1. In reference to section 5.2.2 - What is the data site to disaster site latency RTT (Round trip Time) in milliseconds?

   Average response time is 3ms.

2. In reference to section 5.2.2 - What is the data site to disaster site bandwidth?

   10Gb decaMAN

3. In reference to section 5.2.2 – Do stretched VLANs need to encompass both data site and disaster site?

   Yes, we need to know if the solution presented is able to support VMware stretched clusters for the VSAN storage.

4. In reference to section 5.2.2 – Stretched clusters almost always require a “Witness Site”. What is the witness site to data site / disaster site latency round trip time in milliseconds?

   Average response time is 3ms.

5. In reference to section 5.2.2 – VMware VSAN is specific to the ESXi hypervisor. Is there a specific use case or requirement that is driving this specification for Hyper-V support?

   UTSW has an existing VMware environment for its production virtual server support. At the same time, we would like to know if a given solution supports other hypervisors in addition to VMware.

6. Please describe your current vSphere infrastructure.

   A. Server Model and Firmware revision
B. Memory and CPU configuration  
C. vSphere version  
D. Server Network Connectivity

The data point that should be in consideration for a VSAN connection to our existing environment, would be the vSphere version only. We currently utilize vSphere ESX 6 (6.0.0 – 4192238) and vSphere vCenter 6.0 Update 2.

7. Please describe your resource requirements for the virtual machines which will run on the VSAN storage nodes.
   A. # of VMs  
   B. Average # of vCPUs per VM or total number of vCPUs required  
   C. Desire vCPU to core ration  
   D. Average Amount of RAM per VM or Total RAM required

We do not have a defined resource requirement, as each VM will have an independent requirement based on the hosted application/service.

8. Should VSAN be sized for RAID 1 failure protection of RAID 5/6 failure protection?

Where a given device provides for distinct RAID levels within a given node, we would request that the vendor provide a matrix of performance/capacity based on the distinct RAID levels available to said node.

9. The stated capacity requirements are 20TB of useable capacity per node with 60TB useable for the entire VSAN cluster. Please confirm if this is the requirement for USEABLE capacity or RAW capacity.

Usable capacity is the requirement.

10. If the requirement is truly Useable Capacity, is there an assumed level of deduplication/compression?

Usable space with no assumption for dedupe or compressions providing that level of said usable space on the node.