Peel CAS
RFP: RFP 2022-12-001
Storage Area Network (SAN) Refresh

Date: December 20, 2022

Response to Supplier Queries1

Question: What is the speed of the current SAN switches?
Response: We are using FC (Fiber Channel) to connect the current SAN to the backup server. So we are not using SAN switches.

Question: What is the quantity of available SAN switch ports?
Response: Answer Same as above.

Question: Which backup applications is currently used?
Response: Quest Rapid Recovery

Question: Is this storage mainly for backup repository, for main production, or both?
Response: This storage is mainly for backup repository.

Question: If this is for backup repository, please indicate:
                a.   Daily change rate (%)?
Response: less than 1%

                b.   Retention Scheme:
                Long Term?
                Short Term?
Response:

Retention Policy

ℹ   See the article How rollup retains recovery points for more details.

Keep all recovery points for   [1]   [Days ∨] ⋯

☑ …and then keep one recovery point per hour for   [4]   [Days ∨]   ⋯

☑ …and then keep one recovery point per day for   [7]   [Days ∨]   ⋯

☑ …and then keep one recovery point per week for   [2]   [Weeks ∨]   ⋯

☑ …and then keep one recovery point per month for   [1]   [Months ∨]   ⋯

☐ …and then keep one recovery point per year for   [1]   [Years ∨]

Question: Does the current consumption of 15TB include both production data and backup data?
Response: Only backup data.

Question: Do you have cloud presence at the moment?
Response: Currently, we do not have cloud presence for Enterprise Backup.

Question: Cloud provider preference?
Response: From Quest Rapid Recovery manual, it works with the following cloud providers

Cloud Accounts

Cloud Type
Amazon S3
Google Cloud
Microsoft Azure Resource Management Archive and Repository
Powered by OpenStack

Question: What is your organizations retention policy?
Response:

Retention Policy

ⓘ See the article How rollup retains recovery points for more details.

Keep all recovery points for [1] [Days ▾] ⋯

☑ ...and then keep one recovery point per hour for [4] [Days ▾] ⋯

☑ ...and then keep one recovery point per day for [7] [Days ▾] ⋯

☑ ...and then keep one recovery point per week for [2] [Weeks ▾] ⋯

☑ ...and then keep one recovery point per month for [1] [Months ▾] ⋯

☐ ...and then keep one recovery point per year for [1] [Years ▾]

Question: What is the estimated yearly growth percentage?
Response: 5%

Question: Are you using compression?
Response: YES

Question: Are you using deduplication?

Response: YES

Question: Are you currently using encryption?

Response: YES

Question: Is there an interest in replicating at the storage level?

Response: YES

Question: What is the current DR strategy?

Response: There are two BUR servers (Quest Rapid Recovery) in the company. One is at Capston office (primary site). One is at West Drive office (DR site).The data is sync from primary to DR using Rapid Recovery built in sync feature.

Question: Are you 100% virtualized? Please specify how many VMs and standalone servers.

Response: No.
VMs: 29
Standalone Servers: 15

Question: For Standalone servers, please indicate which Operating System - OS?

Response: Windows Server 2012 to 2019

Question: VMware or Hyper-V?

Response: 2 VMware Servers(Avaya IPO Phone System)

Others are Hyper-V

Question: What is the inter-site bandwidth?

Response: 100M Bell MPLS IPVPN

Question: What is the speed of the servers right now? 4gb Fiber Channel?

Response: YES, 4GB Fiber Channel.

Question: Are you okay at the current servers speed or upgrading as well? Connectivity standpoint

Response: Yes.

Question: Are we providing the server connectivity into the proposal?

Response: Yes

Question: What is the speed of your existing SAN switches?

Response: We are using FC (Fiber Channel) to connect the current SAN to the backup server. So we are not using SAN switches.

Question: What is the Backup Application and if backup application refresh is in scope or not?

Response: Quest Rapid Recovery. The backup application refresh is not in scope.

Question: Anything else connected to these arrays besides backup?

Response: Currently, only backup server is connected to these arrays.

Question: Please confirm if BUR is running on physical server and provide technical details of the BUR server CPU /RAM/FC/HBA etc./Network?

Response: BUR is running on physical server.
Intel 2.4GB(2 CPU, 32 Cores)/ 32GB/ 8GB FC/ PERC H730 mini/Gigabit ethernet cards

Question: Please confirm HP 3par replication is not being used to synchronize data to DR location

Response: We use Rapid Recovery built-in Sync feature to synchronize data to DR location.

Question: What Enterprise backup solution is being used?

Response: This question has been responded in one of the previous responses.

Question: What Fiber Channel switching do you currently have? Speed?

Response: This question has been responded in one of the previous responses.

Question: Do you already have backup servers?

Response: This question has been responded in one of the previous responses.