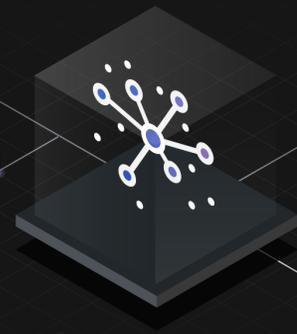# IBM Cloud Pak for Data on IBM Z and LinuxONE

Adapt. Transform. Compete.

A highly secure private cloud for your enterprise data
Drive insight and seize competitive advantage by confidently leveraging your enterprise data within a resilient private cloud on your IBM Z® or IBM® LinuxONE.

What is IBM Cloud Pak for Data?
IBM Cloud Pak® for Data is a fully-integrated data and AI platform that modernizes how businesses collect, organize and analyze data to infuse AI throughout their organizations. Cloud native by design, the platform unifies market-leading services spanning the entire analytics lifecycle. It helps eliminate the need for costly, and often competing, point solutions while providing the information architecture you need to implement AI successfully.

What is IBM Cloud Pak for Data on IBM Z?
IBM Cloud Pak for Data on IBM Z brings the capabilities of IBM Cloud Pak for Data including the Red Hat® OpenShift® Container Platform and pre-integrated, certified software to your existing IBM Z infrastructure. This initial release includes IBM Cloud Pak foundational services, IBM Db2® Management Console and IBM Db2 Warehouse. Also available are IBM Db2 Advanced Enterprise Server Edition and IBM Db2 for z/OS® Data Gate (beta version).

Complexity slows innovation and can present operational risk. IBM studies suggest administration and support can contribute up to 60% of database cost of ownership. Rewriting and porting of database applications solely for a new platform adds no new business value. Modernizing your data infrastructure via a containerized approach can significantly simplify your data management efforts. Leveraging existing infrastructure and skills can reduce implementation risk, complexity and cost.

For enterprises with IBM Z or LinuxONE infrastructure, IBM Cloud Pak for Data on IBM Z provides a resilient, secured private cloud platform to consolidate large distributed Db2 database workloads. IBM Cloud Pak for Data on IBM Z extends the IBM Cloud Pak for Data offering by adding to a rich spectrum of deployment options ranging from private cloud to hyper-converged systems to IBM Cloud® and to other public clouds.

Foundation for modern applications
Moving applications to the cloud offers an opportunity to foster innovation and agility by rethinking your data and application infrastructure. Studies show cloud native applications offer greater agility and faster time to market, better quality and more reliable services, and can provide improved security, risk reduction and cost efficiency. Private cloud infrastructures can build on this value by leveraging your existing infrastructure and skills.

With IBM Cloud Pak for Data on IBM Z you can minimize the need for costly cloud specific database redesign and eliminate the complexity, deployment timeline and potential risk associated with public cloud deployments. Optimize your investment in IBM Z and LinuxONE and reduce operational challenges by deploying cloud native Db2 applications close to the systems of record.

What can you do with IBM Cloud Pak for Data on IBM Z?
Adapt and transform your enterprise infrastructure as a vital component within your hybrid cloud architecture to compete in today's digital environment.

- Start your journey to AI and the cloud by modernizing your data infrastructure for simpler administration, faster time to value and lower operational costs

- Access your most valuable enterprise data securely within modern hybrid cloud applications

- Provide a modern private cloud platform while leveraging your existing infrastructure and skills

- Reduce cost and complexity by consolidating existing Db2 databases without cloud specific rewrites

- Co-locate data with business applications, that also run on IBM Z and LinuxONE, to reduce latency, improve performance and meet SLAs

- Synchronize data between Db2 for z/OS and IBM Cloud Pak for Data on IBM Z using Db2 Data Gate

Learn More

Talk to your IBM representative or visit
www.ibm.com/products/cloud-pak-for-data