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- Version: 3.6
- Date: January 4, 2018
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- OpenStack Deployment and Operations Guide
- Set up FCoE Connectivity for a Cisco UCS Blade
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- Supported SMB 3.0 functionality
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- UCS Appliance Port Connectivity and Troubleshooting
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- Cisco FlexPod Datacenter with VMware vSphere 6.0 Design Guide
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- TR-4333 - VMware vSphere 6 on NetApp Clustered Data ONTAP - Best Practices using vSphere Web Client
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- **UCS with VMware ESXi End-to-End Jumbo MTU Configuration Example**
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- **Virtual Port Channel Operations**
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- vmk0 management network MAC address is not updated when NIC card is replaced or vmkernel has duplicate MAC address
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NetApp Certified Implementation Engineer – SAN, ONTAP (NS0-507)

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NetApp Certified Storage Associate – Hybrid Cloud (NS0-146)

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- SNIA Storage Management Initiative Specification
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- Technical Overview of OnCommand Management Solutions for Clustered Data ONTAP
- Technical Overview of StorageGRID Webscale
- Understanding root-data partitioning
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- Installing the 16-port Cisco unified port expansion module in Nexus 5596 cluster switches
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- Upgrade and Revert/Downgrade Guide
- Troubleshooting Workflow: AutoSupport messages are not received by NetApp (HTTP/SMTP) or partner (SMTP)
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- Clustered Data ONTAP 8.3 Commands: Manual Page Reference
- Upgrade Data ONTAP for FAS/V32XX, SA320, FAS/V62XX, SA620 systems to avoid Firmware issues that might cause a system outage when a motherboard, SAS PCI Card, or NVRAM8 is replaced
- System-Level Diagnostics Guide
- Clustered Data ONTAP 8.3 Data Storage Management Guide
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- Commands for diagnosing network problems
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- Chassis fan FRU failure on 32xx systems

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How to capture packet traces on Data ONTAP 8 Cluster-Mode systems
Data ONTAP 8.3 Reference - cluster statistics show
Clustered Data ONTAP® 8.3 High-Availability Configuration Guide
Clustered Data ONTAP® 8.2 Physical Storage Management Guide
Data ONTAP® 8.2 Storage Management Guide For 7-Mode
NFS File Access Reference Guide
Data ONTAP® 8.2 Network Management Guide For 7-Mode
Triage Template for OnCommand Unified Manager 6.x
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KB 2017908 Troubleshooting Workflow: Permission denied (CIFS)
Data ONTAP® 8.2 Archive and Compliance Management Guide
Successfully Transitioning to Clustered Data ONTAP
ADP Conversion – Non-Disruptive Procedure
Data ONTAP 8.2.3 System Administration Guide
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How to determine if you have high efficiency power supplies (HE PSU) in the disk shelf
NetApp KB ID: 2022109 - Troubleshooting Workflow: Node is out of CLAM quorum
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- Advanced performance analysis presentation at Insight
- After re-seating or replacing an IOM shelf module shelf serial numbers are displayed instead of shelf IDs in sysconfig -a
- Alert LED turned ON on a Shelf without any other observed fault or DC UNDER VOLTAGE messages
- Antivirus Solution Guide for Clustered Data ONTAP: McAfee
- AutoSupport Message: Health Monitor Process CSHM
- AutoSupport Message: MAXIMUM EXITS THRESHOLD OF A PROCESS MANAGED BY SPM IS REACHED
- AutoSupport Message: ROOT VOLUME NOT WORKING PROPERLY: RECOVERY REQUIRED
- Broadcast-domain configured with ports from multiple VLANs
- Can I upgrade a controller without moving its volumes?
- Clustered Data ONTAP 8.3: Network Management Guide
- Clustered Data ONTAP cluster interconnect issues between HA pairs
- Clustered Data ONTAP® 8.3 File Access Management Guide for NFS
- Creating an Infinite Volume with small constituents
- df reports incorrect information while running Infinite Volume Space Accounting
- DS4243, DS2246, DS4486, and DS4246 Disk Shelf SAS and ACP Cabling Guide
- Enabling or disabling pNFS
- Enabling Storage Efficiency on transitioned volumes from 7MTT
- FAQ: ADR FS/ADR Engine/BRE performance issues
- FAQ: CPU utilization in Data ONTAP: Scheduling and Monitoring
- FAQ: Handling watchdog resets
- FAQ: Troubleshooting LACP port channel/ interface groups
- FCP/FCoE LIF reports operationally down
- File Access Management Guide for CIFS
- FlexVol: Flexible, Efficient File Volume Virtualization in WAFL
- General HA issues in clustered Data ONTAP
- High Protocol Latency on FAS 25xx with clustered Data ONTAP for remote LIF traffic
- How to assess disk-level response times
- How to collect additional information from FAS22xx/ FAS32xx/ FAS62xx/FAS8xxx series storage systems for panics related to NMI/ Watchdog/ Uncorrectable Machine Check events
- How to collect data for an RCA of a SAN event that occurred in the past
- How to collect performance data when Perfstat8 fails by using preset files and manual data collection
- How to collect rolling pkt trace files (from clustered Data ONTAP 8.3.2 )
- How to configure DNS per SVM for versions later than clustered Data ONTAP 8.2.1
- How to give a client full control to a junctioned volume over NFS, but no access (not even read access) to the root volume of a vserver
- How to move mroot to a new root aggregate in a single node cluster
- How to replace a disk drive in AFF configurations
- How to troubleshoot an HA Interconnect error in a Fabric MetroCluster
- How to troubleshoot network issues in clustered Data ONTAP
- How to troubleshoot the ‘Autolocation’ feature in Clustered Data ONTAP
- How to verify Windows fibre channel configurations with multipathing I/O (MPIO)
- Identifying CIFS latency in clustered Data ONTAP due to a client’s vscan server
- INTERNAL: Troubleshooting Workflow: Mroot recovery process
- List of supported privileges
- MCC Config Advisor FCVI port setting errors
- MetroCluster fabric FCVI port reset
- Name Services Best Practices Guide
- Name services fail due to multiple default gateways with the same metric
- Network access might be disrupted by incorrect routing configuration in clustered Data ONTAP
- New Cluster Filer is being Set up The Root Volume is Damaged
- NFS Best Practice and Implementation Guide
- OEM: A node is out of quorum
• OEM: Cannot log into the Cluster Mode node using admin as the user ID
• OEM: Network interface show reports: This table is currently empty
• OEM: RAID Error Propagation in Data ONTAP 7.3.1- FAQ
• OEM: What protocol errors are given to clients by RAID Error Propagation?
• ONTAP 9 CIFS and NFS Multiprotocol Configuration Express Guide
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• Overflow of wafliron
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• SAN configuration guide
• SAS adapter connected to misconfigured SAS domain
• SAS Disk Shelves
• SAS: Shelf ID is not set or is in conflict with an existing shelf
• scsiblade.out.of.quorum error seen immediately after giveback completes
• Services Partners: CLAM Functionality in clustered Data ONTAP and how it determines nodes to be out of CLAM quorum
• SERVICES PARTNERS: Host performs excessive Active Non-Optimized Path IO in Data ONTAP 8.3
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• Simultaneous loss of both node mailbox disks causes system disruption
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• Storage Performance Primer Clustered Data ONTAP 8.3
• TCP Congestion Control
• The Write-Anywhere-File-Layout (WAF)
• Troubleshooting CIFS or SMB Access Denied
• Troubleshooting Workflow: CIFS Authentication failures
• Troubleshooting Workflow: MHost RDB apps out of quorum
• Troubleshooting Workflow: Most common issues with multi-domain search for usermapping
• Troubleshooting Workflow: Not enough aggregates to create an Infinite Volume
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• Unable to join a second node to cluster with error: Remote ping test failed
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• What are the important changes to RAID scrub in Data ONTAP 8.3.x?
• What is a MailBox disk?
• What is CIFS Max Multiplex and how to increase maximum number of simultaneous outstanding Windows client requests that a controller allows?
• What is deswizzler or deswizzling?
• Why do NFSv4 and NFSv4.1 I/O stop while a takeover/giveback, an aggregate relocation occur, or a VFiler Migration?
• Why is a warning displayed when attempting to create one or more data volumes in the root aggregate in Data ONTAP Cluster-Mode?