



IBM FlashSystem™

Eliminates storage bottlenecks so critical applications work faster & scale further.

IBM understands Your Concerns

- Are your users complaining about performance? Is performance limiting your business goals?
- How busy are your CPUs?
- How do you measure performance? How are you increasing performance?
- Are you worried about license costs, rack-space, or power consumption?
- What performance levels will you need in a year?

Top Applications (SQL, Oracle, Any Database) that Run Faster on IBM FlashSystem™

- Transactional (OLTP) database applications: financial, gaming, real-time billing, eCommerce, CRM/SFA systems, real-time monitoring, source code management, document and content management, email servers.
- Analytical (OLAP) database applications: business intelligence, batch processing, periodic reporting, cubes, ERP systems, ETL operations.
- Virtualized infrastructure: VDI, consolidated virtual servers, user profiles.
- HPC/computational applications: simulations, modeling, rendering, filesystem metadata, scratch space, checkpoints.
- Cloud-scale infrastructure: on-demand computing, content distribution network Web servers.

Top Benefits With IBM FlashSystem™

- Place 1 Petabyte on 1 floor tile (50x 20TB 820)
- 570 thousand database IO/s per second per unit (scales linearly i.e. 4x Flashsystems = 2.28 million IOP's)
- 85% Reduction in batch processing times
- 50% Reduction in Software Licenses
- 75% Reduction in footprint;
- 80% Reduction in Energy Usage

Macro Efficiency: With IBM MicroLatency™ :

- Facilitates the data path that will accelerate critical applications and achieve a true market-based competitive advantage
- Faster decision making - Increase revenue - Accelerate cost savings - Eliminate wait time
- Scale performance with capacity

Top Reasons Why IBM FlashSystem™ is the Leader

- Extreme performance with up to 570,000 IOPS and 5GB/s bandwidth
- MicroLatency™ performance with 100 μs (read) and 25 μs (write).
- Macro efficiency with low power (400 watts) and footprint (1u).
- First to the flash market with Texas Memory Systems for 25 years

First / Next Steps

- Run AWR report – Identifies IO wait cycles
- IBM can from that data craft a performance improvement report
- Client DBA can run this report
- Schedule Deeper Briefing

