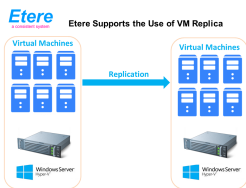


## Etere Supports the Use of VM Replica Without Expensive Hardware

Etere supports the use of Virtual Machines (VM) replication with its compatibility with Microsoft Hyper-V Replication, leading to greater cost savings and efficiency.



Etere logo



Etere supports Hyper V



Windows Server Hyper V



Etere Cloud Logo

Etere enables Virtual Machine replication without expensive hardware or complexity with its support for Microsoft Hyper-V Replication. Hyper-V Replication creates a copy of a live virtual machine to a replica offline virtual machine. This approach of replicating virtual machines from one Hyper-V host server to another ensures a consistent availability of the workload. Etere enables users to designate a specific location to store the virtual machine files for recovery via a SAN storage, SMB file server or a storage device that is directly attached.

### What is Microsoft Hyper-V Virtual Machine (VM) Replication?

It enhances your disaster recovery strategy by replicating virtual machines from one Hyper-V host server to another. In the process, a copy of a live virtual machine will be created to a replica offline virtual machine.

### Key Benefits

- HVR always maintains two distinct copies of the same virtual machine
- Higher efficiency with extremely fast deployment of new servers in minutes
- Cluster maintenance could be performed during the day without downtime
- Easy backup and recovery
- Storage Migration feature allows users to move the virtual storage of a running virtual machine from one VM storage repository to another

### Features

■ Supports standalone/clustered and mixed hosts with **Hyper-V hosts**: Replication over a WAN link is possible for primary and secondary host servers that are physically co-located or located in separate geographical locations. Hosts can be either standalone, clustered or a mixture of both types. The servers do not depend on Active Directory and do not need to be domain members.

■ **Replication and Change Tracking**: Once Hyper-V Replication is enabled for a virtual machine, an identical replica virtual machine will be created on a secondary host server. Thereafter, a log file will be created and updated based on changes captured on the virtual machine VHD. The log file will be played in reverse order to the replica VHD based on replication frequency settings. All changes are stored and replicated asynchronously.

■ Robust disaster recovery with **Extended (chained) replication**: This allows the replication of a virtual machine from a primary host to a secondary host and the subsequent replication of the secondary host to a third host. When an outage occurs, users can recover from both the primary and extended replica.

■ Planned or unplanned **Failover**: If an outage occurs in your primary or secondary location you can manually initiate a test, planned or unplanned failover.

■ Set **Recovery Points** for replication settings: Users can specify the recovery points that they want to store. Recovery points represent a timeframe from which users can recover a virtual machine. Users can access recovery points of up to 24 hours from the point of access.

■ Keep data updated with **near real-time VM replication** that copies data immediately as it is being written to the VM, providing a **close to exact copy of the VM in near real-time**.

■ **Point-in-time replication that occurs on a scheduled basis**. For example, the VM is replicated once every hour, users can either have it start automatically when the protected VM fails or start manually when it is turned on.

## About Etere

Etere was established in 1987 in Italy and it is amongst the worldwide leaders in Media Asset Management (MAM) and channel-in-a-box software solutions. Etere Media Enterprise Resource Planning (MERP) framework of scalable solutions are used by media enterprises across the end-to-end workflow. Etere MERP modular software including Media Asset Management (MAM), Airsales, Ad Insertion, Playout Automation, Broadcast Management System, HSM Archive, NRCS Newsroom, Broadcast Management System, Broadcast video over IP, IP Multiviewer and Live Censorship are built with an innovative architecture, offering the best flexibility and reliability in the market. Etere headquarters is in Singapore and it has a 24/7 support centre in Italy.

## About Virtual Machine (VM) Replication

VM replication is the process of duplicating the existing Virtual Machine. It is a form of Virtual Machine protection. Microsoft Hyper-V Replica tools for Windows Server allows users to create a virtualized computing environment where they can create and manage virtual machines. Multiple operating systems can run from a single PC, isolated from other operating systems. With this technology, users can improve the efficiency of computing resources and free up hardware resources. **Hyper V on Windows**

