

---

## GUI is non responsive across all modules

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 20
- 

### Description:

Aleph is non responsive across all modules. This seems similar to outage due to Oracle space error on August 16 (SI 16384-205104).

This is what I have found thus far using util O/3/1

```
Thread 1 advanced to log sequence 12237 (LGWR switch)
Current log# 2 seq# 12237 mem# 0: /exlibris/oradata/aleph20/aleph20_redo02.log
Tue Sep 07 11:11:11 2010
Process m000 died, see its trace file
Tue Sep 07 11:11:11 2010
Trace dumping is performing id=[cdmp_20100907111111]
Tue Sep 07 11:11:11 2010
OS Audit file could not be created; failing after 5 retries
opidcl aborting process unknown ospid (13788_47387984891072) due to error ORA-9925
Tue Sep 07 11:11:11 2010
OS Audit file could not be created; failing after 5 retries
opidcl aborting process unknown ospid (14234_47846063152320) due to error ORA-9925
Tue Sep 07 11:15:47 2010
OS Audit file could not be created; failing after 5 retries
opidcl aborting process unknown ospid (21031_47196114218176) due to error ORA-9925
Tue Sep 07 11:15:47 2010
Trace dumping is performing id=[cdmp_20100907111547]
Tue Sep 07 11:15:47 2010
OS Audit file could not be created; failing after 5 retries
opidcl aborting process unknown ospid (20993_47899087064256) due to error ORA-9925
Tue Sep 07 11:36:17 2010
Errors in file /exlibris/app/oracle/diag/rdbms/aleph20/aleph20/trace/aleph20_psp0_2957.trc:
ORA-27300: OS system dependent operation:pipe failed with status: 23
ORA-27301: OS failure message: Too many open files in system
ORA-27302: failure occurred at: skgpspawn2
Tue Sep 07 11:36:18 2010
Process m000 died, see its trace file
```

### Resolution:

I see you were getting the "Too many open files in system" error in Oracle.

Following KB 16384-28193, I see the following on your (v20) server:

1. `./proc/sys/fs/file-max 32767`

2. fs.file-max in etc/sysctl.conf = 6553600
3. "nofile" (number of files) line in /etc/security/limits.conf: no such line.

Based on which, I suggest you:

1. Increase /proc/sys/fs/file-max to 65536.
2. Reduce the fs.file-max in /etc/sysctl.conf to 65536.
3. Add this line to /etc/security/limits.conf:

```
oracle hard nofile 65536
```

KB's 16384-28193 and 16384-8401 describe a relation between the "Too many open files" error and "limit descriptors". I find that "limit descriptors" on your server gives a result of 1024:

```
> limit descriptors
descriptors 1024
```

I think this may be too low. I think you should set it to 32767.

- 
- **Article last edited:** 10/8/2013