



After rebooting the host, OS and cluster services fail to start

Snapdrive for Unix

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After rebooting the host, OS and cluster services fail to start

On a Solaris 10 host, if the file system fails to mount after reboot, OS and cluster does not start.

After rebooting the Solaris 10 host, if the service `svc:/system/filesystem/local` fails to mount any of the following file system, the dependent OS or cluster services does not start.

- Local file system
- Shared file system



The preceding file system must be created by SnapDrive for UNIX.

Workaround

1. Find the service that failed to start after the reboot by using the following command:

```
svcs -vx /network/inetd
```

Example:

```
# svcs -vx /network/inetd
svc:/network/inetd:default (inetd)
State: offline since Fri 25 May 2008 04:06:59 PM IST
Reason: Service svc:/system/filesystem/local:default
is not running because a method failed.
```

2. If the `service/system/filesystem/local:default` fails, find the persistent file system that is failed to mount by using the following command:

```
tail /var/svc/log/system-filesystem-local:default.log
```

Example:

```
# tail /var/svc/log/system-filesystem-local:default.log
[ May 25 15:58:35 Method "start" exited with status 95 ]
[ May 25 16:07:17 Executing start method
("/lib/svc/method/fs-local") ]
UX:vxfs fsck: ERROR: V-3-20693: cannot access device
/dev/vx/rdisk/dg2/fs1_SdHv:
UX:vxfs mount: ERROR: V-3-20003: Cannot open
/dev/vx/dsk/dg2/fs1_SdHv: No such device or address
UX:vxfs mount: ERROR: V-3-24996: Unable to get disk
layout version
WARNING: /sbin/mountall -l failed: exit status 1
[ May 25 16:07:18 Method "start" exited with status 95 ]
```

3. Comment the entries in `/etc/vfstab` for the file system that failed to mount after rebooting the host.
4. Restart the OS service: `svc:/system/filesystem/local:default` by executing the following commands:

- a. `svcadm disable`

```
svc:/system/filesystem/local:default
```

- b. `svcadm enable`

```
svc:/system/filesystem/local:default
```

The OS and cluster service starts.

5. For local file system that is failed to mount, complete the following steps:
 - a. Manually mount the file system.
 - b. Uncomment the `/etc/vfstab` entry.
6. For cluster services, complete the following steps:
 - a. Use the `cfsmount` command to check if the shared file systems are properly mounted.
 - b. Uncomment the `/etc/vfstab` entry on all cluster nodes for this file system.

```
svcadm enable
```

```
svc:/system/filesystem/local:default
```

7. If local or cluster file system fails to mount even after completing the preceding steps, contact NetApp technical support.

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