



## Overview

### FlexPod

NetApp  
June 04, 2021

This PDF was generated from [https://docs.netapp.com/us-en/flexpod/healthcare/ehr-epic-deploy\\_deployment\\_and\\_configuration\\_overview.html](https://docs.netapp.com/us-en/flexpod/healthcare/ehr-epic-deploy_deployment_and_configuration_overview.html) on October 13, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Overview .....	1
Cabling diagram .....	1

# Overview

The NetApp storage FlexPod deployment guidance provided in this document covers:

- Environments that use ONTAP
- Environments that use Cisco UCS blade and rack-mount servers

This document does not cover:

- Detailed deployment of FlexPod Datacenter environment. See [FlexPod Datacenter with FC Cisco Validated Design](#).
- Overview of Epic software environments, reference architectures, and integration best practices guidance. See NetApp [TR-3928: NetApp Best Practices for Epic](#).
- Quantitative performance requirements and sizing guidance. See NetApp [TR-3930: NetApp Sizing Guidelines for Epic](#).
- Use of NetApp SnapMirror technologies to meet backup and disaster recovery requirements.
- Epic database backup and recovery, including SnapCenter.
- Generic NetApp storage deployment guidance.
- Deployment guidance for Clarity reporting environments. See NetApp [TR-4590: Best Practice Guide for Microsoft SQL Server with ONTAP](#).

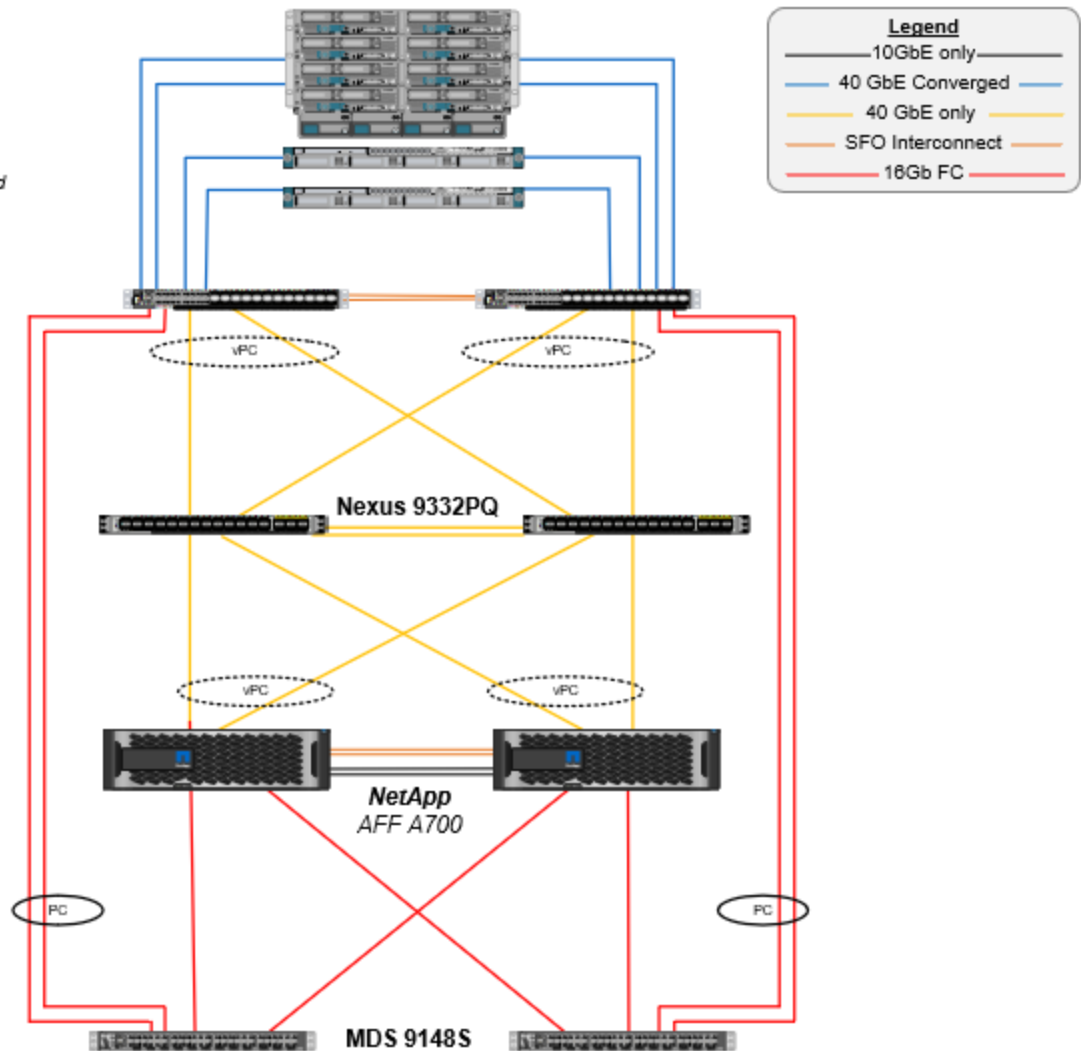
This section describes the lab environment setup with infrastructure deployment best practices. The GenIO tool is used to simulate the Epic EHR application workload. This section lists the various infrastructure hardware and software components and the versions used.

## Cabling diagram

The following figure illustrates the 16Gb FC/40GbE topology diagram for an Epic deployment.

## Unified Computing System

UCS 6332-16UP Fabric Interconnects & UCS B and C Series Servers



Next: Infrastructure Hardware and Software Components.

## 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.