

Checklist for a smooth sailing server implementation

Support services for your new IBM hardware



Ensure a smooth sailing operation

You've made wise decisions about your new IBM hardware, but do you really have what it takes to maximize the power of your new technology? The complexities can take the wind out of your sails, and you can't afford to make mistakes. High-performance servers can be a challenge to implement, operate and maintain. For smooth sailing, you need highly-skilled, available support from a trusted resource.

Take control of your new technology

Successful organizations know how to leverage technology to create operational efficiencies and get the best returns. A well-implemented solution can help reduce costs, improve productivity, streamline business processes and enable better collaboration. Here are a few key considerations to help you take control of your IT environment and maximize the capabilities of your new server:

You decided to purchase a new server to help you:

- Make, distribute and sell more products and services
- Process more transactions
- Communicate better with employees, customers and suppliers
- Run new software
- Reduce downtime
- Improve customer satisfaction
- Be more productive

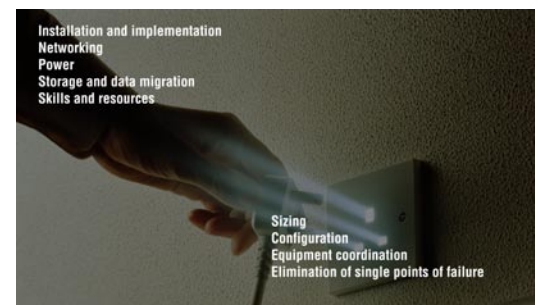
- Do you have available technical skills and resources to install, configure and maintain your new server?
- How will your new server affect the rest of your IT infrastructure?
- Do you need to modify your network, power supply, or storage system?
- Will you need to migrate data and applications to the new server?

Do you have it under control?

- ◆ You're installing new servers, and you need to be up and running fast and problem-free. Your in-house resources are stretched. How can you be sure the implementation is quick, successful, and secure, and that you are maximizing the power of your new technology?
- ◆ Your infrastructure is growing out of control, so you've decided to consolidate servers. Do you have a roadmap for migrating data and applications from the old to the new servers, and for ensuring that the data transfer is accurate, secure, timely, and complete?
- ◆ Power is the heartbeat of your operation. Without it you're virtually inoperable. How do you minimize risk and ensure you're protected when a power failure or brownout does occur?
- ◆ Your organization is growing through mergers and acquisitions. You need to integrate multivendor and multiplatform networks into a common infrastructure. How will you maintain consistent, continuous business operations, and ensure that critical applications are accessible on the new server?

Checklist for a smooth sailing server implementation

- Secure technical skills to plan, install and configure hardware, software and operating system
- Assess requirements for space, layout, cabling, heating, cooling, 24x7 system availability
- Prepare implementation and testing plan
- Check current maintenance coverage and establish a warranty and maintenance service contract
- Secure technical expertise to plan and deploy rapid migration of applications and data, with minimal disruption
- Ensure performance and optimization of the network
- Establish backup processes to protect data during the transfer
- Assess storage capacity and hardware environment refreshes
- Check capacity needs and power requirements, accounting for sizing, configuration, equipment coordination and elimination of single points of failure
- Develop a power plan to support current requirements and future needs
- Establish competencies to manage risk: power failure/sag/surge, brownout, electrical line noise, high voltage spike, frequency variation, switching transient, harmonic distortion, fire suppression, floor load supports, air flow/cooling
- Secure specialized skills and resources to support a multivendor, multiplatform network integration and installation
- Establish network policy and procedure compliance with federal regulations
- Determine network backup and availability needs for applications and processes running the new servers
- Establish plan for mobile workforce to connect remotely to the network



PROCESS MORE TRANSACTIONS

Make and distribute more products

IMPROVE COMMUNICATIONS

Run new software

Manage your customer service systems more smoothly

REDUCE DOWN TIME

Be more productive

Services to support your new hardware

IBM offers the support services you need to help you take full advantage of your IT environment—leverage the benefits of your new technology quickly, protect your investment and enhance the performance and optimization of your new hardware. Whether you are installing a single server or a complex, multiplatform configuration, we know exactly what it takes to get you up and running quickly, with little disruption to your operations.

IBM helped a financial institution take control of their server environment, resulting in improved performance, data security, and cost reduction

Challenge Consolidate server infrastructure to reduce costs, avoid additional expenses and increase infrastructure efficiency, security and utilization.

Solution IBM technical resources provided a structured methodology to address near term and strategic business, technology, process and governance needs at the right price.

Results The client was able to leverage the advanced function technology and reduce total cost of ownership of their server and storage environment. IBM server services helped reduce complexity, optimize performance and enhance infrastructure adaptability.

- **Server services**

Planning, configuration, migration and skills transfer during the implementation of new servers. For BladeCenter, System i™, System p™, System x™, and System z™ and operating systems including AIX®, IBM i5/OS®, Linux® and Microsoft®.

- **Storage and data services**

Non-disruptive implementation and data migration from one or many systems or storage devices to another. On-site professionals can help you plan, configure, test and validate that solution requisites are met. For TotalStorage DS8000™, DR550™, N Series and DS4000™.

- **Site and facilities services**

Power and environment protection services range from a single uninterruptible power supply to integrating multivendor power solutions. Services include power reliability and redundancy consulting, data center design and engineering, power and environmental systems commissioning, capacity planning and analysis, systems integration and installation, start-to-finish project management and warranties.

- **Integrated business communications services**

End-to-end network integration services to assist you with the deployment of reliable, standards based network infrastructures. This solution is designed for large-scale, complex network upgrades, mergers, expansions or new implementations involving cabling, routers, switches, servers, and other networking equipment.

Let IBM help you take control and benefit from your new purchase faster:

- ✓ Implement your server quickly and hassle-free with experienced professionals
- ✓ Speed the adoption of new servers, optimize performance and technology
- ✓ Simplify IT support and enhance flexibility to focus resources on other assignments
- ✓ Minimize disruptions, resolve problems quickly and keep systems running during a failure or outage
- ✓ Improve communication, productivity, efficiency, security and time to value from IT investments

Put your mind at ease

IBM regionally deployed technical sellers are backed by a dedicated team of experienced architects, consultants and IT specialists who will help you get optimal performance from your IT environment. With IBM to assist you with system implementation, networking, data migration, power protection, cabling and more, you can also realize a faster return on your investment.

Take back control of your operations by maximizing the effectiveness of your new server and reducing total cost of ownership. You need to be prepared for changes resulting from relocation, mergers, acquisitions, right-sizing, new applications and platform shifts. IBM can help you get up and running with little disruption, so you can adapt and respond quickly. Our comprehensive solutions are designed to improve your productivity with multivendor hardware, software and networking environments, with a track record of success.

For more information

To learn more about these support services or IBM Global Services, contact your IBM sales representative, or visit:

ibm.com/services/hardwareservices



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