

IBM PowerVM and IBM PowerVC are enhanced with additional virtualization capabilities

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Overview

IBM^(R) PowerVM^(R) 3.1.3

IBM PowerVM 3.1.3, which delivers industrial-strength enterprise virtualization for IBM AIX^(R), IBM i, and Linux^(R) environments on IBM Power^(R) processor-based systems, is enhanced with additional capabilities.

PowerVM 3.1.3 includes:

- Power10 support
- Live Partition Mobility (LPM) optimized support for virtual optical devices
- Auto selection of best Mover Service Partition (MSP) network adapter for LPM

PowerVM VIOS 3.1.3 includes:

- Power8, Power9, and Power10 support
- Linux virtual network interface card (vNIC) performance improvements
- Hybrid network virtualization (HNV) support for Linux
- VIOS maintenance tool to provide backup and restore; verify redundancy of dual VIOS and VIOS setup
- User experience enhancements, including control over client visibility of VIOS
- Shared Storage Pool (SSP) enhancements, including dynamic thickening of devices
- Ansible^(R) collection for VIOS included with Red Hat^(R) Ansible Automation Platform

IBM PowerVC 2.0.2

PowerVC 2.0.2 includes:

- Power10 support
- Updated to OpenStack Wallaby release
- IBM Spectrum^(R) Virtualize (SVC) HyperSwap^(R) support
- Thin provisioning with thresholds to help manage physical capacity of a pool
- Standalone backup node for import and export
- IBM Cloud^(R) Object Storage integration for import and export of images
- Display of additional storage and pool properties for overprovisioning and threshold
- Use of OpenStack Placement for scheduling
- Unused private flavors are periodically deleted

Key requirements

PowerVM

- IBM PowerVM Linux Edition (5765-VL3): IBM POWER8^(R), or later, technology-based server
- IBM PowerVM Standard Edition (5765-VS3): POWER8 technology-based server
- IBM PowerVM Enterprise Edition (5765-VE3): POWER8, or later, technology-based server

PowerVC

- IBM PowerVC (5765-VCS): POWER8, or later, technology-based server
- IBM PowerVC for Private Cloud (5765-VCC): POWER8, or later, technology-based server

Effective date

September 10, 2021

Program number

Program number	VRM	Program name
5765-VL3	3.1.3	IBM PowerVM Linux Edition
5765-VS3	3.1.3	IBM PowerVM Standard Edition
5765-VE3	3.1.3	IBM PowerVM Enterprise Edition
5765-VS2	2.0.2	IBM PowerVC
5765-VC2	2.0.2	IBM PowerVC for Private Cloud

Announcement countries

All European, Middle Eastern, and African countries, except Islamic Republic of Iran, Syrian Arab Republic, and the Crimea region of Ukraine (Crimea).

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