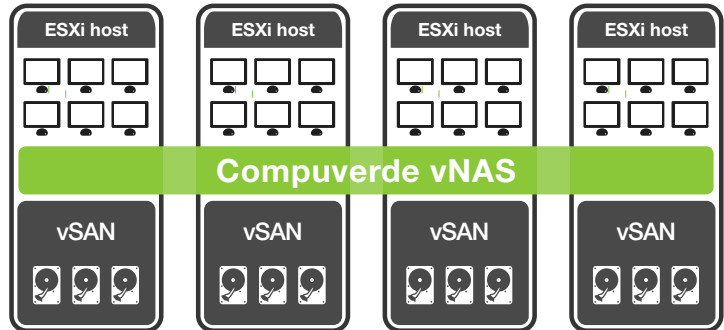
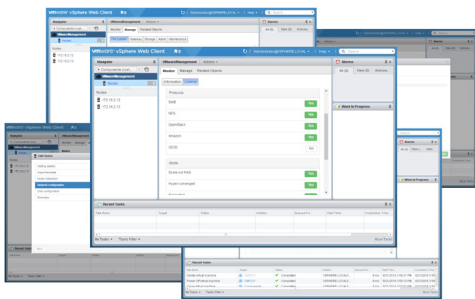


Compuverde File Services for vSAN

Solution Brief

Compuverde delivers an enterprise-class file system with features, levels of performance and compatibility that no other SDS solution can match.

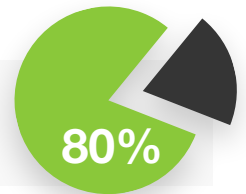


Compuverde provides virtual file system to the VMware vSAN storage. Fully scalable to accommodate for future storage needs, Compuverde scales in full unison with VMware vSAN.

Compuverde utilizes existing resources, infrastructure and storage, with no additional hardware requirements, allowing customers to achieve TCO savings of up to 60%.

With the Compuverde Management Plugin, you can manage the file services provided by Compuverde: file systems, shares and access protocols. You get real-time information about the storage and the nodes. The plugin is installed on the vCenter Server to simplify the installation, maintenance and upgrade operations. The plugin is merely a management interface designed for ease of use, but the Compuverde nodes remain









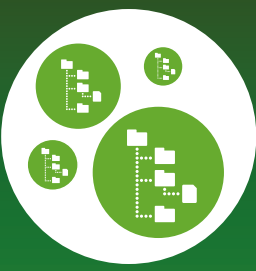


Analysts, including Gartner and IDC, predict that as much as 80 percent of all data is unstructured.



operational and can be accessed even outside the plugin.

A Compuverde cluster will automatically capture and store logs of important system events. These logs can later be used for troubleshooting.

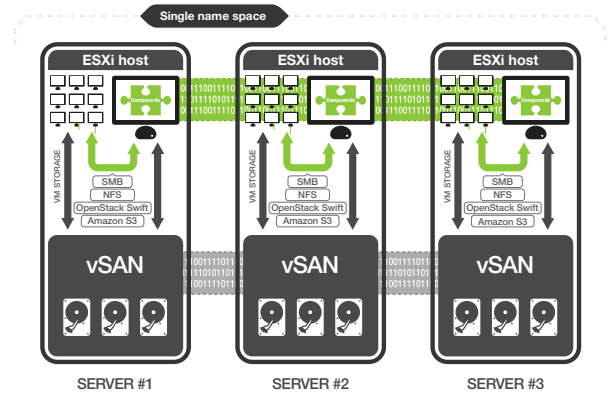
The state of the components in the Compuverde system is monitored and alarm notifications are sent if errors or other important events should occur. Email alarm notifications can be sent out to the system administrators for easy monitoring after configuration.

Protocol Support  SMB 1 / 2.1 / 3.1.1 NFS 3 / 4.0 / 4.1 cross protocol access	Disaster Recovery 		
File Policies  Tier  Snapshots  Quota  Encryption  WORM  Retention	Multitenancy 	Authentication  Active Directory LDAP Kerberos KDC NIS Local database	Antivirus  Integration

Architecture

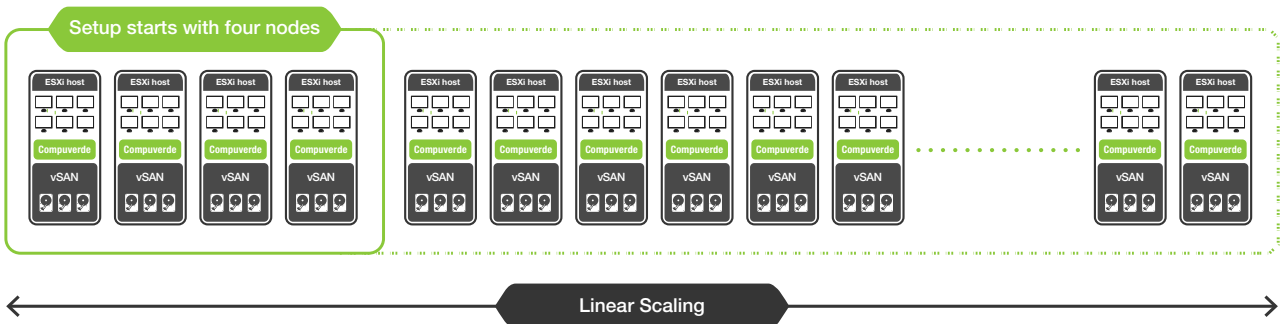
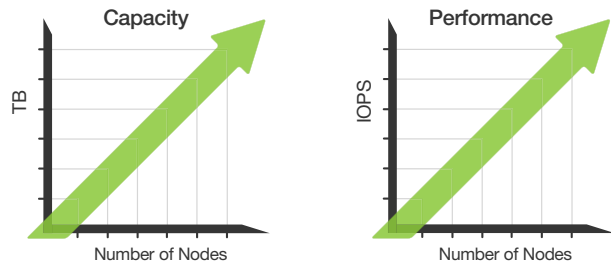
For each ESXi host, one virtual machine is installed with the Compuverde software. All Compuverde VMs communicate internally to provide a unified file system that spans all the nodes, situated on the vSAN Datastore. The file system becomes accessible through any of the nodes. The Compuverde VMs are connected through up to four network interfaces:

- **Public** network, for the Guest VMs to access the virtual file system
- **Private** network, for synchronization between the nodes
- **Management** network, for the Management Plugin to communicate with the storage
- **Antivirus** network, for connection to antivirus servers



Scaling

The Compuverde solution scales linearly, and it scales in full unison with VMware vSAN.



Benefits

Support for multiple workloads, zero data loss tolerance for block, file and object protocols.

Solution: Compuverde vNAS File Services.

“...I will for the first time in ten years have the infrastructure I planned for ten years ago.”

Senior Solution Designer, Siemens

- ✓ **Unified storage solution**
- ✓ **Ease of use**
- ✓ **Easy to maintain**
- ✓ **Integrated in VMware vCenter**
- ✓ **Scale-out architecture**
Scales in unison with VMware vSAN
- ✓ **No additional hardware**
- ✓ **No single point of failure**



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