



## **Where to Find Additional Information**

### **NetApp Solutions**

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To learn more about the information that is described in this document, see the following resources:

- Cnvrg.io ( <https://cnvrg.io>):
  - Cnvrg CORE (free ML platform)  
<https://cnvrg.io/platform/core>
  - Cnvrg docs  
<https://app.cnvrg.io/docs>
- NVIDIA DGX-1 servers:
  - NVIDIA DGX-1 servers  
<https://www.nvidia.com/en-us/data-center/dgx-1/>
  - NVIDIA Tesla V100 Tensor Core GPU  
<https://www.nvidia.com/en-us/data-center/tesla-v100/>
  - NVIDIA GPU Cloud (NGC)  
<https://www.nvidia.com/en-us/gpu-cloud/>
- NetApp AFF systems:
  - AFF datasheet  
<https://www.netapp.com/us/media/d-3582.pdf>
  - NetApp FlashAdvantage for AFF  
<https://www.netapp.com/us/media/ds-3733.pdf>
  - ONTAP 9.x documentation  
<http://mysupport.netapp.com/documentation/productlibrary/index.html?productID=62286>
  - NetApp FlexGroup technical report  
<https://www.netapp.com/us/media/tr-4557.pdf>
- NetApp persistent storage for containers:
  - NetApp Trident  
<https://netapp.io/persistent-storage-provisioner-for-kubernetes/>
- NetApp Interoperability Matrix:
  - NetApp Interoperability Matrix Tool  
<http://support.netapp.com/matrix>

- ONTAP AI networking:

- Cisco Nexus 3232C Switches

<https://www.cisco.com/c/en/us/products/switches/nexus-3232c-switch/index.html>

- Mellanox Spectrum 2000 series switches

[http://www.mellanox.com/page/products\\_dyn?product\\_family=251&mtag=sn2000](http://www.mellanox.com/page/products_dyn?product_family=251&mtag=sn2000)

- ML framework and tools:

- DALI

<https://github.com/NVIDIA/DALI>

- TensorFlow: An Open-Source Machine Learning Framework for Everyone

<https://www.tensorflow.org/>

- Horovod: Uber's Open-Source Distributed Deep Learning Framework for TensorFlow

<https://eng.uber.com/horovod/>

- Enabling GPUs in the Container Runtime Ecosystem

<https://devblogs.nvidia.com/gpu-containers-runtime/>

- Docker

<https://docs.docker.com>

- Kubernetes

<https://kubernetes.io/docs/home/>

- NVIDIA DeepOps

<https://github.com/NVIDIA/deepops>

- KubeFlow

<http://www.kubeflow.org/>

- Jupyter Notebook Server

<http://www.jupyter.org/>

- Dataset and benchmarks:

- NIH chest X-ray dataset

<https://nihcc.app.box.com/v/ChestXray-NIHCC>

- Xiaosong Wang, Yifan Peng, Le Lu, Zhiyong Lu, Mohammadhadi Bagheri, Ronald Summers, ChestX-ray8: Hospital-scale Chest X-ray Database and Benchmarks on Weakly-Supervised Classification and Localization of Common Thorax Diseases, IEEE CVPR, pp. 3462-3471, 2017TR-4841-0620

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