

SUSE[®] Linux Enterprise Server Starter System for System z

If you have ever installed Linux on a mainframe, you know that it is different from a typical Linux installation process on an x86 server. SUSE[®] Linux Enterprise Server Starter System for System z addresses some of those differences. It makes installation quicker and easier, jump starting your proof-of-concept evaluation, all at no cost to you. The Starter System for System z is designed specifically for System z customers, so you can easily leverage your existing IT skills.



“We’re excited to leverage the SUSE Linux Enterprise Server Starter System for System z for our mainframe deployments. Until recently, there was no simple way to install SUSE Linux Enterprise Server on a mainframe using z/VM tools natively. This tool makes it much easier and faster for us and others to experience SUSE Linux Enterprise Server for System z, taking advantage of the cost and reliability benefits of Linux on the mainframe.”

MIKE WALTER

z/VM Systems Manager
Hewitt Associates

SUSE Linux Enterprise Server for System z is the Linux operating system from SUSE that is optimized for IBM mainframes. It includes features developed specifically for System z to take advantage of, and fully exploit, System z specific hardware capabilities and IBM z/VM virtualization technology.

Running under z/VM on a System z server, SUSE Linux Enterprise Server for System z offers an alternative to x86 platforms for virtualizing Linux, UNIX and Windows workloads. When you use SUSE Linux Enterprise Server for System z to consolidate servers, you are leveraging the resiliency of the mainframe, the power of SUSE Linux Enterprise Server for System z and the hypervisor capabilities of z/VM to create a virtual environment that lowers TCO, reduces data center complexity, increases flexibility and decreases downtime.

Historically, one of the biggest hurdles to installing Linux on the mainframe has been gaining network access to the installation

media from the mainframe. Installation routines cannot access a built-in DVD drive and you may have to change firewall rules to complete installation tasks. If you’re running z/VM, SUSE Linux Enterprise Server Starter System for System z eliminates this challenge. The SUSE Linux Enterprise Server Starter System for System z includes:

- *Utilities and configuration tools for quick installation of the SUSE Linux Enterprise Server Starter System for System z from a Conversational Monitor System (CMS) terminal session*
- *Compressed disk images of the SUSE Linux Enterprise Server Starter System for System z, including a complete set of RPM packages as shipped with SUSE Linux Enterprise Server for System z*
- *Utilities and configuration tools to assist with installation of additional virtual machines based on SUSE Linux Enterprise Server for System z from*

SUSE Linux Enterprise Server Starter System for System z makes installing Linux on your mainframe quicker and easier. Even if you have little or no Linux or z/VM experience, you can install SUSE Linux Enterprise Server Starter System for System z and take advantage of its benefits. You can download SUSE Linux Enterprise Server Starter System for System z for free at: www.suse.com/startersystem/

www.suse.com

the Starter System. The configuration tools package also includes a "rescue" system that you can use to recover a SUSE Linux Enterprise Server virtual machine if there are problems that prevent the server from booting and connecting to the network for normal maintenance.

System Requirements

The system requirements include:

- A z/Architecture central processor (CP) or Integrated Facility for Linux (IFL). You can use SUSE Linux Enterprise Server Starter System for System z without purchasing an IFL license
- IBM System z9, z10, z196, z114, zEC12, zBC12
- z/VM version 6.2 or later
- Working VSWITCH or guest LAN
- One unique IP address
- Two 3390-3 direct access storage devices (DASDs)
- One temporary 3390-3 DASD device

Installation Is Easy

Even if you have little or no Linux or z/VM experience, you can install SUSE Linux Enterprise Server Starter System for System z and then initiate evaluations of SUSE Linux Enterprise Server for System z once the installation process is completed. You need a mainframe with z/VM installed on it. If you do not have z/VM, you can get an evaluation copy from IBM at no cost. You can also download SUSE Linux Enterprise Server Starter System for System z for free.

EXCEPTIONAL VALUE

Some mainframe customers are interested in evaluating Linux for the mainframe before making a final decision to deploy it.

With SUSE Linux Enterprise Server Starter System for System z, you not only can do a proof-of-concept pilot for free, but you can also massively reduce the time needed to implement it.

The SUSE Linux Enterprise Server Starter System for System z allows you to:

- Create an installation server for SUSE Linux Enterprise Server for System z in z/VM guest system using z/VM commands and environment.
- Use z/VM internal network connections, thus eliminating the need for firewall changes or external network connection.
- Use the Starter System as an installation server to install one or multiple instances of SUSE Linux Enterprise Server for System z.

Try It Out Today

Has the (unusual for mainframe shops) process of installing Linux on a mainframe given you pause? Then pause no more. SUSE Linux Enterprise Server Starter System for System z makes it easy to install SUSE Linux Enterprise Server on your System z mainframe running z/VM.



Contact your local SUSE Solutions Provider, or call SUSE at:

1 800 796 3700 U.S./Canada
1 801 861 4500 Worldwide

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