

MANAGED SERVICES FOR LINUX ON POWER

LINUX CLOUD SERVICES

Supporting Linux Environments on IBM Power Systems

Running complex Linux on IBM Power workloads at peak performance around the clock is an important but time-consuming activity. With challenging IT budgets and scarce resources, organisations are often forced to divert skilled staff from strategic projects to administer routine tasks. CSI Cloud Services can take over the burden of mundane operations, allowing you to focus on business transformation with the confidence that your Linux platforms on IBM Power Systems are in safe hands.

The CSI Cloud Linux on Power Service enables businesses to use technology to scale up as needed and scale back when required. CSI can provide a multicloud platform as a steppingstone to running either a private, public or hybrid cloud environment. Our Linux on Power Service allows organisations to optimise the efficiency of workloads and enterprise performance by securely connecting critical compute with new and emerging applications. This is done by ensuring application performance is correctly sized from the start, enabling workload efficiency seamlessly for your business.

Optimise Availability and Performance of Linux workloads on IBM Power Systems

CSI Cloud Services are designed to optimise the availability and performance of critical workloads running Linux on IBM Power Systems. We achieve this by:

- Monitoring all components that can impact system stability
- Reacting quickly to alerts through a 24/7 service desk and proven service management processes
- Confirming that operating system and firmware are maintained at correct versions
- Ensuring that backups complete successfully - or escalating failures
- Providing a disaster recovery or high availability environment



We can monitor and manage the following Linux service elements:

Linux Service Element	Enterprise	Core	Optional
Physical Hosts and Control Devices			
Hardware Management Console (HMC)	X	X	
Virtual I/O Server (VIOS) Monitoring	X	X	
Client network switches			X
Top of rack network switches	X		
SAN switch errors monitoring	X		
SAN storage array monitoring	X		
Backup device monitoring	X	X	
Firmware upgrades (SAN switch, SAN storage, physical server frame)	X		
LPARs			
Software	X		X
Backup	X	X	
Event Management	X	X	

CSI Cloud Linux on Power Service Offerings

Enterprise: provides monitoring and management of the Linux on Power environment. Our experts will manage all event alerts and determine the right course of action to ensure your business-critical applications remain available, protecting end-user productivity. Monitoring thresholds also allows us to act proactively to maintain service levels.

Core: provides monitoring of the Linux on Power environment only. We will notify you of all event alerts enabling you to determine the next steps for your business.



Data Centre Options

CSI can monitor, manage and support complex and regulated Linux workloads running on robust IBM Power Systems in several different scenarios. The CSI PowerCloud offers system resources that are leased by capacity, or we can dedicate entire physical servers to a single organisation.

Where a client owns its own IBM Power Systems infrastructure, we can offer hosting solutions (rack space, power, cooling, networking) together with monitoring and management of those platforms. Alternatively, we can provide remote services for client-owned infrastructure on-premise or in a third-party data centre.

Service Elements	Enterprise	Core	Optional
CSI Cloud, leased by capacity	X		
Client-owned infrastructure, hosted by CSI in various data centres	X	X	
Client-owned infrastructure, on-premises or hosted by client third party vendor		X	

IBM-Endorsed Solution Provider

CSI is a trusted provider of Cloud and Managed Services solutions for IBM as well as data centre operators, technology distributors, and IBM Business Partners that make up our partner channel. We have 40 years of experience supporting all versions of IBM i, from AS/400 to current Power Systems, including AIX and Linux on Power. That experience is why we are the exclusive white-label provider of DRaaS for IBM's North American customers.

Additional Services from CSI

To help our clients achieve their specific business goals, we offer a number of additional IT services, including:

- IBM i Cloud Services
- AIX Cloud Services
- AI-optimised Cloud Infrastructure
- Network Monitoring & Management
- Backup and Recovery Simulator
- Professional Services e.g. consultancy, project management, risk mitigation and roadmap reviews

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