**NFS 7-Mode to cDOT Commands**

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| **7-Mode Command** | **Clustered Data ONTAP 8.3.x Command** | **What it does** |
| exportfs –c | vserver export-policy check-access | Verifies if a specific host has access to a specific mount and what level of access it has. |
| exportfs –f | vserver export-policy cache flush | Flushes the exports cache on a local node. Use with caution, as flushing cache causes it to need to be repopulated. |
| fsecurity show | vserver security file-directory show | Show the file owner, ACLs, permissions, etc. from ONTAP CLI. |
| getXXbyYY | getXXbyYY | Allows simulation of external name service queries from ONTAP CLI. (ie, LDAP, NIS) |
| ifstat | node run ifstat | Shows physical network port statistics. |
| lock status/break | vserver locks show/break | Shows and breaks NFS or CIFS locks on files. Use with caution. |
| nbtstat | vserver cifs nbtstat | Shows NetBIOS information. |
| netstat | node run netstat  network connections active show  network connections listening show | Shows network status, port information (listening, open, etc). |
| nfs diag show  access\_cache  nsdb\_cache | diag exports nblade access-cache show  diag nblade credentials show | Show diagnostic level NFS information. Use with caution. |
| nfs nsdb flush | diag nblade credentials flush | Flush the nsdb (Name Services Database) cache. |
| nfs\_hist | N/A | Shows nfs histogram. |
| nfsstat | statistics start -object nfs\*/statistics stop | Shows NFS related statistics. |
| nis info | nis show-statistics  nis show-bound-debug | Shows NIS information. |
| options nfs.mountd.trace | logger mgwd log modify -node -module mgwd::exports -level debug | Shows trace output of mount requests. Use with caution and always disable after use. Logs to /mroot/etc/mlog/mgwd.log. |
| options cifs.trace\_login | diag secd trace set -node -trace-all yes  diag secd log set -node -level debug -enter-exit on | Shows trace output of name mapping, CIFS logins,etc. Use with caution and always disable after use. Logs to /mroot/etc/mlog/secd.log. |
| ping | network ping | Runs ping. |
| pktt | node run [nodename] pktt | Collects a packet capture. For details on packet traces in clustered Data ONTAP, see the following knowledge base article.  [How to collect packet traces in clustered Data ONTAP](https://kb.netapp.com/support/index?page=content&id=1011204&actp=search&viewlocale=en_US&searchid=1433358037378) |
| route | network route | Create/show/delete routes. |
| sectrace | vserver security trace filter | Used to troubleshoot security/permissions issues. For more information, see the following knowledge base article:  [How to troubleshoot Microsoft Client permission issues on a NetApp Vserver running Clustered Data ONTAP](https://kb.netapp.com/support/index?page=content&id=1014284) |
| showfh | node run [nodename where file lives] “priv set diag; showfh” | Shows the file handle, FSID, etc for files and folders. |
| traceroute | traceroute | Trace routes between devices. |
| wcc | diag nblade credentials  diag secd authentication show-creds | Show/flush credential stores on local nodes. Use with caution. |
| ypcat | N/A | Dumps contents of entire NIS map. |
| ypmatch | diag secd authentication show-ontap-admin-unix-creds | Fetches NIS object’s attributes. |
| ypwhich | diag secd connections show -node [nodename] -vserver [SVM] -type nis | Shows the NIS map server/master. |