

# Oracle VM Windows Paravirtual Drivers

Oracle VM Server for x86 is a server virtualization and management solution that makes enterprise applications easier to deploy, manage, and support, all with zero licensing costs. Backed by affordable, worldwide enterprise-quality support for both Oracle and non-Oracle environments, Oracle VM reduces operations and support costs while increasing IT efficiency and agility.

Oracle VM Windows Paravirtual (PV) Drivers are high-performance network and disk drivers that significantly reduce the overhead of the traditional implementation of I/O device emulation. These drivers provide improved network and disk throughput to run fully virtualized Windows guests in an Oracle VM Server for x86 environment.

## Support Windows applications in your virtual environment

Oracle VM Windows PV Drivers improve performance for network and block (disk) devices on Microsoft Windows™ guests running in a virtual environment on Oracle VM. The high-performance network and disk drivers significantly reduce the overhead of the traditional implementation of I/O device emulation and provide improved network and disk throughput to run fully virtualized Windows guests in an Oracle VM Server for x86 environment.

Oracle VM Windows PV Drivers are signed by Microsoft as part of the software certification program and are listed in the [Windows Server Catalog](#). In addition, Oracle is a participant in the Microsoft Windows Server Virtualization Validation Program (SVVP). The Windows SVVP validates virtualized solutions so that Microsoft customers running copies of Windows Server can receive Microsoft technical support for the operating system running in the virtualized environment. Oracle VM Server for x86 along with the Oracle VM Windows PV Drivers have passed the Windows SVVP requirements and the validated configurations are published in the [Windows SVVP program listing](#).

With Oracle VM, you can deploy Windows applications and realize the full benefits of virtualization, without compromising performance. Learn the details of the supported Microsoft server software (e.g. SQL Server, Exchange Server) in the [Microsoft server software and supported virtualization environments note](#).

## Key business benefits

- High-performance network and disk drivers that significantly reduce the overhead of the traditional implementation of I/O device emulation
- Improved network and disk throughput to run fully virtualized Windows guests in an Oracle VM Server for x86 environment

## Key features

- Support for all widely used Microsoft Windows operating systems
- Oracle VM Windows PV Drivers are signed by Microsoft as part of the software certification program in the Windows Server Catalog
- Oracle VM Server for x86 along with Oracle VM Windows PV Drivers have passed the Microsoft SVVP requirements

The following Windows guest operating systems are supported with the Oracle VM Windows PV Drivers:

- Microsoft Windows Server 2019
- Microsoft Windows Server 2016
- Microsoft Windows Server 2012 R2
- Microsoft Windows Server 2008 R2
- Microsoft Windows 10
- Microsoft Windows 8.1
- Microsoft Windows 8
- Microsoft Windows 7

#### Related services

- [Oracle VM Premier Support](#)
- [Oracle Premier Support for Systems](#)

## System requirements

Please refer to the [Oracle VM Windows PV Drivers Documentation](#) for specific software and hardware requirements, and installation instructions.

## Oracle VM support: The complete stack, one call worldwide

Oracle's world-class support organization offers Oracle VM Premier Support including:

- Access to patches, fixes, and updates delivered via the [Unbreakable Linux Network](#)
- 24x7 global support

Oracle VM software is available for [free download](#). Support for Oracle VM can be purchased via the [Oracle Store](#). Visit [Oracle Linux Support and Oracle VM Support Global Price List](#) for pricing details.

Oracle VM Extended Support became effective at the end of the Premier Support period in March 2021 and ends on June 30, 2024.

Visit the [Lifetime Support Policy: Coverage for Oracle Linux and Oracle VM](#) document for the support period of respective Oracle VM releases. For more information, read [Oracle Linux and Oracle VM Support Policies](#).

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