IBM

Server Optimisation

Value through reduced IT costs, improved service levels and increased flexibility

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Highlights

- **Provides a flexible and responsive IT infrastructure**

- **Reduces IT architecture complexity through consolidation and standardisation**

- **Improves operational efficiencies and resource utilisation with a managed environment**

- **Conserves energy with energy-efficient data centres**

- **Adjusts rapidly to changing business needs**

- **Shifts resources automatically to meet demand and scale for growth**

- **Enhances and simplifies systems management and reduces cost**

- **Increases the value of revenue-generating services**

- **Improves application performance and availability**

- **Increases access to critical business information and processes.**

Challenges companies face

- ***Change*** – *Rapidly changing and unpredictable workloads make it difficult to meet the service levels expected by users*
- ***Complexity*** – *Heterogeneous resources, organisational silos and composite applications supporting business processes have created inflexible infrastructures*
- ***Budgets*** – *Labour costs are spiralling.*

For many companies, server infrastructures are becoming increasingly complex to manage and costs are spiralling. IBM Server Optimisation services can help you create a cost effective, scalable, flexible and resilient server infrastructure to support business applications using industry-leading practices based on IBM experience and intellectual capital.

Server Optimisation comprises three elements:

1) Physical Server Consolidation

Physical Server Consolidation is about simplifying and optimising existing end-to-end infrastructures (including servers, storage, databases, applications, networks and systems management processes) with the goal of reducing costs and complexities, as well as providing a more rational, stable foundation for growth and new solution deployment.

This fixed price offering for assessing, designing, developing, testing and implementing consolidation strategies is designed to help you improve operational efficiency while continuing to offer optimal services to your customers.
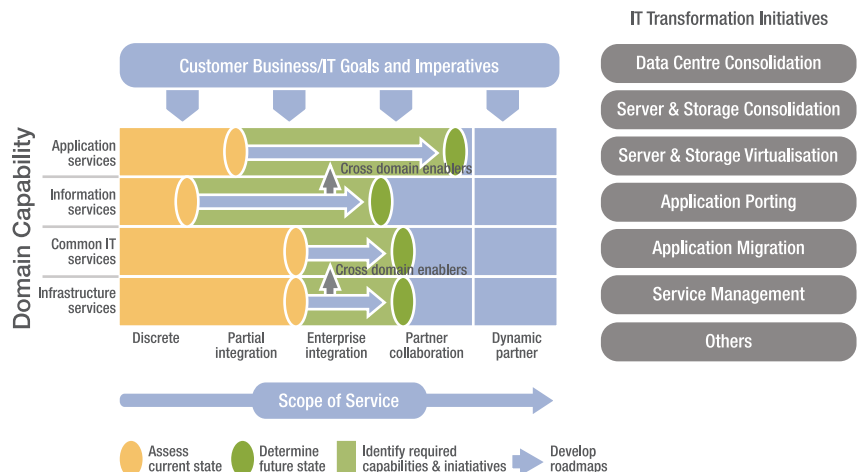
Benefits

Server Consolidation provides a modular approach for transparency and flexibility that enables:

- *Reduced hardware, maintenance and support costs*
- *Reduced data centre facility costs*
- *Access to industry best practices to define a future state server environment*
- *Decreased server and services downtime through IBM High Availability technology.*

2) Server Virtualisation

Server Virtualisation is a technique for deploying technologies that provides a single simulated view of complex underlying physical entities. It involves presenting IT resources in ways that users and applications can easily get value out of them, rather than presenting them in a way dictated by their implementation, geographic location or physical packaging. So virtualisation provides a logical rather than physical view of data, computing power, storage capacity, and other resources.

IBM has an extensive portfolio of virtualisation solutions which can help build a resilient infrastructure optimised for cost-effectiveness, simplified management and flexibility.

Benefits

Our team of virtualisation specialists can help you to:

- *Implement a single user interface for virtually all applications*
- *Improve IT asset utilisation*
- *Generate an available and resilient infrastructure*
- *Enable rapid responses to changing business requirements*
- *Employ virtualisation and system management technologies to increase flexibility and responsiveness.*

3) Migration

IBM provides planning, migration and upgrade services for your server environment. This is designed to be performed onsite at your business premises.

Migration services are ideal if you need to adapt quickly and effectively to mergers, internal re-organisation, downsizing and business strategy changes. IBM can provide the project management, experience, methodology and tools to migrate or consolidate your servers and applications.

We specialise in three key areas of migration:

- *Migration to AIX Platforms*
- *Legacy migration – migration of platform, applications, databases and data from a legacy to an IBM environment*
- *Migration for Oracle Financials and SAP to AIX.*

Benefits

With access to our in-depth technical skills and resources, IBM can help you to:

- *Reduce the Total Cost of Ownership (TCO) of your IT environment*
- *Protect your investment while streamlining management of servers*
- *Increase system and network performance, reliability and availability*
- *Maintain competitiveness*
- *Minimise disruption to your business*
- *Reduce the risks of application migration.*

How we get you there

Server Optimisation is a set of transformation projects identified through an IBM methodology. It combines technology and service products in the context of a unifying architecture to lower the cost and improve the efficiency and flexibility of the IT Infrastructure.

The Server Optimisation Methodology is a repeatable, proven approach to building a customer-specific IT Transformation Roadmap.

For more information

Please contact your IBM Representative, IBM Business Partner, or visit:
ibm.com/services/uk

The IBM home page can be found at **ibm.com**

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