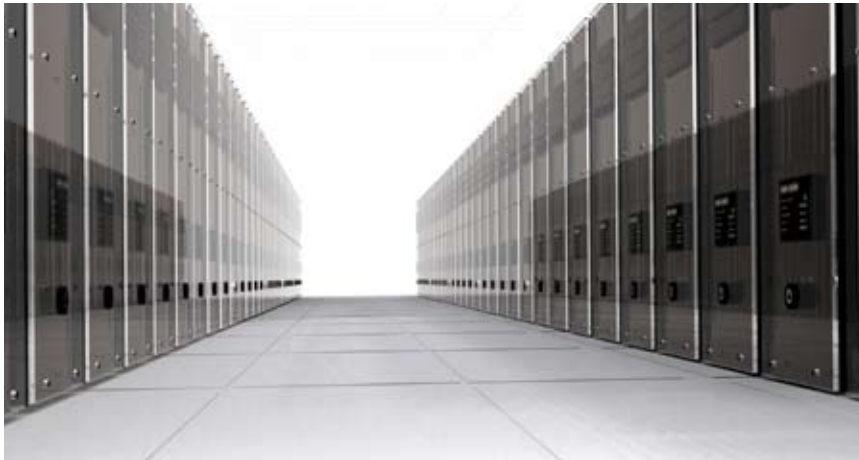


IT Systems Performance and Power Evaluation

Building your IT Investment within your current data center infrastructure



Offering Highlights

This IBM study includes the IBM IT Systems Rationalization Study but with the added power component. It will determine what steps need to be taken to maintain or reduce power levels of your current data centers and still increase IT performance up to 30% annually by performing the following:

- ***Investigate and analyze all client's platforms: UNIX, x86, Storage, mainframe, and System i environments***
- ***Examine the power profile of all server and storage equipment to develop total data center power levels***
- ***Develops cross platform or platform-specific technical solutions and business cases for optimization***

■ ***Investigate overall health of the power and cooling infrastructure/redundancy and its support of business continuity/disaster recovery***

■ ***Outline the steps required to achieve immediate goals, and helps prepare you to take your business to the next level and still maintain or reduce data center power levels***

■ ***Typically completed in 6 - 10 weeks***

■ ***Conducted by experienced IT infrastructure consultants and power engineers***

■ ***Attractively priced offering***

Entering the on demand Era

The promise of e-business on demand is that companies or institutions can respond dynamically to a host of business challenges or opportunities when they arise. It is about being able to provide products and services "on demand" in real-time; adapt cost structures and business processes to help reduce risk and drive business performance; and optimize the supporting IT infrastructures to cut costs, improve agility and boost overall productivity.

An on demand business requires a supporting IT infrastructure that can respond dynamically to almost any imaginable change, repel threats and never go offline. In short, the infrastructure must provide a flexible and resilient on demand operating environment that can help drive the creation of new business and deliver new capabilities.

Realizing the Vision

One of the first steps in building a true on demand IT infrastructure roadmap and to do that within the current power constraints of your data centers is to understand the current IT environment and its applications, functions, databases, current data flows and power dissipation of the individual pieces of IT equipment.

This will help develop a more balanced Corporate IT infrastructure that will support these evolving on demand business strategies and still be within the data center power constraints.

The next step is to identify and outline strategic projects that can generate tactical IT infrastructure optimization recommendations. This may help lower costs, reduce complexity, enable flexibility, improve overall service levels and stabilize data center power drawn by all the IT equipment.

Savings achieved from such projects can then be reinvested and applied toward other on demand strategic transformation and enablement activities that will help drive a more balanced flexible and manageable IT infrastructure. Power demand savings enable the IT operations team to refocus on supporting business needs instead of spiraling electric costs and outgrowing existing data centers.

This is the process that IBM can help trigger with a rapid, initial analysis and the development of a sound/reasonable business case for consolidation, integration and transformation.

Offering Description and Value

This offering is in parallel with the IBM IT Systems Rationalization Study but with the added power component. The IBM IT Systems Rationalization Study represents the latest break-through method of analyzing and optimizing the Corporate IT infrastructure by providing a quality outline assessment, power profile and credible business cases with superb speed of delivery.

The overall approach involves working one-on-one with customers to develop a unique and balanced

plan to successfully optimize IT resources and help reach business goals with less risk, reduced Total Cost of Ownership, greater efficiency, and keeping the power levels of the IT equipment within the power constraints for the data centers.

The Project

The rapid "time-boxed" engagement, encompassing analysis, validation, solutions, power profile, and business case development is normally scheduled to complete in an elapsed time frame of 6 - 10 weeks which may include up to 5 days of on-site collaboration between IBM and the client.

Typical Project Tasks

1. *Project scope/resources/core dates agreed upon*
2. *Baseline server, facilities, and cost data collection/estimation*
3. *Onsite working sessions and interviews*
4. *Outline technical solution areas and business cases*
5. *Develop recommendations and final presentation*
6. *Deliver final recommendations via presentation*

Project Prerequisites

These engagements require a client CIO and CTO executive as a sponsor, and client project driver to initiate and facilitate the process.

For More Information

To find out more about the IBM IT Systems Rationalization Study and this study on IBM IT Systems Performance and Power Evaluation and other related products and services, contact IBM Data Center Services at datactr@us.ibm.com.



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