

IBM z16

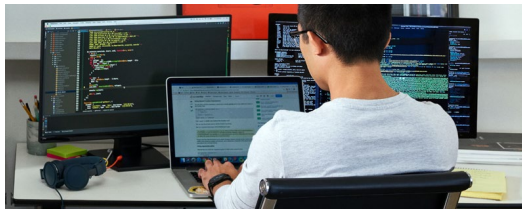
Modernize for hybrid cloud to
accelerate application
modernization and integration

Modernize for Hybrid Cloud



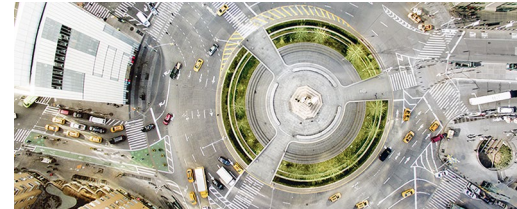
Get to market faster for new and modernized services and integrate applications and data across the hybrid cloud

Modernize at speed with lower cost and risk than migration to public cloud and integrate workloads across the hybrid cloud with Red Hat® OpenShift®



Enable all developers to develop applications for IBM zSystems using their familiar tools and existing skill sets

Empower developers to innovate consistently across the hybrid cloud with enterprise DevOps and open-source tools and methodologies



Gain efficiencies and tie cost to value by optimizing deployment on best fit resources across the hybrid cloud

Ensure security and resiliency for critical workloads and unlock more than 2.5X more value than public cloud only with IBM zSystems in the hybrid cloud

IBM's approach
let's you
continuously
modernize
applications &
data on
IBM zSystems and
Cloud

Build the right foundation	Increase business agility & innovation	Accelerate time to value
Optimize the core	App discover & business alignment	Broad ecosystem of partners
Increase access to apps & data	Enterprise DevOps across IBM zSystems and Cloud	App mod patterns and accelerators
Hybrid Cloud integration	AI-driven insight at scale	Garage methodology
Extend security and compliance	Exploit new business & IT services	



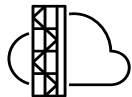
Build the right foundation

Increase business agility and innovation

Accelerate time to value

Optimize the core

Manage the cost & performance current applications while leveraging current software and consumption-based pricing models. This can lead to cost of operations per application that are 47% lower.



Hybrid Cloud integration

Cloud-native development leveraging OpenShift at the core of the hybrid cloud architecture along with IBM Cloud Paks®. Integrate z/OS® Systems and services with the IBM zSystems and Cloud Modernization stack.



Increase access to apps and data

Ensure real-time access across the enterprise. Expanding the value of z/OS through deployment of a comprehensive API strategy and enterprise Data Fabric to support increased business agility and lower risk

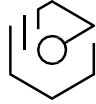


Extend security and compliance

Protect data across enterprise and automate compliance. Deliver confidential computing and cyber resiliency while strengthening security and compliance posture

Benefits

- Faster time to value at a lower cost than distributed environments
- Quick analysis of application changes
- Modernize or making changes with confidence of your COBOL, PL/I, Java™, and Assembler applications



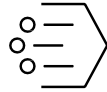
Build the right foundation

Increase business agility and innovation

Accelerate time to value

Application discovery & business alignment

Drive strategic alignment with business priorities. Clients can establish a baseline for the current application estate and existing investments which will help maximize ROI and lower risk.



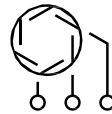
AI-driven insight at scale

Maintain transactional integrity and service levels while generating insights and executing decisions in the moment with AI at scale without compromising data.



Enterprise DevOps across IBM zSystems and Cloud

Move from waterfall models to more agile DevOps with consistent and automated CI/CD pipelines across the enterprise



Exploit new business & IT services

Drive innovation with new cloud services and achieve competitive advantage with faster time to market. Leverage digital assets, blockchain, and 200+ services

Benefits

- Offer a modern experience that attracts and onboards new developers faster
- Accelerate hybrid cloud application development and respond to market changes
- Leverage open-source frameworks and tools to build and deploy applications anywhere



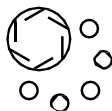
Build the right foundation

Increase business agility and innovation

Accelerate time to value

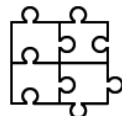
Broad ecosystem of partners

Innovate faster with a growing partner ecosystem. Access 100s of ISVs on public cloud which will foster increase speed of business and lower risk of application modernization projects



Garage methodology

Demonstrate quick “win” to the business with a “garage methodology” which provides an outcome-first approach. Clients experience 67% faster speed to outcomes.



App mod patterns and accelerators

Exploit proven best practices across IBM zSystems and cloud solutions using application modernization patterns & reference architectures.

Benefits

- Deliver with speed based on technical and process-oriented patterns and best practices
- Implementation across IBM zSystems, LinuxONE, and cloud for reference architectures and use cases
- Growing and broad pen-source based ecosystem of partners

Next steps to progress your hybrid cloud modernization strategy with IBM zSystems

- Explore the advantages of using a cloud native approach
- Schedule a briefing

- Book a discovery consultation to explore options for your organization

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Product resources

[Announcement](#)

[Product page](#)

[Explore IBM zSystems and Cloud Modernization Center](#)

Communities

[IBM zSystems and LinuxONE Community](#)

Go deeper on application modernization

[IBM Institute for Business Value study "Application modernization on the mainframe"](#)

[Getting Started Journey to Modernization with IBM zSystems \(Redbook\)](#)

[IBM Cloud Architecture Center](#)



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