■ NetApp

Change Log

NetApp Solutions

NetApp May 16, 2023

This PDF was generated from https://docs.netapp.com/us-en/netapp-solutions/change-log-display.html on May 16, 2023. Always check docs.netapp.com for the latest.

Table of Contents

| NetApp Solutions | Change Log | | |
|------------------|------------|------|------|
| | | | |

NetApp Solutions Change Log

Recent changes to the NetApp Solutions collateral. The most recent changes are listed first.

All Changes

| Date | Solution Area | Description of change |
|----------------|----------------|--|
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 04/27/20 23 | Hybrid Cloud | Added Veeam Backup & Restore in VMware Cloud with AWS FSx for ONTAP |
| 03/31/20 23 | Database | Added Oracle Database Deployment and Protection in AWS FSx/EC2 with iSCSI/ASM |

| 03/31/20 23 | Database | Added Oracle Database Backup, Restore and Clone with SnapCenter Services |
|----------------|----------------|--|
| 03/29/20 23 | Automation | Updated blog "FSx for ONTAP Monitoring and Auto-Resizing using AWS Lambda Function" with options for private/public deployment along with manual/automated deployment options. |
| 03/22/20 23 | Automation | Added blog: FSx for ONTAP Monitoring and Auto-Resizing using AWS Lambda Function |
| 02/15/20 23 | Database | Added PostgreSQL High Availability Deployment and Disaster Recovery in AWS FSx/EC2 |
| 02/07/20 23 | Hybrid Cloud | Added blog: Announcing general availability of NetApp Cloud Volumes Service datastore support for Google Cloud VMware Engine |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with FSx for ONTAP and VMC (AWS VMware Cloud) |
| 01/24/20 23 | Database | Added TR-4954: Oracle Database Deployment and Protection on Azure NetApp Files |
| 01/12/20 23 | Database | Added blog: Protect your SQL Server workloads using NetApp SnapCenter with Amazon FSx for NetApp ONTAP |
| 12/15/20 22 | Database | Added TR-4923: SQL Server on AWS EC2 using Amazon FSx for NetApp ONTAP |
| 12/06/20 22 | Database | Added 7 videos for Oracle database modernization in hybrid cloud with Amazon FSx storage |
| 10/25/20 22 | Hybrid Cloud | Added link to VMware documentation for FSx ONTAP as an NFS datastore |
| 10/25/20 22 | Hybrid Cloud | Added reference to blog for Configuring Hybrid Cloud with FSx ONTAP and VMC on AWS SDDC using VMware HCX |
| 09/30/20 22 | Hybrid Cloud | Added solution for Migrating Workloads to FSxN datastore using VMware HCX |
| 09/29/20 22 | Hybrid Cloud | Added solution for Migrating Workloads to ANF datastore using VMware HCX |
| 09/14/20 22 | Hybrid Cloud | Added links to TCO calculators and simulators for FSxN / VMC and ANF / AVS |
| 09/14/20 22 | Hybrid Cloud | Added supplemental NFS datastore option for AWS / VMC |
| 08/25/20 22 | Database | Added blog - Modernize your Oracle database operation in hybrid cloud with Amazon FSx storage |
| 08/25/20 22 | Al | New solution: NVIDIA AI Enterprise with NetApp and VMware |
| 08/23/20 22 | Hybrid Cloud | Updated the latest region availability for all supplemental NFS datastore options |
| 08/05/20 22 | Virtualization | Added "Reboot Required" information for recommended ESXi and ONTAP settings |

| 07/28/20 22 | Hybrid Cloud | Added DR solution with SnapCenter and Veeam for AWS/VMC (guest connected storage) |
|----------------|--------------------------|---|
| 07/21/20 22 | Hybrid Cloud | Added DR solution with CVO and JetStream for AVS (guest connected storage) |
| 06/29/20 22 | Database | Added WP-7357: Oracle Database Deployment on EC2/FSx Best Practices |
| 06/16/20 22 | Al | Added NVIDIA DGX SuperPOD with NetApp design guide |
| 06/10/20 22 | Hybrid Cloud | Added AVS with ANF native datastore overview and DR with JetStream |
| 06/07/20 22 | Hybrid Cloud | Updated AVS region support to match public preview announcement / support |
| 06/07/20 22 | Data Analytics | Added link to NetApp EF600 with Splunk Enterprise solution |
| 06/02/20 22 | Hybrid Cloud | Added list of region availability for NFS datastores for NetApp Hybrid Multicloud with VMware |
| 05/20/20 22 | Al | New BeeGFS Design and Deployment guides for SuperPOD |
| 04/01/20 22 | Hybrid Cloud | Organized content of Hybrid Multicloud with VMware solutions: landing pages for each hyperscaler and inclusion of available solution (use case) content |
| 03/29/20 22 | Containers | Added a new TR: DevOps with NetApp Astra |
| 03/08/20 22 | Containers | Added a new video demo: Accelerate Software Development with Astra Control and NetApp FlexClone Technology |
| 03/01/20 22 | Containers | Added new sections to NVA-1160: Installation of Astra Control Center via OperatorHub and Ansible |
| 02/02/20 22 | General | Created landing pages to better organize content for AI and Modern Data Analytics |
| 01/22/20 22 | Al | Added TR: Data movement with E-Series and BeeGFS for AI and analytics workflows |
| 12/21/20 21 | General | Created landing pages to better organize content for Virtualization and Hybrid Multicloud with VMware |
| 12/21/20 21 | Containers | Added a new video demo: Leverage NetApp Astra Control to Perform Post-mortem Analysis and Restore Your Application to NVA-1160 |
| 12/06/20 21 | Hybrid Cloud | Creation of Hybrid Multicloud with VMware content for virtualization environment and guest connected storage options |
| 11/15/20 21 | Containers | Added a new video demo: Data Protection in CI/CD pipeline with Astra Control to NVA-1160 |
| 11/15/20 21 | Modern Data Analytics | New content: Best Practices for Confluent Kafka |

| 11/02/20 21 | Automation | AWS Authentication Requirements for CVO and Connector Using NetApp Cloud Manager |
|----------------|--------------------------|--|
| 10/29/20 21 | Modern Data Analytics | New content: TR-4657 - NetApp hybrid cloud data solutions: Spark and Hadoop |
| 10/29/20 21 | Database | Automated Data Protection for Oracle Databases |
| 10/26/20 21 | Database | Added blog section for enterprise applications and database to NetApp solutions tile. Added two blogs to Database blogs. |
| 10/18/20 21 | Database | TR-4908 - Hybrid Cloud Database Solutions with SnapCenter |
| 10/14/20 21 | Virtualization | Added parts 1-4 of NetApp with VMware VCF blog series |
| 10/04/20 21 | Containers | Added a new video demo: Workload Migration using Astra Control Center to NVA-1160 |
| 09/23/20 21 | Data Migration | New content: NetApp Best Practices for NetApp XCP |
| 09/21/20 21 | Virtualization | New content or ONTAP for VMware vSphere Administrators, VMware vSphere automation |
| 09/09/20 21 | Containers | Added F5 BIG-IP load balancer integration with OpenShift to NVA-1160 |
| 08/05/20 21 | Containers | Added a new technology integration to NVA-1160 - NetApp Astra Control Center on Red Hat OpenShift |
| 07/21/20 21 | Database | Automated Deployment of Oracle19c for ONTAP on NFS |
| 07/02/20 21 | Database | TR-4897 - SQL Server on Azure NetApp Files: Real Deployment View |
| 06/16/20 21 | Containers | Added a new video demo, Installing OpenShift Virtualization: Red Hat OpenShift with NetApp |
| 06/16/20 21 | Containers | Added a new video demo, Deploying a Virtual Machine with OpenShift Virtualization: Red Hat OpenShift with NetAppp |
| 06/14/20 21 | Database | Added solution: Microsoft SQL Server on Azure NetApp Files |
| 06/11/20 21 | Containers | Added a new video demo: Workload Migration using Astra Trident and SnapMirror to NVA-1160 |
| 06/09/20 21 | Containers | Added a new use-case to NVA-1160 - Advanced Cluster Management for Kubernetes on Red Hat OpenShift with NetApp |
| 05/28/20 21 | Containers | Added a new use-case to NVA-1160 - OpenShift Virtualization with NetApp ONTAP |
| 05/27/20 21 | Containers | Added a new use-case to NVA-1160- Multitenancy on OpenShift with NetApp ONTAP |
| 05/26/20 21 | Containers | Added NVA-1160 - Red Hat OpenShift with NetApp |

| 05/25/20 21 | Containers | Added blog: Installing NetApp Trident on Red Hat OpenShift – How to solve the Docker 'toomanyrequests' issue! |
|----------------|---------------------------|---|
| 05/19/20 21 | General | Added link to FlexPod solutions |
| 05/19/20 21 | Al | Converted AI Control Plane solution from PDF to HTML |
| 05/17/20 21 | General | Added Solution Feedback tile to main page |
| 05/11/20 21 | Database | Added automated deployment of Oracle 19c for ONTAP on NFS |
| 05/10/20 21 | Virtualization | New video: How to use vVols with NetApp and VMware Tanzu Basic, part 3 |
| 05/06/20 21 | Oracle Database | Added link to Oracle 19c RAC Databases on FlexPod DataCenter with Cisco UCS and NetApp AFF A800 over FC |
| 05/05/20 21 | Oracle Database | Added FlexPod Oracle NVA (1155) and Automation video |
| 05/03/20 21 | Desktop Virtualization | Added link to FlexPod Desktop Virtualization solutions |
| 04/30/20 21 | Virtualization | Video: How to use vVols with NetApp and VMware Tanzu Basic, part 2 |
| 04/26/20 21 | Containers | Added blog: Using VMware Tanzu with ONTAP to accelerate your Kubernetes journey |
| 04/06/20 21 | General | Added "About this Repository" |
| 03/31/20 21 | Al | Added TR-4886 - Al Inferencing at the Edge: NetApp ONTAP with Lenovo ThinkSystem Solution Design |
| 03/29/20 21 | Modern Data Analytics | Added NVA-1157 - Apache Spark Workload with NetApp Storage Solution |
| 03/23/20 21 | Virtualization | Video: How to use vVols with NetApp and VMware Tanzu Basic, part 1 |
| 03/09/20 21 | General | Added E-Series content; categorized AI content |
| 03/04/20 21 | Automation | New content: getting started with NetApp solution automation |
| 02/18/20 21 | Virtualization | Added TR-4597 - VMware vSphere for ONTAP |
| 02/16/20 21 | Al | Added automated deployment steps for Al Edge Inferencing |
| 02/03/20 21 | SAP | Added landing page for all SAP and SAP HANA content |
| 02/01/20 | Desktop Virtualization | VDI with NetApp VDS, Added content for GPU nodes |

| 01/06/20 21 | Al | New solution: NetApp ONTAP AI with NVIDIA DGX A100 Systems and Mellanox Spectrum Ethernet Switches (Design and Deployment) |
|----------------|---------|--|
| 12/22/20 20 | General | Initial release of NetApp Solutions repository |

Al / Data Analytics

| Date | Solution Area | Description of change |
|----------------|--------------------------|--|
| 08/25/20 22 | Al | New solution: NVIDIA AI Enterprise with NetApp and VMware |
| 06/16/20 22 | Al | Added NVIDIA DGX SuperPOD with NetApp design guide |
| 06/07/20 22 | Data Analytics | Added link to NetApp EF600 with Splunk Enterprise solution |
| 05/20/20 22 | Al | New BeeGFS Design and Deployment guides for SuperPOD |
| 02/02/20 22 | General | Created landing pages to better organize content for AI and Modern Data Analytics |
| 01/22/20 22 | Al | Added TR: Data movement with E-Series and BeeGFS for AI and analytics workflows |
| 11/15/20 21 | Modern Data Analytics | New content: Best Practices for Confluent Kafka |
| 10/29/20 21 | Modern Data Analytics | New content: TR-4657 - NetApp hybrid cloud data solutions: Spark and Hadoop |
| 05/19/20 21 | Al | Converted AI Control Plane solution from PDF to HTML |
| 03/31/20 21 | Al | Added TR-4886 - Al Inferencing at the Edge: NetApp ONTAP with Lenovo ThinkSystem Solution Design |
| 03/29/20 21 | Modern Data Analytics | Added NVA-1157 - Apache Spark Workload with NetApp Storage Solution |
| 02/16/20 21 | Al | Added automated deployment steps for AI Edge Inferencing |
| 01/06/20 21 | Al | New solution: NetApp ONTAP AI with NVIDIA DGX A100 Systems and Mellanox Spectrum Ethernet Switches (Design and Deployment) |

Hybrid Multicloud

| Date | Solution Area | Description of change |
|----------------|------------------|--|
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |

| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
|----------------|-----------------|---|
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with Azure NetApp Files (ANF) and Azure VMware Solution (AVS) |
| 04/27/20 23 | Hybrid Cloud | Added Veeam Backup & Restore in VMware Cloud with AWS FSx for ONTAP |
| 02/07/20 23 | Hybrid Cloud | Added blog: Announcing general availability of NetApp Cloud Volumes Service datastore support for Google Cloud VMware Engine |
| 02/07/20 23 | Hybrid Cloud | Added TR-4955: Disaster Recovery with FSx for ONTAP and VMC (AWS VMware Cloud) |
| 10/25/20 22 | Hybrid Cloud | Added link to VMware documentation for FSx ONTAP as an NFS datastore |
| 10/25/20 22 | Hybrid Cloud | Added reference to blog for Configuring Hybrid Cloud with FSx ONTAP and VMC on AWS SDDC using VMware HCX |
| 09/30/20 22 | Hybrid Cloud | Added solution for Migrating Workloads to FSxN datastore using VMware HCX |
| 09/29/20 22 | Hybrid Cloud | Added solution for Migrating Workloads to ANF datastore using VMware HCX |
| 09/14/20 22 | Hybrid Cloud | Added links to TCO calculators and simulators for FSxN / VMC and ANF / AVS |
| 09/14/20 22 | Hybrid Cloud | Added supplemental NFS datastore option for AWS / VMC |
| 08/23/20 22 | Hybrid Cloud | Updated the latest region availability for all supplemental NFS datastore options |
| 07/28/20 22 | Hybrid Cloud | Added DR solution with SnapCenter and Veeam for AWS/VMC (guest connected storage) |
| 07/21/20 22 | Hybrid Cloud | Added DR solution with CVO and JetStream for AVS (guest connected storage) |
| 06/10/20 22 | Hybrid Cloud | Added AVS with ANF native datastore overview and DR with JetStream |
| 06/07/20 22 | Hybrid Cloud | Updated AVS region support to match public preview announcement / support |
| 06/02/20 22 | Hybrid Cloud | Added list of region availability for NFS datastores for NetApp Hybrid Multicloud with VMware |
| 04/01/20 22 | Hybrid Cloud | Organized content of Hybrid Multicloud with VMware solutions: landing pages for each hyperscaler and inclusion of available solution (use case) content |
| 12/21/20 21 | General | Created landing pages to better organize content for Virtualization and Hybrid Multicloud with VMware |
| 12/06/20 21 | Hybrid Cloud | Creation of Hybrid Multicloud with VMware content for virtualization environment and guest connected storage options |

Virtualization

| Date | Solution Area | Description of change |
|----------------|---------------------------|---|
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 05/04/20 23 | Virtualization | Added "What's New with VMware vSphere 8" content |
| 08/05/20 22 | Virtualization | Added "Reboot Required" information for recommended ESXi and ONTAP settings |
| 04/01/20 22 | Hybrid Cloud | Organized content of Hybrid Multicloud with VMware solutions: landing pages for each hyperscaler and inclusion of available solution (use case) content |
| 12/21/20 21 | General | Created landing pages to better organize content for Virtualization and Hybrid Multicloud with VMware |
| 10/14/20 21 | Virtualization | Added parts 1-4 of NetApp with VMware VCF blog series |
| 09/21/20 21 | Virtualization | New content or ONTAP for VMware vSphere Administrators, VMware vSphere automation |
| 05/10/20 21 | Virtualization | New video: How to use vVols with NetApp and VMware Tanzu Basic, part 3 |
| 05/03/20 21 | Desktop Virtualization | Added link to FlexPod Desktop Virtualization solutions |
| 04/30/20 21 | Virtualization | Video: How to use vVols with NetApp and VMware Tanzu Basic, part 2 |
| 04/26/20 21 | Containers | Added blog: Using VMware Tanzu with ONTAP to accelerate your Kubernetes journey |
| 03/23/20 21 | Virtualization | Video: How to use vVols with NetApp and VMware Tanzu Basic, part 1 |
| 02/18/20 21 | Virtualization | Added TR-4597 - VMware vSphere for ONTAP |
| 02/01/20 21 | Desktop Virtualization | VDI with NetApp VDS, Added content for GPU nodes |

Containers

| Date | Solution Area | Description of change |
|----------------|--------------------|--|
| 03/29/20 22 | Containers | Added a new TR: DevOps with NetApp Astra |
| 03/08/20 22 | Containers | Added a new video demo: Accelerate Software Development with Astra Control and NetApp FlexClone Technology |
| 03/01/20 22 | Containers | Added new sections to NVA-1160: Installation of Astra Control Center via OperatorHub and Ansible |
| 12/21/20 21 | Containers | Added a new video demo: Leverage NetApp Astra Control to Perform Post-mortem Analysis and Restore Your Application to NVA-1160 |
| 11/15/20 21 | Containers | Added a new video demo: Data Protection in CI/CD pipeline with Astra Control to NVA-1160 |
| 10/04/20 21 | Containers | Added a new video demo: Workload Migration using Astra Control Center to NVA-1160 |
| 09/09/20 21 | Containers | Added F5 BIG-IP load balancer integration with OpenShift to NVA-1160 |
| 08/05/20 21 | Containers | Added a new technology integration to NVA-1160 - NetApp Astra Control Center on Red Hat OpenShift |
| 06/16/20 21 | Containers | Added a new video demo, Installing OpenShift Virtualization: Red Hat OpenShift with NetApp |
| 06/16/20 21 | Containers | Added a new video demo, Deploying a Virtual Machine with OpenShift Virtualization: Red Hat OpenShift with NetAppp |
| 06/11/20 21 | Containers | Added a new video demo: Workload Migration using Astra Trident and SnapMirror to NVA-1160 |
| 06/09/20 21 | Containers | Added a new use-case to NVA-1160 - Advanced Cluster Management for Kubernetes on Red Hat OpenShift with NetApp |
| 05/28/20 21 | Containers | Added a new use-case to NVA-1160 - OpenShift Virtualization with NetApp ONTAP |
| 05/27/20 21 | Containers | Added a new use-case to NVA-1160- Multitenancy on OpenShift with NetApp ONTAP |
| 05/26/20 21 | Containers | Added NVA-1160 - Red Hat OpenShift with NetApp |
| 05/25/20 21 | Containers | Added blog: Installing NetApp Trident on Red Hat OpenShift – How to solve the Docker 'toomanyrequests' issue! |
| 05/10/20 21 | Virtualizatio n | New video: How to use vVols with NetApp and VMware Tanzu Basic, part 3 |
| 04/30/20 21 | Virtualizatio n | Video: How to use vVols with NetApp and VMware Tanzu Basic, part 2 |
| 04/26/20 21 | Containers | Added blog: Using VMware Tanzu with ONTAP to accelerate your Kubernetes journey |
| 03/23/20 21 | Virtualizatio n | Video: How to use vVols with NetApp and VMware Tanzu Basic, part 1 |

| Enterpri | se Apps | and DB |
|----------|---------|--------|
|----------|---------|--------|

| Date | Solution Area | Description of change | |
|----------------|------------------|--|--|
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP | |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP | |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP | |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP | |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP | |
| 05/05/20 23 | Database | New TR-4951: Backup and Recovery for Microsoft SQL Server on AWS FSx for ONTAP | |
| 03/31/20 23 | Database | Added Oracle Database Deployment and Protection in AWS FSx/EC2 with iSCSI/ASM | |
| 03/31/20 23 | Database | Added Oracle Database Backup, Restore and Clone with SnapCenter Services | |
| 02/15/20 23 | Database | Added PostgreSQL High Availability Deployment and Disaster Recovery in AWS FSx/EC2 | |
| 01/24/20 23 | Database | Added TR-4954: Oracle Database Deployment and Protection on Azure NetApp Files | |
| 01/12/20 23 | Database | Added blog: Protect your SQL Server workloads using NetApp SnapCenter with Amazon FSx for NetApp ONTAP | |
| 12/15/20 22 | Database | Added TR-4923: SQL Server on AWS EC2 using Amazon FSx for NetApp ONTAP | |
| 12/06/20 22 | Database | Added 7 videos for Oracle database modernization in hybrid cloud with Amazon FSx storage | |
| 08/25/20 22 | Database | Added blog - Modernize your Oracle database operation in hybrid cloud with Amazon FSx storage | |
| 06/29/20 22 | Database | Added WP-7357: Oracle Database Deployment on EC2/FSx Best Practices | |
| 10/29/20 21 | Database | Automated Data Protection for Oracle Databases | |
| 10/26/20 21 | Database | Added blog section for enterprise applications and database to NetApp solutions tile. Added two blogs to Database blogs. | |
| 10/18/20 21 | Database | TR-4908 - Hybrid Cloud Database Solutions with SnapCenter | |
| 07/21/20 21 | Database | Automated Deployment of Oracle19c for ONTAP on NFS | |

| 07/02/20 21 | Database | TR-4897 - SQL Server on Azure NetApp Files: Real Deployment View |
|----------------|--------------------|---|
| 06/14/20 21 | Database | Added solution: Microsoft SQL Server on Azure NetApp Files |
| 05/11/20 21 | Database | Added automated deployment of Oracle 19c for ONTAP on NFS |
| 05/06/20 21 | Oracle Database | Added link to Oracle 19c RAC Databases on FlexPod DataCenter with Cisco UCS and NetApp AFF A800 over FC |
| 05/05/20 21 | Oracle Database | Added FlexPod Oracle NVA (1155) and Automation video |
| 02/03/20 21 | SAP | Added landing page for all SAP and SAP HANA content |



For more information on SAP and SAP HANA updates, refer to the "Update History" content present for each of the solutions in the SAP Solutions Repository.

Data Protection and Data Migration

| Date | Solution Area | Description of change |
|------------|----------------|---|
| 10/29/2021 | Database | Automated Data Protection for Oracle Databases |
| 09/23/2021 | Data Migration | New content: NetApp Best Practices for NetApp XCP |

Solution Automation

| Date | Solution Area | Description of change |
|----------------|------------------|--|
| 03/29/20 23 | Automation | Updated blog "FSx for ONTAP Monitoring and Auto-Resizing using AWS Lambda Function" with options for private/public deployment along with manual/automated deployment options. |
| 03/22/20 23 | Automation | Added blog: FSx for ONTAP Monitoring and Auto-Resizing using AWS Lambda Function |
| 11/02/20 21 | Automation | AWS Authentication Requirements for CVO and Connector Using NetApp Cloud Manager |
| 10/29/20 21 | Database | Automated Data Protection for Oracle Databases |
| 07/21/20 21 | Database | Automated Deployment of Oracle19c for ONTAP on NFS |
| 05/11/20 21 | Database | Added automated deployment of Oracle 19c for ONTAP on NFS |
| 03/04/20 21 | Automation | New content: getting started with NetApp solution automation |

Copyright information

Copyright © 2023 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.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

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.