

Maximize Resource Utilization with ASE Cluster Edition

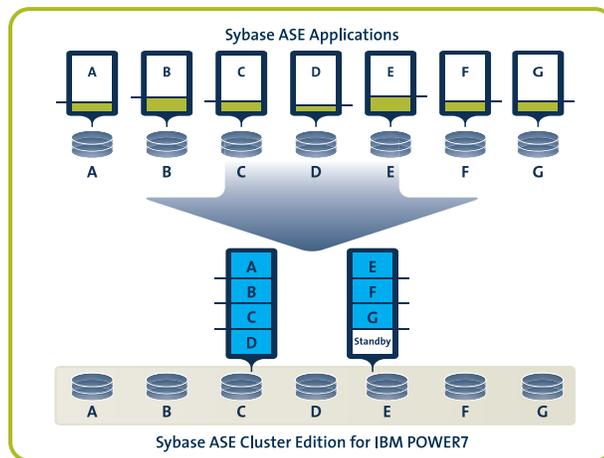
Server Consolidation with ASE Cluster Edition for IBM POWER7™



SOLUTION SUMMARY

INTRODUCTION

Enterprise IT departments are using consolidation to improve the costs of supporting underutilized servers. Servers running at utilization rates that are 10 percent to 20 percent of capacity have contributed to server sprawl, with subsequently higher hardware and software licensing costs, increased power and cooling requirements, and greater dependence on specialized systems maintenance. Many IT data centers have reached their limits in terms of floor space, staffing, and budget.



Consolidating Sybase ASE Workloads with Sybase ASE Cluster Edition for IBM POWER7 with High Availability

BENEFITS

- Reduce infrastructure costs through consolidation and higher utilization
- Increase system capacity without increasing physical space or energy requirements
- Accelerate consolidation with expert services

Sybase ASE Cluster Edition for IBM POWER7 introduces important new capabilities to reduce costs and improve the flexibility of consolidating and managing Sybase ASE workloads:

- Increases manageability and predictability of service levels, using sophisticated virtual workload management built into Sybase ASE Cluster Edition and processor and resource virtualization enabled by IBM PowerVM™
- Leverages the performance, flexibility and resilience of POWER7-based systems to enable clients to consolidate and dramatically decrease infrastructure and operations costs
- Accelerates migration and consolidation to Sybase ASE Cluster Edition for IBM POWER7 through expert migration services provided by IBM, Sybase, and joint business partners sponsored through the IBM Migration Factory

INCREASED MANAGEABILITY AND PREDICTABLE SERVICE LEVELS

Sophisticated virtual workload management is built into Sybase ASE Cluster Edition for IBM POWER7 and can be easily tailored for each deployment to maximize flexibility and availability. Configuration is simple, flexible, and powerful.

Administrators can reassign computing resources, change load balancing strategies and alter failover rules on the fly, without reconfiguring and re-architecting the physical cluster. This gives IT departments the flexibility to quickly modify each application's level of service to match business changes.

REDUCED INFRASTRUCTURE AND TOTAL COST OF OWNERSHIP

IBM POWER7 delivers more performance per core and outstanding energy efficiency; enabling users to get four to five times the system capacity in the same physical space while consuming the same amount of energy.

Not only does the solution reduce total cost of ownership on its own, but it is also eligible for several IBM financial incentives that further increase the value to the client.¹

ACCELERATED MIGRATION AND CONSOLIDATION

IBM and Sybase provide an end-to-end solution for clients wanting to migrate Sybase ASE from older, less efficient platforms to Sybase ASE Cluster Edition for IBM POWER7. Sybase and IBM offer a structured migration and consolidation methodology to help expedite the process and yield immediate cost savings.

This joint solution from Sybase and IBM is supported by the IBM Power Rewards program and IBM Migration Factory. IBM Power Rewards reward points can be redeemed for high value IBM migration expertise, services, products, education, and improved financing rates from IBM Global Financing for clients moving workloads to Power Systems™.

IBM Migration Factory sponsors migration services delivered by IBM or IBM Business Partners that free up IT staff for mission-critical projects and transfer basic skills to your organization.

CONTACT YOUR SYBASE TEAM FOR A PROOF OF CONCEPT

A Proof of Concept for Sybase ASE Cluster Edition for IBM POWER7 can validate the specific benefits you can expect by demonstrating functionality and performance characteristics on IBM POWER7-based systems. The Proof of Concept involves assessing your current requirements, architecture and business processes, identifying the best technologies, platforms and technical recommendations, and demonstrating an implementation of ASE Cluster Edition for IBM POWER7 that proves the value of a potential solution. To request a POC send an email to clusterbriefing@sybase.com

FOR MORE INFORMATION

To learn more about the Sybase ASE Cluster Edition for IBM POWER7 visit www.sybase.com/clusters or www.sybase.com/ibm.

¹ IBM financial incentives vary by country or geography. For specific details, contact your IBM representative.