

Product Spotlight

Overcome the Data Protection Dilemma - Vembu



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Virtualization through hypervisors like VMware and Hyper-V have simplified the data protection and application recovery processes but they have not made it less expensive. Additionally most of these virtualization-specific data protection solutions are almost too myopic, ignoring physical machines all together. Finally, while many virtualization-specific backup solutions can move data to the cloud, few can leverage the cloud as a disaster recovery site. These solutions also tend to ignore the rise of software as a service (SaaS) offerings like Office 365 and G-Suite. As a result IT professionals are still left managing multiple backup solutions to completely protect their data.

The Data Protection Dilemma

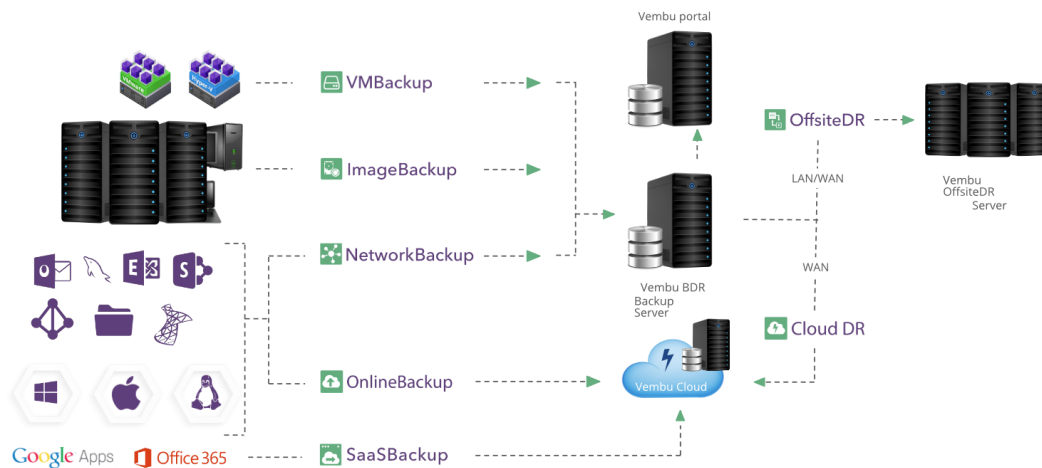
IT professionals are facing two data protection designs that create a data protection dilemma they must overcome. If they select a legacy application that protects their entire environment, they have to tolerate extremely high pricing and live with software that does not fully exploit the capabilities of modern environments like virtualization and the cloud.

On the other hand they can adopt new solutions from companies that focus on a particular area environment's data protection features but that are then limited to just that environment. These solutions often also have a relatively small customer base which means the solution has not been vetted as well as some of the legacy applications. Vembu is a next generation company that provides the capabilities of the new class of backup solutions while at the same time providing a completeness of platform coverage similar to legacy applications.

Introducing Vembu

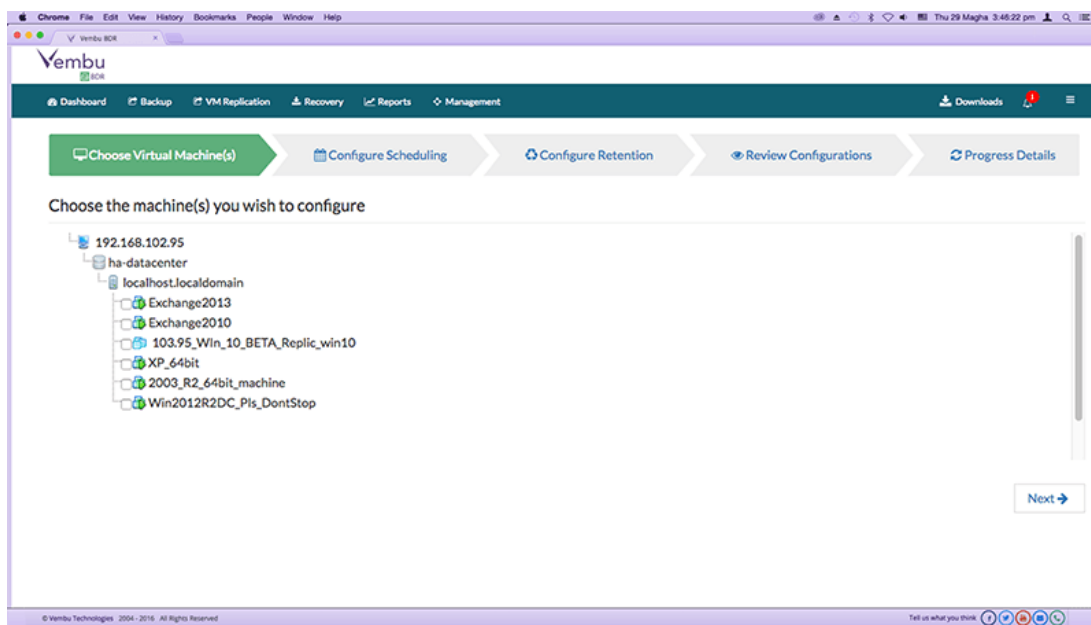
[Vembu](#) is a privately held company, founded in 2002. Their initial go-to market strategy was to engage service providers who then resold the solutions to their customers. Vembu delivered its solution as a "white-label" and allowed its service providers to re-brand the solution. As a result, Vembu is a company that you may have never heard of, despite the fact 60,000 business use its products.

[Vembu BDR](#) is a one-stop solution for all of an organization's backup and disaster recovery needs. The solution provides backup and replication for [VMware](#) and [Hyper-V](#), bare metal backup and recovery for physical windows servers and desktops. It can also protect applications like Exchange, SQL, Sharepoint, Active Directory, including the ability to restore individual items.



Vembu BDR Suite - Architecture

If you've started to move office productivity to the cloud, Vembu has support for SaaS environments like Microsoft Office 365 and Google G-Suite. It also has the ability to replicate data to an off-site of your choosing or into its cloud, Amazon or one of their service provider's cloud. All of these capabilities can be managed by a centralized portal.



Instant recovery is on our mind at Storage Switzerland, a "must-have" feature. It is the ability to recover an application on the device on which it was backed up. It can eliminate file transfers and thereby deliver sub-15 minute recovery time objectives. Vembu provides instant recovery not only for VMware and Hyper-V VMs, but also for physical machines. More importantly, it can recover to a variety of hypervisors including VMware, Hyper-V and Linux based hypervisors like KVM.

Administrators can program these instant recoveries to occur automatically every night, including sending a screenshot of the running VM. In other words, Vembu provides the ultimate in DR verification.

Vembu also has the ability to recover in cloud providers like Amazon. While recovery is a little slower since it has to transform the VMs – it is still quite fast.

Efficient Storage Management

The storage back-end can often kill a data protection process. Either software vendors count on expensive hardware to provide them quality storage management and data protection or they try to build it themselves allowing the customer to use commodity hardware. If the software vendor goes the route of providing data services then they need to make sure they provide complete capabilities like supporting both scale-up and scale-out, in-built version control, error correction as well as data efficiency techniques like compression and deduplication. Finally, they need to be able to secure data by encrypting it.

Vembu falls into the category of a solution that allows customers to use off-the-shelf storage hardware and provides a complete software feature compliment.

StorageSwiss Take

Vembu provides rich feature support of modern environments without leaving legacy environments out in the cold. It also is extremely complete in its coverage of operating systems, hypervisors and SaaS solutions. Finally it does all this at a price point that should be very attractive to its target small to medium sized business customers. Vembu deserves strong consideration for organizations looking to get more modern features without giving up support for legacy applications.

About Vembu

Vembu is a leading provider of a portfolio of software products and cloud services to small and medium businesses for more than a decade. Vembu's vision is to make software and cloud services very affordable for the hundreds of thousands of small and medium businesses worldwide. Since 2002, Vembu's industry-recognized data protection solutions have delivered tangible value to more than 60,000 businesses worldwide through a network of 4000+ partners (MSPs/VARs & Resellers). Visit Vembu at <https://www.vembu.com>



About Storage Switzerland

Storage Switzerland is an analyst firm focused on the virtualization and storage marketplace. For more information please visit our website storageswiss.com

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