



Technical FAQ

NetApp StorageGRID Adapter for Symantec Enterprise Vault

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1 General Questions

What are the advantages of using StorageGRID for Enterprise Vault storage?

Answer: NetApp StorageGRID provides a single container capable of multiple petabytes and billions of objects for use a Enterprise Vault storage partitions.

- Ease of Management
- Data integrity \ protection
- Global availability \ Resilience

Where do I download the NetApp StorageGRID EV Adapter?

Answer: It is available from the NetApp support site

What are the licensing requirements?

Answer: The NetApp StorageGRID EV Adapter is available to all licensed StorageGRID customers and requires no additional licenses

Where do I get support?

Answer: Joint support from NetApp and Symantec

2 Technical Questions

Are there any special configurations required in StoragGRID to support EV?

Answer: No, the NetApp StorageGRID EV Adapter is installed on each Enterprise Vault server and translates all storage requests.

Can I have multiple independent EV instances writing into a single Grid?

Yes. The distributed nature of StorageGRID makes installing nodes at various physical customer locations a logical choice. Customers may choose to install EV at these sites and archive to the local StorageGRID Gateway node. Wether the customer creates a singl EV directory for their entire enterprise with multiple sites or completely independent EV instances every object will be assigned a unique object ID referenced in the EV database as StoreID. In the event the local gateway becomes unavailable EV can access data from another site.

Are there any special considerations for disaster recovery?

Answer: DR planning is simplified as storage replication is managed by the Grid and accessible at all times. The EV administrator will need to protect and replicate the EV databases and Indexes. After a restore of the databases and installation of the EV servers the storage partitions are pointed to an available gateway node.

What happens if StorageGRID runs out space?

Answer: Configurable alerts will notify IT staff when the Grid is running low on disk space. If the Grid were to run out of space no new items would be archived until additional storage was made available.

EV Best practices say you should store no more than 2 billion objects in a partition for performance. How can I monitor object count?

Answer: Execute a SQL statement to count the objects in the Vault Store

- Example SQL query:
`use VaultStoreDatabase`
`select count (SavesetIdentity) from dbo.Saveset`

Does Enterprise Vault support Single Instance Storage with StorageGRID?

Answer: Yes - EV Single Instance Storage is supported.

References

The following references were used in this FAQ:

- [Symantec Enterprise Vault 10 SQL Best Practice Guide](#)

Version History

As an option, use the NetApp Table style to create a Version History table. Do not add a table number or caption.

Version	Date	Document Version History
Version 1.0	April 2013	Initial Release

Refer to the [Interoperability Matrix Tool \(IMT\)](#) on the NetApp Support site to validate that the exact product and feature versions described in this document are supported for your specific environment. The NetApp IMT defines the product components and versions that can be used to construct configurations that are supported by NetApp. Specific results depend on each customer's installation in accordance with published specifications.

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