

More White Papers for Linux® on IBM System z®

[Architecting z/VM® and Linux for WebSphere® V7 on IBM System z®](#) (316KB)

The paper provides information to create an infrastructure that will allow WebSphere applications to run efficiently on Linux for System z. This infrastructure consists of LPARs running z/VM, running multiple Linux virtual servers, each running WebSphere, running your applications.

Correlated [Memory Estimating Worksheet](#) (XLS, 37KB)

[How to – Share a WebSphere Application Server V7 installation among many Linux for IBM System z systems](#) (400KB)

This document describes a process that enables you to share one installation of WebSphere Application Server among many Linux guests running under z/VM.

[High Availability Architectures for Linux on IBM System z](#) (400KB)

This paper describes a set of reference architectures that provide High Availability for applications running on Linux for System z.

[The new alternative for leveraging the power of Business Intelligence](#) (4.54MB)

Comparing the total cost of ownership and acquisition of IBM Cognos® 8 Business Intelligence on System z to x86 distributed servers. The TCO breakdown includes acquisition costs, annual maintenance agreements, facilities costs, System administration costs.

[Blue Cross Blue Shield of South Carolina: A Model of IT Efficiency](#) (465KB)

In this Case Study, Clabby Analytics takes a closer look at how BCBSSC is structured; how it's information systems environment works; how it adheres to standards; how it implements best practices — and how it is growing its professional skill sets to ensure that it can meet business growth

[New IBM zEnterprise™ 114 \(z114\): A Replacement for SPARC/Itanium Servers?](#) (480KB)

This Clabby Analytics report provides an excellent overview of our zEnterprise 114 announcement, takes a competitive stance, and gives Oracle and HP clients something to think about as they consider their next steps.

[IBM zEnterprise 196 \(z196\) / IBM zEnterprise BladeCenter® Extension \(zBX\) case study: Canada Dept. of National Defence](#) (51KB)

This Independent Assessment paper states that if you want to go from a Mainframe-centric data center to an enterprise hosting center, using an IBM zEnterprise System (z196 and zBX) will make the task a lot easier.

[First experiences with hardware cryptographic support for OpenSSH with Linux for System z](#) (450KB)

First experiences with configuration of OpenSSH using hardware cryptographic support of IBM System z.

[SUSE Linux Enterprise Server and IBM zEnterprise System](#) (778KB)

Get server virtualization for less than US\$1 a day with IBM* zEnterprise System. IBM zEnterprise 196 (z196) is designed to with performance capabilities and capacity for growth and large-scale consolidation.

[The mainframe and the cloud - The Bathwick Group](#) (236KB)

Read about the potential benefits that enterprises could derive from a System z as a cloud environment in terms of cost, reliability, scalability, security and flexibility. The paper also set out to highlight the changes that have taken place, meaning that many of the traditional criticisms of the mainframe platform are simply out of date.

[How to Define a 31-bit JVM Heap Larger than 850 MB](#) (55KB)

The newest Linux kernels have adopted a "flexible" memory layout within the address space. This allows for larger amount of memory available to the applications; for example, WebSphere applications can safely defined with a maximum size of 1200 MB or more.

[Smarter IT Optimization and Consolidation with IBM zEnterprise System](#) (350KB)

The IBM zEnterprise provides capabilities that simplify the effort of running applications across server architectures for optimal application placement.

[Energizing the Mainframe Mainstream – The Complementary Benefits of IBM's Software and Linux on System z](#) (150KB)

Marketplace Update by Charles King, Pund-IT, Inc.

[Sharing and Maintaining SLES 11 Linux under z/VM using DCSSs and an NSS](#) (2.13MB)

How to use Dis-contiguous Saved Segments (DCSSs) and a Named Saved System (NSS) with the concept of a read-only root file system.

[DB2® Database Partitioning for Linux on System z](#) (296KB)

This paper provides a set of guidelines for implementing a data warehouse with IBM InfoSphere™ Warehouse.

[A Brief History of Time, Virtualized](#) (82KB)

This paper explores various virtualization technologies, and explains the distinctions of large-system virtualization compared to distributed system alternatives.

[IBM System z: The Enterprise Server Virtualization Platform?](#) (160KB)

The IBM System z platform has some unique characteristics that make it the ideal candidate for today's modern applications.

[Advantages of a Dynamic Infrastructure: A Closer Look at Private Cloud TCO](#) (171KB)

This paper examines the Total Cost of Ownership (TCO) for a dynamic infrastructure built around private cloud services and compares it to public cloud alternatives and distributed server models.

[A Benchmark Study on Virtualization Platforms for Private Clouds](#) (1.4 MB)

This paper describes a technical study that compares different virtualization platforms for implementing a private cloud.

[How to – Share a WebSphere Application Server V6.1 installation among many Linux for IBM System z systems](#) (103KB)

This paper describes a process that enables you to share one installation of WebSphere Application Server V6.1 among many Linux guests running under z/VM.

[Consolidation of Lotus® Domino® and Lotus Notes to Linux on System z](#) (112 KB)

This paper provides an overview on the consolidation of Lotus Domino and Lotus Notes® to Linux on IBM System z as part of IBM's Enterprise Computing Model transformation.

[Application Development Tools and Virtualization Advantages for Linux on System z](#) (200 KB)

This paper describes application development tools for Linux on IBM System z and the strengths of the flexible virtualization environment available for Linux on IBM System z.

[IBM Driving Linux on "System z" for Enterprise Solutions](#) (48 KB)

This IDC Research paper describes the pace and the energy with which IBM is building up its inventory of enterprise Linux solutions for the "System z" mainframe is new.

[Using IBM Mainframe Virtualization and Linux to Consolidate Servers](#) (84 KB)

This paper describes IBM mainframe hardware and IBM mainframe virtualization capabilities, as well as applications that run on Linux on System z and systems management advantages of the mainframe environment.

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