veeam
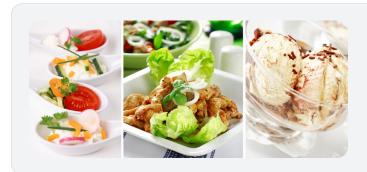
Food Services Company Shrinks Replication Window 12 hours with HyperIP and Veeam Backup & Replication

"Veeam Backup & Replication is a spectacular product, but when you add HyperIP, the WAN throughput is amazing."

— *Jarrid Crews*
IT Manager
Ovations Food Services

INDUSTRY:

Food services

COMPANY:

Ovations®
EVERYTHING'S FRESH!

Headquartered in Lutz, Florida, Ovations Food Services provides quality food and beverage services to public assembly facilities throughout the United States and Canada, including stadiums, arenas, convention centers, casinos and amphitheaters.

CHALLENGE:

Optimize and accelerate virtual machine replication over a WAN.

SOLUTION:

Veeam Backup & Replication and HyperIP for VMware

The Business Challenge

The entire server infrastructure at Ovations Food Services is virtualized, which includes three VMware hosts and 19 virtual machines (VMs). The IT department supports this infrastructure and approximately 650 users. The Ovations IT staff is interested in only implementing efficient and effective products that deliver measureable results, saving time, money and effort.

One of these products is the Veeam Essentials bundle, which enables IT Manager Jarrid Crews to manage and protect the entire VMware environment. "Veeam Essentials fits perfectly with VMware vSphere Essentials," he said. "I alone can manage an enterprise-class virtual infrastructure very cost-effectively."

The first product Jarrid deployed in the Veeam Essentials bundle was Veeam Backup & Replication™. "My data protection needs are straightforward," he explained. "I want to back up company data to a shared network folder on site and replicate data to a DR site in Philadelphia over a WAN. I want to complete these tasks quickly and easily."

Ovations Food Services replicates roughly 10 GB of data per day; however the replication process was taking up to 15 hours because of high latency and packet loss on the WAN. "It got to a point where I had to pick and choose what VMs to replicate because of time constraints," he said. "I knew it was time to find cost-effective, virtualization-ready WAN software that would work well with Veeam Backup & Replication, optimize and accelerate the replication process but not disrupt the remote DR hosts or require the host operators to manage any part of the process."

The NetEx and Veeam Solution

Jarrid downloaded HyperIP® for VMware from NetEx for a 30-day evaluation. HyperIP is a WAN optimization virtual appliance that moves large data sets securely, swiftly and seamlessly. It works with Veeam Backup & Replication to optimize and accelerate the replication process by minimizing the negative effects of network latency and packet loss.

"We saw an immediate improvement in replication speed, from 15 hours to 3 hours, without costly bandwidth upgrades," Jarrid said. "Each virtual server takes about 10

To learn more, visit: www.veeam.com

RESULTS:

- Improves replication speed by 80 percent
- Saves money, time and manpower
- Meets RTOs and RPOs

VEEAM TECHNOLOGY ALLIANCE PARTNER:

HyperIP
by neTeX

NetEx has provided high-end networking tools for more than 25 years to some of the world's largest and most sophisticated organizations. Today, NetEx focuses on virtual appliance-based WAN optimization software that is affordable and practical for solving WAN throughput issues for users, solution providers and IT service companies. NetEx's award-winning HyperIP WAN optimization virtual appliance is a VMware Ready solution, ideal for moving large data sets across WANs securely, swiftly and seamlessly. Patent-pending technology accelerates data replication and file transfers by aggregating multiple applications over a shared connection and mitigating network conditions that lead to poor application performance and throughput. HyperIP supports a full range of data management applications, including backup, replication and business continuance/disaster recovery (BC/DR). NetEx offers HyperIP for cloud infrastructures as a software-only configuration, enabling customers to quickly deploy the WAN acceleration software into their existing VMware infrastructures. The company is based in Minneapolis, Minnesota. For more information about NetEx, visit www.netex.com or call +1-763-694-4300.

---

to 15 minutes to replicate, which means I can replicate every server, every night. I no longer have to pick and choose what VMs to replicate, and I can add extra VMs with no worries because Veeam and HyperIP are scalable and flexible."

Jarrid said Veeam Backup & Replication and HyperIP work perfectly together. "Replication is absolutely fluid with this combination of products. It's also important to note that what convinced me to purchase HyperIP was the fantastic customer support. One hour after I installed the software, NetEx's customer support team contacted me to check on my progress, so I asked them to walk me through the configuration process to save time, which they did, making it effortless for me. Veeam Backup & Replication works so well that I haven't needed customer support, which says a lot about that product too."

The Results

Improves replication speed by 80 percent

Before Ovations Food Services implemented NetEx's HyperIP WAN optimization virtual appliance, it took 15 hours to replicate 10 GB of data from the main data center in Florida to the DR site in Pennsylvania because of WAN issues. When the IT Department deployed HyperIP in conjunction with Veeam Backup & Replication, replication speed increased by 80 percent, so now the process only takes 3 hours.

Saves money, time and manpower

If the IT Department at Ovations Food Services hadn't virtualized its physical servers, the backup and replication process would have taken days to complete. In addition, the company would have spent approximately $60,000 to purchase duplicate hardware for the DR site. "If you look at this over several years, the monetary savings is almost incalculable," Jarrid said. "But the time savings is just as important because now I'm able to focus my attention on other parts of the network. I don't have to worry about the replication process because Veeam and HyperIP have it under control, and the solution will scale as we grow."

Meets RTOs and RPOs

Since HyperIP and Veeam Backup & Replication reduced the replication window, the IT Department at Ovations Food Services is able to meet recovery time objectives (RTOs) because Jarrid can failover to the DR site and restore a VM in minutes. He can also meet recovery point objectives (RPOs) because Veeam Backup & Replication offers multiple restore points. "This is a reliable, cost-effective solution that facilitates business continuity," he said.

Veeam Backup & Replication is just one of the tools in the Veeam Essentials bundle that provides enterprise-class capabilities. The bundle also enables reporting and chargeback, change management, capacity planning and performance monitoring and alerting.

About Veeam Software

Veeam Software, an Elite VMware Technology Alliance Partner, develops innovative software to manage VMware vSphere. Veeam vPower™ provides advanced Virtualization-Powered Data Protection™ and is the underlying technology in Veeam Backup & Replication™, the #1 virtualization backup solution. Veeam ONE™ provides a single solution to optimize the performance, configuration and utilization of VMware environments and includes: Veeam Reporter™ for VMware capacity planning, change management, and reporting and chargeback; Veeam Business View™ for VMware business service management and categorization; and a choice of VMware monitoring options including the nworks Management Pack™ for VMware management in Microsoft System Center, the nworks Smart Plug-in™ for VMware management in HP Operations Manager, and Veeam Monitor™ for framework-independent VMware monitoring.

Veeam

To learn more, visit: www.veeam.com

vmware PARTNER
TECHNOLOGY ALLIANCE

Microsoft GOLD CERTIFIED
Partner

HP Software
Gold Business Partner
hp invent

DELL PartnerDirect
Certified ISV