NVIDIA GPU CLOUD VIRTUAL MACHINE IMAGE FOR ALIBABA CLOUD

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Release Notes
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Chapter 1. NVIDIA GPU CLOUD MACHINE IMAGE OVERVIEW

NVIDIA makes available on the Alibaba Cloud platform a customized NGC virtual machine image optimized for the NVIDIA® Volta™ GPU. Running NVIDIA GPU Cloud containers on this instance provides optimum performance for deep learning jobs.

See the NGC with Alibaba Cloud Setup Guide for instructions on setting up and using the VMI.
Chapter 2.
VERSION 19.01.1

Image Name

NVIDIA-GPU-Cloud-Image-19.01.1-2019.01.08

Contents of the NVIDIA GPU Cloud Virtual Machine Image

- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 410.79
- Docker CE: 18.06.1
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Known Issues

There are no known issues in this release.
Chapter 3. 
VERSION 18.11.1

Image Name

NVIDIA-GPU-Cloud-Image-18.11.1-2018.11.21

Contents of the NVIDIA GPU Cloud Virtual Machine Image

- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 410.79
- Docker CE: 18.06.1
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes

- Updated the NVIDIA driver to 410.79.

Known Issues

There are no known issues in this release.
Chapter 4.
VERSION 18.09.1

Image Name
NVIDIA-GPU-Cloud-Image-18.09.1

Contents of the NVIDIA GPU Cloud Virtual Machine Image
- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 410.48
- Docker CE: 18.06.1
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes
- Updated the NVIDIA driver to 410.48.
- Updated Docker CE to 18.06.1

Known Issues
There are no known issues in this release.
Chapter 5.
VERSION 18.08.1

Image Name
NVIDIA-GPU-Cloud-Image-18.08.1

Contents of the NVIDIA GPU Cloud Virtual Machine Image
- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 396.44
- Docker CE: 18.06-ce
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes
- Updated the NVIDIA driver to 396.44.
- Updated Docker CE to 18.06

Known Issues
There are no known issues in this release.
Chapter 6.
VERSION 18.07.1

Image Name
NVIDIA-GPU-Cloud-Image-18.07.1-2018.07.16

Contents of the NVIDIA GPU Cloud Virtual Machine Image
- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 396.37
- Docker CE: 18.03.1-ce
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes
- Updated the NVIDIA driver to 396.37.

Known Issues
There are no known issues in this release.
Chapter 7.
VERSION 18.06.1

Image Name
NVIDIA-GPU-Cloud-Image-18.06.1-2018.06.14

Contents of the NVIDIA GPU Cloud Virtual Machine Image
- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 396.26
- Docker CE: 18.03.1-ce
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes
- Updated the NVIDIA driver to 396.26.

Known Issues
There are no known issues in this release.
Chapter 8.
VERSION 18.05.1

Contents of the NVIDIA GPU Cloud Virtual Machine Image

- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 384.125
- Docker CE: 18.03.1-ce
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes

- Includes Ubuntu 16.04 security updates
- Updated Docker CE to version 18.03.1-ce

Known Issues

There are no known issues in this release.
Chapter 9.
VERSION 18.04.1

Contents of the NVIDIA GPU Cloud Virtual Machine Image

- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 384.125
- Docker CE: 18.03.0-ce
- NVIDIA Container Runtime for Docker: (nvidia-docker2) v2.0.3

Key Changes

- Updated the NVIDIA Driver to version 384.125
- Updated Docker CE to version 18.03.0-ce

Known Issues

There are no known issues in this release.
Chapter 10.  
VERSION 18.03.0

Contents of the NVIDIA GPU Cloud Virtual Machine Image

- Ubuntu Server: 16.04 LTS
- NVIDIA Driver: 384.111
- Docker CE: 17.12.1-ce
- NVIDIA Container Runtime: (nvidia-docker2) v2.0.3

Known Issues

There are no known issues in this release.
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