

z/VM and Linux implementation services for System z

Realize the benefits of virtualization with an efficient implementation



Highlights

- Helps support new business models and relevant workloads with advanced virtualization capabilities
 - Helps realize cost benefits through improved server virtualization and consolidation
 - Leverages IBM expertise to provide a reliable, timely implementation of z/VM® and Linux® on your System z® servers
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Like many organizations, you may be thinking about virtualizing your System z servers to reduce costs, improve utilization, reduce management complexity and increase performance. As an open-source operating system that is both affordable and flexible, Linux is the preferred choice of many businesses worldwide. However, implementing Linux in your IT environment is a task that, if not done with expert assistance, can result in potentially costly disruptions or delays that can adversely affect your business.

IBM Implementation Services for System z – z/VM and Linux helps you leverage the power of virtualization by implementing z/VM and Linux in your System z environment. The advanced virtualization capabilities achieved by running Linux on a z/VM guest can help you realize significant cost savings, foster business innovation and improve server performance. Our service provides highly trained experts with proven methodologies, tested tools and knowledge gained from years of experience to perform an on-time, on-budget implementation while significantly reducing the risk of business disruption.

Supporting business models and workloads with virtualization capabilities

The open standard, multiplatform capabilities offered by Linux on z/VM, combined with industry-wide support, provide you with a high degree of flexibility, scalability, reliability and security. This, in turn, can help you achieve optimum resource utilization, dynamic resource allocation, efficient workload optimization and simplified systems management. The virtual infrastructure enabled by running Linux on a System z server can support business-relevant workloads, including business intelligence and collaboration applications, and new business models, like cloud computing.



Helping realize cost benefits through server virtualization and consolidation

By implementing Linux on a System z, we enable you to also achieve significant IT cost savings. You can reduce:

- People costs—By increasing the productivity of your IT staff and reducing labor costs
- Software costs—By using an open source platform and consolidating a large number of virtual machines per System z core
- Infrastructure and networking costs—By significantly lowering power consumption and floor space with dense server and network consolidation

Leveraging IBM skills and experience for a faster and more reliable implementation

Our experts install and configure z/VM and Linux in a single logical partition (LPAR) on your System z environment with the option to implement multiple copies, if necessary, and to provide you with appropriate implementation documentation and basic skills instruction. Our highly skilled professionals, backed by proven best practices and tested tools, can provide you with more efficient and streamlined implementation service while minimizing the risk of downtime and allowing your in-house staff to stay focused on more critical business functions.

Why IBM?

Our in-depth expertise in System z, z/VM and Linux infrastructure makes us an ideal implementation provider for your installation needs. With skills and experience gained from similar client engagements, IBM specialists can leverage virtually unmatched design and planning capabilities, intellectual capital and methodologies to help ensure a successful installation and configuration of z/VM and Linux on your System z servers.

For more information

To learn more about IBM Implementation Services for System z – z/VM and Linux, please contact your IBM marketing representative or IBM Business Partner, or visit the following website: ibm.com/services/server



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Produced in the United States of America
January 2011
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