

IBM Cloud Pak for Data System

Modernize your data and AI with a “cloud in a box” built on Red Hat OpenShift



Pain points

- Does it take too long to set up an AI project?
- Is it a struggle to optimize your software on in-house hardware?
- Have you reached your platform data limits and need to scale up?
- Are data security and compliance keeping you up at night?
- Need to migrate massive workloads from IBM® Netezza® appliances?
- Are you looking to modernize existing Netezza investments?
- Is your data sitting in silos?
- Tired of manually making AI models?
- Are you hitting roadblocks with integrating AI into your company?

IBM Cloud Pak for Data System

A preconfigured hyper-converged platform that combines storage, compute, networking and software to help you accelerate your journey to AI



Benefits

- Get AI projects up and running quickly**
IBM picks, delivers and installs components directly onsite
- Reduce complexity**
Tackle every step of the [AI Ladder](#) in one cohesive system, built on optimized hardware
- Start small and grow big**
Easily add expansion units as your business grows
- Scale workloads with agility**
Use plug-and-play nodes to scale applications up or down and reallocate VPCs (virtual private clouds)
- Expand your Netezza workloads**
Upgrade with a single command, `nz_migrate`, and run workloads with 100% Netezza compatibility
- Run on Red Hat® OpenShift®**
Modernize your data and AI environment on premises with a “cloud in a box” built on Red Hat OpenShift
- Customize to fit your needs**
Extend data and AI capabilities through a growing catalog of IBM, open-source and third-party services
- Enjoy complimentary maintenance**
Access Call Home features to request IBM Support and get hardware failures fixed at no additional cost

IBM Cloud Pak for Data System by the numbers

1 month

Time to complete a normal hardware expansion planning and process to see data model effectiveness*

3x

Increase in SQL performance through [Netezza Performance Server](#) over legacy IBM PureData® System for Analytics

USD \$0

Cost to fix hardware failure from IBM Support¹

86% – 158%

Projected return on investment (PROI)²

1 week

Time to scale a workload and test a data model with data virtualization and IBM Cloud Pak® for Data System*

25%

The five-year on-premises total cost of ownership (TCO) for IBM Cloud Pak for Data System storage could be 25% of the TCO of public cloud storage¹

65% – 85%

Reduction in infrastructure management effort²

USD \$1.2 – \$3.4 million

Value of data science, machine learning and AI benefits from cost savings and faster model development and deployment²

Capabilities of the system

Access a wide array of technologies to advance your journey to AI. Our growing list of capabilities includes:



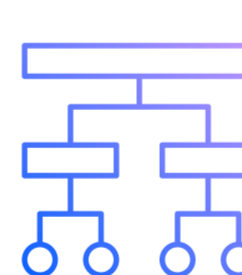
Netezza Performance Server
Augment legacy IBM PureData System for Analytics with a full spectrum of analytics and AI tools



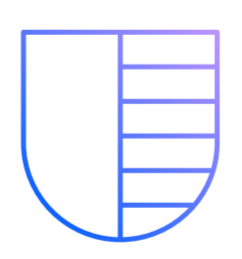
Data virtualization
Access data virtually anywhere, no matter where it lives



IBM Watson® Knowledge Catalog
Create a trusted, business-ready analytics foundation with governed DataOps



IBM Watson Studio, IBM Watson Machine Learning and IBM Watson OpenScale™
Build machine-learning models and automate the end-to-end AI lifecycle



IBM Watson Assistant, IBM Watson Discovery and Cognos®
Operationalize your AI with trust and transparency

Plug. Play. Repeat.

Simplify your data and AI deployments with a turnkey platform out of the box.

[Read the report](#)

[Register for the webinar](#)

To learn more about IBM Cloud Pak for Data System, visit ibm.biz/icpdsystem.

To read the IBM-commissioned report on IBM Cloud Pak for Data System by IDC, complete this [registration form](#).



© Copyright IBM Corporation 2020. IBM, the IBM logo, ibm.com, Cognos, IBM Cloud Pak, IBM PureData, IBM Watson, IBM Watson OpenScale, and Netezza are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the web at “Copyright and trademark information” at www.ibm.com/legal/copytrade.shtml.

Red Hat and OpenShift are registered trademarks of Red Hat, Inc. or its subsidiaries in the United States and other countries.

* Based on internal IBM studies.

1. Chari, Srin and Shankar, Ravi. “IBM Cloud Pak for Data System: The Leading Hyper-converged platform for Data and AI.” Cabot Partners, ibm.biz/Bdqnyw

2. “New Technology: The Projected Total Economic Impact™ of IBM Cloud Pak for Data.” A commissioned study conducted by Forrester Consulting, February 2020. ibm.biz/Bdqnyy