



PROFESSIONAL SERVICES TECH NOTE #061

uptime command

The Concept

Like all operating systems, Data ONTAP has a command to tell you how long the operating system has been running. Data ONTAP use the Unix command **uptime** to not only display how long the system has been operational, but also counters for network protocol operations. Data ONTAP runs **uptime** automatically once an hour and logs the output to **/etc/messages**. Any time a system reboots, even on a clustered system, the uptime counter resets.

Examples

```
fas1> uptime
1:00pm up 324 days,2:05 0 NFS ops, 22301303976 CIFS ops, 3478 HTTP ops, 34460091523
FCP ops, 0 iSCSI ops
```

In partner mode during a cluster failover, the **uptime** command displays how long the failed system has been down and the host name of the live system.

What It Means To You

The primary reason for using **uptime** is to brag about how NetApp storage systems and your excellent administrative skills have kept the system operating without a hitch for so long. (There are customer systems with over 4 years of uptime...which means they have not been upgraded to the latest versions of software and firmware so are missing out on new features and functions.) If you are required to adhere to Service Level Agreements (SLA), the **uptime** command is a great way to monitor availability. When measuring against SLAs, it's important to keep a log of all planned and unplanned outages. SNMP based monitoring applications can query the storage system for uptime statistics. Unix script monitoring tools may use the 'rup' or 'ruptime' commands, which are not supported by Data ONTAP.

Note: The **uptime** command only reports statistics for the storage system and not individual vfilers.

More Information

Data ONTAP Command Reference Guide:

http://now.netapp.com/NOW/knowledge/docs/ontap/rel727/html/ontap/cmdref/man1/na_uptime.1.htm

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