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Questions and Answers on the EVA 440 system

Q1. What's the most compelling reason to consider the EVA4400?

A1. The EVA4400 is the best in class solution to consider when you need storage that's easy to use, reliable and available at an affordable price and with room to add more capacity or more services. The EVA4400's virtualized storage architecture is what makes it easy to manage with simple configuration, automated capacity management and self-tuning performance.

Q2. Is there an EVA4400 that comes with an embedded switch?

A2. Yes, HP offers an EVA4400 model that includes one embedded 8Gb/s, 10-port switch per controller, for a total of two switches per configuration with a total of 20 SAN ports, which can be connected to Hosts or to other FC devices. These switches can be integrated with existing StorageWorks B-series fabrics.

Q3. How does the EVA4400 compare to other EVA models?

A3. The EVA4400 offers more capacity and better performance than the EVA4100. The EVA4400 is also unique compared to other EVA models in that it includes HP SmartStart for EVA, a robust tool that installs and configures the EVA. With this tool, the EVA4400 can be installed by the customer if he/she chooses. If the customer prefers, HP Services offers optional Installation and Startup services too.

Q4. Does the EVA4400 support the EVA software products like Command View and Business Copy?

A4. Yes, the EVA4400 supports all of the standard EVA software products including Command View EVA, Business Copy EVA, Continuous Access EVA, Replication Solutions Manager and Dynamic Capacity Management software. In addition, the EVA4400 includes a new software component known as HP SmartStart for EVA Storage that aids in the setup and installation of the array.

Q5. Is the EVA4400 a dual-controller product?

A5. Yes, the EVA4400 is a dual-controller product where both controllers are housed in a single controller enclosure. This unique design minimizes required rack space.

Q6. What capacity can the EVA4400 be configured to?

A6. The EVA4400 can support any combination of existing high performance drives and the 1 TB low cost FATA drives. The array can support up to 96 drives for a total of 43.2 TB's when configured with all 450 GB 15K rpm drives or 96 TB's when configured with all 1 TB FATA drives.

Q7. Can the EVA4400 be used in the same SAN as my existing EVA's and connect to the same hosts and same clusters?

A7. Yes, The EVA4400 can exist in a SAN supporting both 2Gb and/or 4Gb and/or 8Gb. The new EVAs will negotiate to the speed of the connection, up to 4Gb with the FC-only model or up to 8Gb with the embedded 8Gb FC switch. 1Gb is not supported directly connected to the 4Gb EVA but may exist elsewhere in the SAN.

Q8. Does the EVA4400 offer support for the EVA options like iSCSI Connectivity, IP Distance Gateway, EVA File Services, VLS EVA Gateway?

A8. The EVA4400 supports the EVA iSCSI Connectivity Gateway, EVA File Services, the VLS EVA Gateway and the IP Distance Gateway.

Q9. Does the EVA4400 with embedded switch have switch options like other Brocade switches?

A9. Yes. Options available for the Brocade 8/16 switch - Trunking, Extended Fabric, Fabric Watch, Advanced Performance Monitoring and Adaptive Networking - are also available for the EVA4400 with embedded switch.