IBM Systems

Lab Services

Proven expertise to help leaders design, build, and deliver IT infrastructure for the cognitive era
IBM® Systems Lab Services has the proven expertise to help leaders design, build, and deliver IT infrastructure for the cognitive era. We help clients design for a cognitive business, build with collaborative innovation, and deliver through a cloud platform.

Lab Services consultants’ proven expertise derives from a combination of business and extensive practical technical experience, leveraging proven tools and methodologies. Our Lab Services consultants perform IT Infrastructure services for clients on site, helping them solve business challenges, gain new skills, and discover best practices. Lab Services has a global presence and can deploy its consultants in any region as required.

Lab Services is uniquely positioned to help IBM clients through the lifecycle of designing, building, and delivering IT infrastructure for the cognitive era. We offer a wide range of IT infrastructure services for IBM Power Systems™, IBM Z® and IBM LinuxONE® systems, and IBM Storage and Software Defined Infrastructure.
IT infrastructure for the cognitive era

Your IT infrastructure works. But it can do more. Your servers and storage are no longer inanimate. They can understand, reason, and learn. Today, they can think. That lets you capitalize on business opportunities while averting IT issues. IBM Systems Lab Services helps you go beyond infrastructure.

Design for cognitive business

Designing for cognitive business means generating insights derived from complex analytics and machine learning while those insights are still meaningful. Lab Services helps clients with analytics acceleration and data-centric infrastructure design for cognitive solutions. Lab Services cognitive business services capabilities include advising clients on analytics infrastructure combining servers, flash, software defined storage, and workload management.

Build with collaborative innovation

Building with collaborative innovation means embracing open architectures, ecosystems, and choice that deliver new solutions to market faster. Lab Services helps clients choose what services should run where with a choice of open delivery platforms, runtimes and deployment models to optimize their business services. Lab Services open architecture capabilities include services for Linux on Power® and LinuxONE platforms, KVM virtualization, and expertise on a range of open-source databases and solutions.

Deliver through a cloud platform

Delivering though a cloud platform means extending existing infrastructure investments by providing controlled access to business assets and running business services at scale. Lab Services can help clients design, build, and deliver cloud platforms that support secure business services at scale. Lab Services cloud capabilities include design for optimal workload placement and security, building for flexible server and storage provisioning, and best delivery practices for management and orchestration.
**Systems Consulting**

Lab Services Systems Consulting is a team of experienced management consultants that uses a combination of proven expertise, tools, and methodologies to develop business-aligned IT strategies and implementation plans to guide clients in transforming their enterprise IT infrastructure. Lab Services Systems Consulting can:

- Define IT implications to support future business expectations
- Build a cloud transformation strategy
- Optimize for high availability and IT service management
- Design enterprise-wide analytics strategies
- Align strategic IT plans with business goals
- Plan and coordinate between enterprise strategy and projects
- Plan for operational efficiency and maximizing consistency

**Power Systems**

Lab Services Power Systems is an experienced group of technical consultants with proven expertise to help clients with designing, building, and delivering Power Systems infrastructure for Linux, AIX®, and IBM i solutions. Lab Services Power Systems consultants can:

- Design and deliver hybrid cloud with PowerVC and OpenStack
- Provision and automate PowerVM® and KVM virtualization
- Build big data infrastructure for analytics
- Build scale-out clusters for high performance computing applications
- Design and optimize performance for DB2® for IBM i
- Design and deliver high availability with PowerHA®
- Plan and deliver successful migrations with Migration Factory
- Build tailored data center infrastructure for SAP HANA
- Assess security and compliance for Linux, AIX, and IBM i
- Accelerate deployment of enterprise infrastructure with Power to Cloud Rewards
Storage and Software Defined Infrastructure

Lab Services Storage and Software Defined Infrastructure is a team of expert consultants with proven expertise on all aspects of designing and building storage and software defined infrastructure systems. Lab Services consultants have skills in storage infrastructure, object storage, IBM Spectrum Storage™ Management, and IBM Spectrum™ Computing for intelligent workloads and policy-driven resource scheduling. Lab Services storage consultants can:

- Develop a storage strategy for a modern, agile and optimized infrastructure
- Build flash storage solutions for scalability and efficiency
- Deliver cloud with IBM Cloud Object Storage System™ and IBM Spectrum Scale™
- Design hybrid storage options with DS8000®, XIV®, and V7000
- Manage storage at scale for big data with IBM Spectrum Suite
- Virtualize for storage efficiency with IBM Spectrum Virtualize™

IBM Z and LinuxONE

Lab Services IBM Z and LinuxONE is an experienced group of consultants with proven expertise on the IBM Z and LinuxONE platforms to help clients design and build z/OS®, z/VM®, KVM and Linux infrastructure solutions. Lab Services IBM Z and LinuxONE consultants can:

- Design and build hybrid cloud infrastructures for enterprise systems of record
- Consult and deploy new transformational projects with Blockchain
- Provision and automate z/VM and KVM virtualization
- Deploy and optimize IT infrastructure for enterprise analytics
- Assess and execute on to help achieve highest commercially available data security
- Deploy and optimize scalable enterprise Linux solutions
- Optimize application and database performance for z/OS and Linux
Technical Training

The Technical Training team in Lab Services is responsible for maximizing market skills via IBM TechU technical events, providing systems and storage content for Global Training Providers training, and academic initiatives with universities and colleges.

IBM TechU

IBM Technical University events are designed to provide technical education to clients, IBM Business Partners and IBMers. The TechU events feature a wide range of technical topics on IBM Systems and Storage, with multiple track options of presentations and hands-on lab exercises. In addition to the full IBM Technical Universities, smaller IBM TechU Comes to You events extend the reach of events to additional cities worldwide.

Learn more at ibm.com/training/events

IBM Global Training Providers

The IBM Lab Services technical training team maintains a broad portfolio of technical training education classroom and online materials that are delivered by IBM Global Training Providers. The IBM Global Training Providers use the IBM-developed and -provided materials, including access to IBM systems and storage, to deliver client and Business Partner education around the world.

Learn more at ibm.com/training

IBM Academic Programs

The IBM Lab Services technical training team works with colleges and universities worldwide to facilitate the early development skills of IBM Systems and Storage.
IBM Business Partners

IBM Systems Lab Services works closely to complement the skills of IBM Business Partners and to help them accelerate the adoption of IBM Systems and Storage.

Working with Lab Services gives IBM Business Partners and their clients direct access to our most experienced IBM consultants when they need them most. We typically provide short-term, on-site engagements designed to solve complex challenges and then transfer skills and best practices to the partner or client’s staff.

Working with Lab Services helps IBM Business Partners grow sales and extend their business scope while helping them grow skills for new technologies.

ibm.com/partnerworld/labservices

Lab Services is on your side

IBM Systems Lab Services has the proven expertise to help you design, build, and deliver IT infrastructure for the cognitive era.

With proven expertise derived from a combination of business and technical experience, we can help you:

- Design for cognitive business
- Build with collaborative innovation
- Deliver through a cloud platform

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

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For More Information

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IBM Business Partners, visit:
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