

Where to Find Additional Information

NetApp Solutions

Kevin Hoke May 24, 2021

Table of Contents

| Where to Find Additional Information | . ' |
|--------------------------------------|-----|
|--------------------------------------|-----|

Where to Find Additional Information

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

- · 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

Copyright Information

Copyright © 2021 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at http://www.netapp.com/TM are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.