

Managed Private Cloud IaaS for x86 Compute and Storage

Accelerate your journey to hybrid cloud

Multiple technology and industry shifts are rapidly transforming the IT landscape. One such shift is in the adoption of enterprise cloud solutions. To meet customer expectations and develop new services, you need to both modernize and transform your infrastructure. Increasingly, this push is leading enterprises to adopt a cloud operation model. But while the flexibility, agility, and economics of moving to the cloud is attractive, there is no comprehensive solution. As a result, an effective hybrid approach is essential in your digital transformation journey.

IBM Managed Private Cloud IaaS combines x86 compute and storage offerings to accelerate your hybrid cloud adoption. These service offerings deliver managed capacity with a dedicated hosted on-premises private cloud. To your users, this is a technology "black box," with service levels of performance and availability. You have virtually unlimited compute resources and storage capacity, accelerated application performance, and scaling to support your business needs. Managed Private Cloud IaaS allows you to run mission critical application workloads, including workloads with stringent security and performance requirements in your premises or firewall.

Highlights

- Accelerates your cloud transformation with private cloud infrastructure
- Improves agility with a payper-use, as-a-service model
- Reduces IT and security headaches with a managed and dedicated offering



Boosting business agility

Meeting application performance and data security requirements is complex, time consuming, and costly. Managed Private Cloud IaaS uses the latest computational and storage technologies to deliver improved application performance and greater storage efficiency. Cloud infrastructure is purchased as a service, moving capital expenses to an operationally friendly consumption-based model. With a pay-per-use and OPEX model, along with no long-term commitment, a private cloud can be financially flexible enough to support your business unit strategy. And because the cloud has virtually unlimited infrastructure resources, you can scale your operations up or down based on your business goals.

Gaining peace of mind

With today's proliferation of data, the threat of security breaches and data loss is always foremost in companies' minds. In addition, data storage requirements are often growing faster than infrastructures can handle.

Dedicated services, such as Managed Private Cloud IaaS, keep sensitive data close to home and safer, with functions such as data-at-rest encryption. For compute as a service functionality, a dedicated, single tenant environment can ease security concerns by isolating workloads both on physical servers and on virtual machines. For storage as a service, multiple highly scalable, secure and high-performing data tiers provide a dynamic storage cloud that accelerates the performance of your most demanding cloud applications, now and in the future.

Simplify IT management

Managed Private Cloud IaaS handles day-to-day operations challenges—often referred to as "Day 2" operations—of any infrastructure at scale. It includes 24x7x365 operations, health monitoring, problem diagnosis, and a management portal. x86 compute resources simplify your development-to-production workflow with bare metal servers, general purpose virtual instances, and memory-optimized virtual instances. Storage as a service functions allow you to select the right data tier to support your cloud initiatives.

You can now focus on your business applications and not on supporting infrastructure.

Conclusion

IBM expertise in cloud, IT infrastructure and services can help transform your IT through modernizing your existing IT deployment and help you adopt a cloud model. IBM can manage and optimize the performance of your cloud infrastructure, so you can focus on innovation and core business objectives. IBM can help you get there.



Why IBM?

IBM has a broad portfolio of data services covering resiliency, consulting, data migration, and other storage transformation and management services.

Whether purchasing an innovative IBM storage array, moving data and applications into the IBM public cloud, or using IBM Cloud Private Storage, you can benefit from trusted IBM storage and data management to gain a more flexible and valuable experience.

For more information

To learn more about Managed Private Cloud IaaS, contact your IBM representative or IBM Business Partner, or visit the Managed Private Cloud IaaS webpage.

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