Flash Storage Arrays

When to use what?

I have needs for:
- Real-Time Analytics
- OLTP Databases

All-Flash Storage Array

May be your best choice.

I am interested in balancing performance, capacity, and cost.

Hybrid Flash Storage Array

May be your best choice.

I have needs for:
- General Purpose Storage
- Server Virtualization
- VDI

Traditional disk-based storage is low cost but has high latency, low IOPS and uses more energy and rackspace as capacity grows.

A hybrid flash system that mixes flash with low cost disks is ideal for most enterprise workloads.

What is the deal with Flash?

Flash is dramatically faster and uses less energy and space than traditional disk-based storage and is perfect for those applications that require performance. However disk-based storage isn’t going away just yet, and it’s still great for those applications where low-cost and high capacity trumps performance.

What is the deal with latency?

really important when you need fast reliable performance.

The Cost Difference?

It really depends on what your workload is.

Key Tips

- Understand your workloads.
- Monitor actual ongoing performance characteristics.
- As you approach a “tipping point” consider the next level of storage.
- Don’t count out all-flash because it is expensive (if it’s the right solution, it’s the right solution).
- Consider working with a vendor that can step you into what you need.
- Consider working with a vendor that does not force you into an all-flash or hybrid solution.

With IntelliFlash you can go all-flash or hybrid flash: Get the best of both worlds.

Compromise Nothing.