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## Highlights

- Private cloud platform for creation and management of cloud-native and modernized apps
  - Seamless and secure integration with existing core business data, on-premises or in the Cloud
  - Faster results with better price/performance per core compared to other hardware platforms
  - Easy and rapid deployment on Enterprise Systems, OpenPOWER and IBM Hyperconverged Systems powered by Nutanix
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# IBM Cloud Private on IBM POWER

*Speed and agility for the modern enterprise:  
cloud-native platform, multi-cloud-ready,  
purpose-built to deliver results faster*

Organizations all over the world are being impacted by the unprecedented growth of data and the pace at which technology is evolving. These forces are driving new ways of doing business and companies need to adapt quickly to remain competitive. Businesses that are succeeding are transforming traditional IT processes and applications to become more agile and innovative in meeting the changing demands of the business.

IBM® Cloud Private on POWER® lays the foundation for the future of today's modern data centers. It enables enterprises to accelerate innovation using modern agile processes, integrates securely with existing systems, and provides strategic platform for hybrid cloud integration while maintaining the control and compliance that enterprises need.

With IBM Cloud Private on IBM POWER both developers and administrators can more easily meet the demands of today's cognitive businesses—developers can tap into a rich stack of built-in development tools and services so they can quickly turn ideas into high performance working code; the operations team can be assured they are providing the exceptional compute power that analytics and cognitive apps need along with access to a powerful set of enterprise-grade management tools to keep the platform secure and up to date.



## Systems Software Data Sheet

IBM Cloud Private on POWER is focused on delivering:

- **Business Innovation**—Microservice-based platform to build, deploy and manage apps easily on clusters optimized for cognitive services and effortless scalability, delivering faster results and lower total cost
- **Integration**—Secure and seamless access to innovative technologies including cognitive/AI, Blockchain, IoT and mission-critical enterprise Systems of Record running in Linux, AIX, or IBM i environments
- **Compliance and Management**—Management, back-up and recovery of data and applications on virtualized platform with fewer reported vulnerabilities than any other
- **Investment Protection**—Cutting edge, hybrid-cloud-ready, integrated platform for immediate productivity, control and risk-free extensibility to the Cloud

Together these capabilities enable enterprises leverage the power of private cloud to modernize existing applications and workloads, leverage new technologies and DevOps models for rapid application creation and deployment and extend the proven value of existing Systems of Record as organizations enter the new world of cloud-native apps.

IBM Cloud Private on POWER provides all the advantages of Cloud private on a server platform optimized for data and cognitive services. Organizations refactoring traditional apps or

building new cloud-native services can realize an average of 2x better throughput and density for the same dollars spent compared to competitive platforms.

Clients can get started quickly and easily with the IBM Cloud Private for Power Starter Kits: implementation guidance to enable organizations to get up and running quickly on their choice of POWER server infrastructure: OpenPOWER scale out, scale up Enterprise servers or IBM Hyperconverged Systems powered by Nutanix. When ready, clients can add onto their Starter Kit with a choice of service-optimized Power Packs to expand compute capacity and deploy production-ready HA clusters.

Advantages of IBM Cloud Private on POWER:

- Get started quickly with integrated platform to build new apps, modernize existing workloads and securely integrate with corporate data for maximum performance and control
- Get 2x more processing power per core on average for data and cognitive apps with IBM POWER and IBM Cloud private
- Ensure extensibility and flexibility with hybrid cloud integration with IBM and other clouds for multi-cloud apps, DR, backup, or bursting



## Why IBM?

IBM Cloud private is a direct reflection of IBM's experience in helping enterprises build cloud-native applications, refactor and integrate with existing services. IBM continues to integrate enterprise-relevant open source services with its enterprise-grade software and integration portfolio to deliver innovation, reliability and security in a single platform.

## For more information

To learn more about the IBM Cloud private on POWER, please contact your IBM representative or IBM Business Partner, or visit the following website:

[ibm.com/power/solutions/cloud](http://ibm.com/power/solutions/cloud)

Additionally, IBM Global Financing provides numerous payment options to help you acquire the technology you need to grow your business. We provide full lifecycle management of IT products and services, from acquisition to disposition.

For more information, visit: [ibm.com/financing](http://ibm.com/financing)



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