

## Preferred documents

This document will help you to find the most used and informative information for Linux® on IBM Z®, z/VM® and IBM Wave for z/VM. It provides you the information about Redbooks®, performance documents, technical white papers, solution briefs and analyst papers.



### Preferred Redbooks

- [Security and Linux on IBM Z \(57 pages\)](#)
- [Scale up for Linux on IBM Z \(64 pages\)](#)
- [IBM Z Connectivity Handbook \(211 pages\)](#)
- [IBM z14™ Technical Introduction \(112 pages\)](#)
- [Oracle on IBM Z \(107 pages\)](#)
- [IBM GDPS® Family: An introduction to Concepts and Capabilities \(380 pages\)](#)
- [The Virtualization Cookbook for IBM Z: IBM z/VM 6.3 \(368 pages\)](#)
- [Introduction to z/VM Single System Image \(SSI\) and Live Guest Relocation \(134 pages\)](#)
- [The Virtualization Cookbook for IBM Z: Ubuntu Server 16.04 \(188 pages\)](#)
- [The Virtualization Cookbook for IBM Z: SUSE Linux Enterprise Server 12 \(204 pages\)](#)
- [The Virtualization Cookbook for IBM Z: Red Hat Enterprise Linux 7.1 Servers \(206 pages\)](#)
- [IBM Wave for z/VM Installation and Exploitation \(291 pages\)](#)
- [Securing Your Cloud: z/VM Security for IBM Z and IBM LinuxONE™ \(196 pages\)](#)
- [IBM Spectrum Scale™ \(GPFS™\) for Linux on IBM Z \(110 pages\)](#)
- [Installing Linux for Z on zPDT \(51 pages\)](#)

[More Redbooks are found here](#)

### Preferred Performance documents

- [Linux on IBM z14 Performance Evaluation \(1.6MB\)](#)
- [Exploiting HiperSockets™ in a KVM environment using IP routing with Linux on Z \(1.7MB\)](#)
- [Network performance considerations for IBM Z \(3.2MB\)](#)
- [KVM Network Performance \(2.9MB\)](#)
- [Network Storage Protocols in a KVM Environment \(1.8MB\)](#)
- [Linux on Z Disk I/O Performance \(870KB\)](#)
- [Network tuning \(2.5MB\)](#)
- [Compiler GCC \(338KB\)](#)
- [GCC compile options \(248KB\)](#)

[More performance documents are found here](#)

### Preferred Technical White papers

- [Cluster File Systems: A Look at Implementing IBM Spectrum Scale supporting Dockerized Db2®, MongoDB, and PostgreSQL \(1.2MB\)](#)
- [GitLab: Highly Available Architecture on Linux on IBM Z \(1.0MB\)](#)
- [Hardware Crypto for IBM Z - How to exploit HW encryption with Ubuntu \(1.7MB\)](#)
- [Hardware Crypto of IBM Z for OpenSSH in RHEL 7.2 and SLES 12 SP1 \(1.2MB\)](#)



- [Experiences Implementing IBM Db2 BLU Across Single and Clustered Environments Under Linux on IBM Z \(865KB\)](#)
- [Experiences Implementing Apache Spark and Apache Hadoop across a Clustered Environment using Linux on IBM Z \(850KB\)](#)
- [Automatically Logging on a User at Linux System Boot time for Console Management \(624KB\)](#)
- [OMEGAMON® XE for z/VM & Linux Installation and Configurations](#)
- [Oracle Database deployment using IBM Wave for z/VM \(792KB\)](#)
- [Porting applications to Linux on IBM Z \(500 KB\)](#)

[More white papers are found here](#)

### Solution briefs

- [Pervasive Encryption and High Security with Linux on Z \(196KB\)](#)
- [Cognitive, Analytics and Data Management with Linux on Z \(197KB\)](#)
- [Enterprise Mobility System with Linux on Z \(171KB\)](#)
- [Integration Solution for Linux on Z \(236KB\)](#)
- [DevOps with Linux on Z \(216KB\)](#)
- [Oracle solutions for Linux on IBM Z \(111 KB\)](#)
- [SAP applications on Linux on Z with Db2 for z/OS® \(103 KB\)](#)

### Analyst papers

- [IDC: The Urgent Need for Hybrid Integration \(PDF, 596KB\)](#)
- [IDC: The Business Value of the Connected Mainframe for Digital Transformation \(PDF, 591KB\)](#)



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IBM Corporation  
New Orchard Road  
Armonk, NY 10504  
U.S.A.

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