

# IBM PowerVM and IBM PowerVC are enhanced with additional virtualization capabilities

## Table of contents

<a href="#">1 Overview</a>	<a href="#">2 Effective date</a>
<a href="#">1 Key requirements</a>	<a href="#">2 Program number</a>

## Overview

### IBM<sup>(R)</sup> PowerVM<sup>(R)</sup> 3.1.3

IBM PowerVM 3.1.3, which delivers industrial-strength enterprise virtualization for IBM AIX<sup>(R)</sup>, IBM i, and Linux<sup>(R)</sup> environments on IBM Power<sup>(R)</sup> 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<sup>(R)</sup> collection for VIOS included with Red Hat<sup>(R)</sup> Ansible Automation Platform

### IBM PowerVC 2.0.2

PowerVC 2.0.2 includes:

- Power10 support
- Updated to OpenStack Wallaby release
- IBM Spectrum<sup>(R)</sup> Virtualize (SVC) HyperSwap<sup>(R)</sup> support
- Thin provisioning with thresholds to help manage physical capacity of a pool
- Standalone backup node for import and export
- IBM Cloud<sup>(R)</sup> 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<sup>(R)</sup>, 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

## Trademarks

IBM, PowerVM, AIX, Power, IBM Spectrum, HyperSwap, IBM Cloud and POWER8 are registered trademarks of IBM Corporation in the United States, other countries, or both.

The registered trademark Linux® is used pursuant to a sublicense from the Linux Foundation, the exclusive licensee of Linus Torvalds, owner of the mark on a world-wide basis.

Ansible and Red Hat are registered trademarks of Red Hat Inc. in the U.S. and other countries.

Other company, product, and service names may be trademarks or service marks of others.

## Terms of use

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Additional terms of use are located at

[Terms of use](#)

For the most current information regarding IBM products, consult your IBM representative or reseller, or go to the [IBM worldwide contacts page](#)

[IBM United States](#)