Conclusion

FlexPod

NetApp
June 04, 2021

This PDF was generated from https://docs.netapp.com/us-en/flexpod/healthcare/ehr-epic-performance_conclusion.html on October 13, 2021. Always check docs.netapp.com for the latest.

Table of Contents

Conclusion 1

Conclusion

By 2020, all Epic customers must be on flash storage. NetApp ONTAP was the first all- flash array to get a high-comfort rating from Epic, and it is listed under Enterprise Storage Arrays. All NetApp platforms that run a GA version of ONTAP are high comfort.

Epic requires that critical workloads like Production, Report, and Clarity are physically separated on storage allocations called pools. NetApp provides multiple pools of storage in a single cluster with each node and offers a simplified single cluster and single OS for the entire Epic solution. ONTAP supports all protocols for NAS and SAN, with mixed tiers of storage for SSD, HDD, and cloud.

The introduction of Adaptive QoS in ONTAP 9.3, with significant enhancements in ONTAP 9.4, allows for the creation of storage pools with software without the need for physical separation. This capability greatly simplifies architecture development, permits the consolidation of nodes and disks, and improves performance for critical workloads like production by spreading across nodes. It also eliminates storage performance issues caused by bullies and guarantees consistent performance for the life of the workload.

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.