



Red Hat Enterprise Linux 7

Virtualization Deployment and Administration Guide

Installing, configuring, and managing virtual machines on a Red Hat Enterprise Linux
physical machine

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Abstract

This guide covers how to configure a Red Hat Enterprise Linux 7 machine to act as a virtualization host system, and how to install and configure guest virtual machines using the KVM hypervisor. Other topics include PCI device configuration, SR-IOV, networking, storage, device and guest virtual machine management, as well as troubleshooting, compatibility and restrictions. Procedures that need to be run on the guest virtual machine are explicitly marked as such. All procedures described in this guide are intended to be performed on an AMD64 or Intel 64 host machine, unless otherwise stated. For using Red Hat Enterprise Linux 7 virtualization on architectures other than AMD64 and Intel 64, see . For a more general introduction into virtualization solutions provided by Red Hat, see the Red Hat Enterprise Linux 7 Virtualization Getting Started Guide.

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