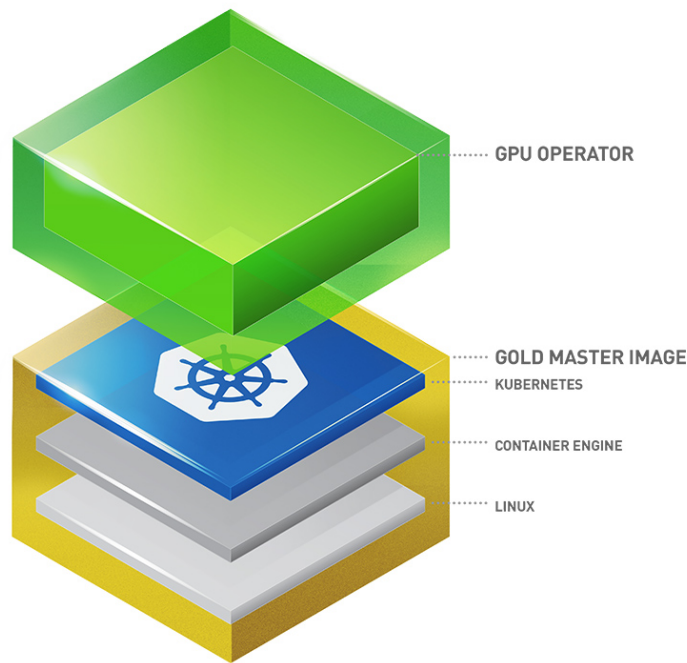


About the NVIDIA GPU Operator



Kubernetes provides access to special hardware resources such as NVIDIA GPUs, NICs, Infiniband adapters and other devices through the [device plugin framework](#). However, configuring and managing nodes with these hardware resources requires configuration of multiple software components such as drivers, container runtimes or other libraries which are difficult and prone to errors. The NVIDIA GPU Operator uses the [operator framework](#) within Kubernetes to automate the management of all NVIDIA software components needed to provision GPU. These components include the NVIDIA drivers (to enable CUDA), Kubernetes device plugin for GPUs, the [NVIDIA Container Toolkit](#), automatic node labeling using [GFD](#), [DCGM](#) based monitoring and others.

About This Documentation

Browse through the following documents for getting started, platform support and release notes for the NVIDIA GPU Operator.

Red Hat OpenShift Container Platform

Refer to [NVIDIA GPU Operator on Red Hat OpenShift Container Platform](#) for information about installing, managing, and upgrading the Operator on Red Hat OpenShift Container Platform.

Getting Started

The [Installing the NVIDIA GPU Operator](#) guide includes information on installing the GPU Operator in a Kubernetes cluster.

Release Notes

Refer to [Release Notes](#) for information about releases.

Platform Support

The [Platform Support](#) describes the supported platform configurations.

Licenses and Contributing

The NVIDIA GPU Operator source code is licensed under [Apache 2.0](#) and contributions are accepted with a DCO. Refer to the [contributing](#) document for more information on how to contribute and the release artifacts.

The base images used by the software might include software that is licensed under open-source licenses such as GPL. The source code for these components is archived on the [CUDA opensource index](#).

The following table identifies the licenses for the Operator and software components. By installing and using the GPU Operator, you accept the terms and conditions of these licenses.

Component	Artifact Type	Artifact Licenses
NVIDIA GPU Operator	Helm Chart	Apache 2.0
NVIDIA GPU Operator	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA GPU Feature Discovery	Image	Product-Specific Terms for NVIDIA AI Products

Component	Artifact Type	Artifact Licenses
NVIDIA GPU Driver	Image	License for Customer Use of NVIDIA Software Product-Specific Terms for NVIDIA AI Products
NVIDIA Container Toolkit	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA Kubernetes Device Plugin	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA MIG Manager for Kubernetes	Image	Product-Specific Terms for NVIDIA AI Products
Validator for NVIDIA GPU Operator	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA DCGM	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA DCGM Exporter	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA Driver Manager for Kubernetes	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA KubeVirt GPU Device Plugin	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA vGPU Device Manager	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA GDS Driver	Image	License for Customer Use of NVIDIA Software Product-Specific Terms for NVIDIA AI Products
NVIDIA Confidential Computing Manager for Kubernetes	Image	Product-Specific Terms for NVIDIA AI Products
NVIDIA Kata Manager for Kubernetes	Image	Product-Specific Terms for NVIDIA AI Products



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