Accelerating Smarter Computing with IBM zEnterprise System

Every four days we generate more information than all the written works in history. This enormous amount of data contains exciting insights for new innovations but it also raises difficult questions: Can our IT systems handle this explosive growth? How will we power, secure and manage these systems while maintaining IT costs?

Reaching the opportunities of a Smarter Planet takes Smarter Computing…A holistic approach to IT that's: Designed to harness big data for better decision-making and outcomes; Tuned to the task for greater productivity and lower costs; And managed in the cloud to develop and deploy new services fast.

The IBM zEnterprise System is a breakthrough platform to help reach these goals and achieve the promise of Smarter Computing. It couples the industry's fastest, densest microprocessor with extremely high network bandwidth, enabling superior business analytics and a huge portfolio of modern applications on z/OS, Java and Linux.

More than a faster, more powerful mainframe, zEnterprise is a revolutionary system that manages System z, Power and System x resources together. As a freedom by design hybrid computing model, zEnterprise allows applications to run where they run best while they're optimized end-to-end for greater efficiency and flexibility.

The zEnterprise System's scalability, virtualization and hybrid computing model also make it an ideal platform for cloud computing, reducing operation costs by up to 70% and cutting license and environmental costs by up to 90%. Leveraging the zEnterprise for infrastructure transformation, clients have achieved superior economics, improved decision-making, and accelerated innovation that together deliver better business outcomes.

With tools, best practices and services to guide your modernization projects, Enterprise Modernization with IBM Rational speeds up workload and service delivery for IBM System z, zEnterprise, IBM Power systems, and distributed platforms. This improved efficiency lowers the cost of innovation and provides greater return on your software assets, skills and infrastructure investments.

Through a holistic and innovative approach to IT, an IBM Enterprise Modernization Solution can help you achieve the goal of Smarter Computing.

To learn more about IBM Enterprise modernization solutions for System z, please view the companion videos in this series.

IBM Smarter Computing
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IBM zEnterprise System
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