add the disk to a different system, the partition information for the disk must be updated to reflect all dynamic disks in the current system. Import the disk to make it available in the new system.
Not Initialized Unknown	The Not Initialized or Unknown status indicates a disk without a valid master boot record or partition table (either missing or corrupt). To correct the problem, initialize the disk. If the partition table is invalid, use third party tools to try to recover the partition table.
Online (Errors)	The Online (Errors) status indicates that I/O errors have been detected on a dynamic disk. To correct the problem, try reactivating the disk.
Unavailable	The Unavailable status indicates that errors have occurred on physical or dynamic disks.
Unreadable	The Unreadable status indicates a hardware failure, I/O errors, or other corruption but might also be caused by a delay in reading the disk in Disk Management. Try rescanning the disk to see if the status changes. If it doesn't, troubleshoot the hardware or disk problem.
Missing Offline	The Missing or Offline statuses show when a dynamic disk has failed, been removed, or turned off. If the disk is turned off, turn it back on, then reactivate the disk. If the disk no longer exists, then delete the disk from Disk Management.
Failed	The Failed status shows for a volume that cannot be started, such as when the disk is damaged or the file system is corrupt. Make sure the disk is on and then try reactivating the volume. If that doesn't work, then you likely have data loss.