

Intel® Data Center Graphics Driver for VMware ESXi*

Release Notes

Document ID: 786751

2.0.2 Release Package

Package Name	gfx_ext_bin_2.0.2.46-8.0.3-24022510.zip
Release Date	11/05/2025
Supported HW	Intel® Corporation Data Center GPU Flex Series
Supported ESXi Version(s)	ESXi 8.0.3
SW/Driver Version	2.0.2
Package Content	Intel-idcgpu_2.0.2.46-1OEM.803.0.0.24022510.zip – Driver component Intel-idcgputools_2.0.2.46-1OEM.800.1.0.20613240.zip -Tool component LICENSE.txt – License Information README.md – Installation information THIRD_PARTY.txt – 3 rd party license information
Package SHA256 Checksum	192674A14D9CA57651F0C559314B13E2B006C6C6CD0F70EFF173752091D6F4E6

1 Purpose

This is the PR5.2 bug fix release for Intel® Data Center Graphics Driver for VMware ESXi* and tools recommended to be used as a replacement for any previous release.

2 Updates

This release includes changes listed in the following sections.

2.1 Bug Fixes

This maintenance release addresses several bug fixes including:

- PSODs during driver unload
- Unable to disable power threshold alert in vCenter plugin if previously set to 0
- Enable latest updates in GuC firmware

2.2 Compatibility and Limitations

- 4th Gen Intel® Xeon® Scalable Processors and newer required to support Intel GPU-enabled vMotion.

3 Known Issues

Reference	VMG-1667
Problem	ESXi supports a limited number of MSI interrupt cookies available for VMkernel drivers' usage. If they are exhausted, DVX driver will not be able to allocate interrupts for Virtual Devices which will result in VM being killed as soon as they are requested by Guest driver. This problem can be identified by the following message in vmkernel.log: WARNING: idcgpu s:b:d.f: Failed to enable VDEV MSI interrupt
Implication	VM is killed, any unsaved data is lost.
Workaround	To overcome this issue, increase the value of ESXi boot option "intrFirstMsixVector" from its default 0x70 to a larger value - 0x80 or 0x90: esxcli system settings kernel set -s intrFirstMsixVector -v 0x90 Note that increasing the number of available MSI interrupts will decrease the number of available MSI-X interrupts which may cause issues with other devices.
Resolution	No resolution in ESXi 8.0U3. Above workaround is required if limitation encountered.

4 Installation and Testing

Please refer to the following documents for information on how to install the release and verify it on your system

- README.md provided as a part of the package
- [Intel® Platform Monitoring Technology Driver for VMware ESXi*](#)
- [Intel® Device Manager for VMware* vCenter Server User Guide](#)

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