

IBM Business Partners

IBM Systems Lab Services collaborates closely with IBM Business Partners, helping them progress sales and accelerate the adoption of IBM Systems and Storage. Lab Services' mission is to engage with, complement and advance the skills of IBM Business Partners, not replace or compete with them.

Working with Lab Services gives IBM Business Partners and their clients direct access to our most experienced IBM consultants. Lab Services typically provides short-term, onsite professional services engagements in pre-sale or post-sale phases of an engagement.

IBM Business Partners can leverage Lab Services' infrastructure expertise to grow sales and compete for more complex opportunities, invest and expand in advanced skills for various new technologies, extend their business scope, and reduce the risk of working with new technologies while retaining control of their client relationships.



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For more information:

IBM Systems Lab Services is available at: ibmsls@us.ibm.com or online at ibm.com/it-infrastructure/services/lab-services

IBM Business Partners, visit: ibm.com/partnerworld/labservices



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IBM Systems Lab Services Power Systems

Infrastructure
expertise for
hybrid cloud and
enterprise IT

IBM Systems Lab Services offers infrastructure services to help you build hybrid cloud and enterprise IT. From servers and mainframes to storage systems and software, Lab Services helps you deploy the building blocks of a next-generation IT infrastructure that empowers your business.

Servers

Deploy the flexible, resilient and secure compute servers that form the architectural backbone for hybrid cloud and enterprise IT infrastructure

Storage

Transform your business with a comprehensive storage solution that simplifies containerization, management and modern data protection

Software

Maximize the value of your infrastructure with multi-platform software and operating systems that accelerate your workloads and simplify administration

Our Lab Services consultants perform infrastructure services for clients on site, offering deep technical expertise, valuable tools and successful methodologies. Our services are designed to help clients solve business challenges, gain new skills and apply best practices.

Lab Services offers a wide range of infrastructure services for IBM Power Systems™, IBM Z® and IBM LinuxONE™, and IBM Storage. Lab Services has a global presence and can deploy experienced consultants around the world.



Power Systems

IBM Systems Lab Services offers infrastructure services to help you build the foundation for today's hybrid cloud and enterprise IT data centers. With IBM Power Systems and software, including AIX®, IBM i, Linux, PowerVM®, PowerVC and PowerHA®, IBM Lab Services helps you deploy the building blocks of a next-generation IT infrastructure that empowers your business.

Lab Services consultants perform infrastructure services for clients on site, offering deep technical expertise, valuable tools and successful methodologies. Lab Services promotes best practices and addresses complex infrastructure challenges helping clients solve business challenges, gain new skills and apply best practices.

Lab Services Power Systems specialties include:

Hybrid Cloud

We help businesses design and build a hybrid cloud infrastructure based on a foundation of PowerVM and PowerVC virtualization. We help clients implement PowerVC as a foundation for flexible private cloud management services for Power Systems, storage and networking. We also provide services for integrating with cloud management and orchestration platforms, including Red Hat OpenShift Container Platform. We provide services for clients who want to migrate to IBM Cloud® using Power Virtual Servers for AIX, IBM i and SAP HANA.

SAP HANA

We help clients build and optimize their SAP HANA landscape with Linux on Power Systems deployed with a tailored data center infrastructure strategy. We advise clients on design options for flexible virtualization and capacity management to ensure their server, storage and networking resources meet business requirements and SAP KPIs. We advise clients on prerequisites, tools and best practices for data migration from any traditional database (Oracle, Db2®, Sybase) as well as from legacy SAP HANA on x86 to SAP HANA on IBM Power Systems. Our experienced migration experts help clients deliver more successful SAP HANA projects.

Virtualization and Automated Operations

We help businesses deliver enterprise scale virtualization and automated operations. Our PowerVM virtualization services include the PowerVM Provisioning Toolkit that automates and accelerates building virtualized systems frames for POWER9™ migration and disaster recovery, a PowerVM Live Partition Mobility Automation Tool that simplifies and improves business controls for live migrations, and firmware and software maintenance of servers with high volumes of partitions. We help clients automate their operations for AIX, IBM i and Linux servers using Ansible. Our PowerDraw tool helps clients visualize, document and explore system virtualization design.

Service Resiliency

We help clients assess and improve their high-availability, resiliency and IT service management capabilities, practices and procedures based on IBM operations management and resiliency software. Our implementation services practices include PowerHA and VM Recovery Manager solutions and leveraging IBM Storage software including IBM MetroMirror, GlobalMirror and FlashCopy®.

Security

We help clients assess security and compliance practices and procedures across multiple operating systems, identifying any exposures, recommending the adoption of best practices and, if necessary, advising on or performing remediation. Our consultants advise clients on their security and compliance procedures and practices with software including PowerSC.

Accelerating POWER9 Migration

We help clients migrate faster between generations of Power servers with enterprise scale provisioning and live migration automation tools. Our POWER9 server migration services include POWER9 Migration Planning to develop a transition plan for new technologies, POWER9 Migration Validation with an onsite pre-production readiness review to validate migration best practices and performance, and POWER9 Migration Automation services with tools and skills transfer to accelerate provisioning and migration efficiency.

Big Data and Analytics

We help businesses build open infrastructure for big data analytics, including for Hadoop and Spark with IBM Spectrum® Scale storage solutions. In addition, we provide advisory services for securely integrating structured operational data held on systems of record with analytics and reporting on systems of engagement such as Cognos® and IBM Db2 Web Query solutions.

Platform and Database Migration/Optimization

We help clients plan and assess server and workload migrations to IBM platforms from legacy environments including Solaris, HP-UX, Linux and x86 servers. We also help clients with Oracle, Informix, Sybase and Db2 databases migrate to IBM platforms with minimal downtime and reduced risk.

We help clients running Oracle database solutions on Power, with options for performance optimization and optimal workload placement for license cost management. We advise clients on design options for open-source databases for deployment of new applications or Oracle database replacement. We also monitor and assess the performance and efficiency of application and database environments on Power Systems, recommending and implementing best practices for optimal performance on AIX and IBM i across a full solution stack of Db2 and Oracle databases, server, storage and virtualization environments.

AI and Machine Learning

We help businesses rapidly deploy a fully optimized and supported cognitive infrastructure platform for enterprise AI. We help clients deploy and optimize training performance for AI solutions with the IBM Watson® Studio and Watson Machine Learning platform, which includes the most popular open frameworks and their dependencies, and is built for simple and rapid deployment.

High Performance Computing

We help clients build Power Systems scale-out clusters for accelerated high performance computing (HPC) applications, including planning; integrating; and verifying compute, storage, network, software and workload requirements. We also implement and optimize IBM Spectrum Computing's policy-driven resource management solutions and parallel file systems for HPC.

Lab Services is on your side

Infrastructure expertise to help you build the foundation for today's hybrid cloud and enterprise IT data centers.

IBM Systems Lab Services helps you deploy the building blocks of a next-generation IT infrastructure that empowers your business.

- Solve business challenges
- Gain new skills
- Apply best practices

Contact us today to see how Lab Services can help you transform your business.



900 experts around the world



Work performed in 163 countries



9,000+ client engagements annually



World-class NPS scores