**Vm Backup And Replication**

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[VM backup software](https://www.vpls.com/services/managed-enterprise-cloud/) always comes in handy for day to day VM management whenever we are operating on a fix and small budget or locked in a legacy backup contract. We have a number of reasons to prove why VM backup is the perfect solution. Some of which, are its ease of use, no need of power off and no complex configuration. Moreover, they are powerful that enables cloning, managing your VM and restoring individual application terms. VM offers fast, reliable and flexible recovery ofreplication into a single solution, data andvirtualized applications and unifying backup for Hyper –V and vSphere virtual environment. This company ensures that the products reduce downtime, increase the resistance of virtualized workloads and make sure that the system is available for service level agreement.

**Features OfVm Backup And Replication**

The first VM that were launched offered virtual infrastructure monitoring, documentation, reporting and analysis. There are several features of VM backup and replication. Some of which are listed below:

* Automated Recovery
* High Compression Ratios
* Agent-less Backup Utility
* End to End Encryption
* Instant File Level Recovery
* Notifications and Alerts
* VMware and Microsoft Hyper-V Support
* Instant Virtual Machine Recovery
* Incremental Backups
* Recovery Verification
* Microsoft Exchange
* Universal File Recovery
* Microsoft SQL
* Veeam Cloud Connect

**From Backup To Availability**

Veeam offers an effective and efficient VM backup, advanced VM replication functionality and flexible recovery. All this includes:

* Recovery of application items, VM’s and individual files
* Checking for automatic recovery and testing of every replica and every backup at the same time
* Disaster recovery with the help of fully integrated cloud based service along with safe and quick cloud backup with the help of a service provider
* Absolute no business interruption and disaster recovery with just one click failback and failover
* It helps 50x faster backup and replicas with the help of built in WAN acceleration
* It helps in transaction level restoring of SQL server databases and Oracle databases
* Built in compression and deduplication, unlimited scale out backup repository and direct storage access.

**Supported Environments**

The following environments are supported by Veeam backup and replication:

* Virtual Machines: Any file system, all OS’s supported by VMware and any application
* VMware Infrastructure Platforms: VMware vSphere 4.1- 6.0
* Software: vCloud Director 5.1-5.5 and vCentre Server 4.1-6.0
* Hosts: ESXi 6.0, ESX(i) 4.1 and ESXi 5.x

All the above discussion revolves around automated reporting and on demand reporting for VM backup and replication. Before any kind of issues have a considerable effect on operations, VM offers monitoring and reporting tools to alert us.Veeam enables us to manage the health of your virtual infrastructures as well as your backup that includes Microsoft Hyper-V environments and VMware vSphere along with troubleshoot performance.Veeam backup and replication integrates with Veeam ONE, Veeam end point backup and many more to avail real time monitoring and planning about capacity for backup infrastructure.

For more details about our services please click at <https://www.vpls.com>.

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