

Check whether all the required process is running - Should show 7 processes/Service

```
[root@myv1it-lin30 ~]# ps -ef |grep 'beam.smp|redis-server|memcached|postmaster|squid -D|haproxy|lighttpd' | grep -v grep | wc -l
```

```
root@myv1it-lin30:~  
[root@myv1it-lin30 ~]# ps -ef |grep 'beam.smp|redis-server|memcached|postmaster|squid -D|haproxy|lighttpd' | grep -v grep | wc -l  
7  
[root@myv1it-lin30 ~]#
```

Output should be 7, If less than 7 , find the missing process as below and restart the respective service:

```
[root@myv1it-lin30 ~]# ps -ef |grep 'beam.smp|redis-server|memcached|postmaster|squid -D|haproxy|lighttpd'
```

```
root@myv1it-lin30 ~]# ps -ef |grep 'beam.smp|redis-server|memcached|postmaster|squid -D|haproxy|lighttpd'  
redis 1945 1 0 11:16 ? 00:00:03 /usr/sbin/redis-server /etc/redis.conf  
497 2137 1 0 11:16 ? 00:00:00 memcached -d -p 11211 -u memcached -m 128 -c 8192 -P /var/run/memcached/memcached.pid -l 10.2.30.11  
rabbitmq 2264 2263 1 11:16 ? 00:00:33 /usr/lib64/erlang/erts-5.8.5/bin/beam.smp -W w -K true -A30 -P 1048576 -- -root /usr/lib64/erlang -programe erl -- -home /var/lib/rabbitmq -- -pa /usr/lib/rabbitmq/lib/ebin/..-mshell -noinput -s rabbit boot -sname rabbit@myv1it-lin30 -boot start sasl -config /etc/rabbitmq/rabbitmq -kernel inet default_connect_options {(nodelay,true)} -sasl errlog_type error -sasl sasl_error_logger {file,"/var/log/rabbitmq/rabbit@myv1it-lin30.log"} -rabbit sasl_error_logger {file,"/var/log/rabbitmq/rabbit@myv1it-lin30-sasl.log"} -rabbit enabled_plugins_file /etc/rabbitmq/enabled_plugins -rabbit /rabbitmq/lib/rabbitmq_server-3.2.3/sbin/..plugins -rabbit plugins_expand_dir /var/lib/rabbitmq/mnesia/rabbit@myv1it-lin30-plugins-expand -os_mon start_cpu_sup false -os_mon start_disk_sup false -os_mon start_mnesia /var/lib/rabbitmq/mnesia/rabbit@myv1it-lin30  
root 2434 1 0 11:17 ? 00:00:01 /usr/sbin/haproxy -D -f /etc/haproxy/haproxy.cfg -p /var/run/haproxy.pid  
root 2448 1 0 11:17 ? 00:00:00 /usr/sbin/lighttpd -f /etc/lighttpd/lighttpd.conf  
root 2471 1 0 11:17 ? 00:00:00 squid -D  
postgres 2536 1 0 11:17 ? 00:00:00 /usr/local/pgsql/bin/postmaster -D /db/data  
root 4522 2372 0 12:06 pts/1 00:00:00 grep beam.smp|redis-server|memcached|postmaster|squid -D|haproxy|lighttpd  
[root@myv1it-lin30 ~]#
```

Restarting the respective service :

```
/etc/init.d/rabbitmq-server restart  
/etc/init.d/postgresql restart  
/etc/init.d/memcached restart  
/etc/init.d/redis restart  
/etc/init.d/haproxy restart  
/etc/init.d/squid restart  
/etc/init.d/lighttpd restart  
echo
```

Find the disk usage top 50 folders/files under specific path

```
cd /  
du -Sh | sort -rh | head -n 50
```

This will list the top 50 files or folders by size under the present working directory.

Troubleshoot on missing process/service accordingly:

1. Rabbit : beam.smp is rabbit - If this process is not running check the disk space ,clear the older logs , reboot the service/server.

Clearing the Log : cd rabbit@<servername>.log-xxxx

Command :

```
find /var/log/rabbitmq/rabbit@<servername>.log-* -type f -mtime +3 -exec rm -rf {} \;
```

Ex:

```
find /var/log/rabbitmq/rabbit@myvit-lin40.log* -type f -mtime +3 -exec rm -rf {} \;
```

Note : server name is the servername in which you need to clear the logs.
The logs may end with the date. Find the files that are more than 2 day old or larger in size.

```
[root@myvldv-rma01 ~]# cd /var/log/rabbitmq/
[root@myvldv-rma01 rabbitmq]# ls -lh
total 820M
-rw-r--r-- 1 rabbitmq rabbitmq 790M Dec 23 11:50 rabbit@myvldv-rma01.log
-rw-r--r-- 1 rabbitmq rabbitmq 20K Aug 9 03:35 rabbit@myvldv-rma01.log-20150802.gz
-rw-r--r-- 1 rabbitmq rabbitmq 18K Aug 16 03:21 rabbit@myvldv-rma01.log-20150809.gz
-rw-r--r-- 1 rabbitmq rabbitmq 3.8K Aug 23 03:23 rabbit@myvldv-rma01.log-20150816.gz
-rw-r--r-- 1 rabbitmq rabbitmq 5.6K Aug 30 03:31 rabbit@myvldv-rma01.log-20150823.gz
-rw-r--r-- 1 rabbitmq rabbitmq 17M Sep 6 04:20 rabbit@myvldv-rma01.log-20150830.gz
-rw-r--r-- 1 rabbitmq rabbitmq 3.9K Sep 13 03:39 rabbit@myvldv-rma01.log-20150906.gz
-rw-r--r-- 1 rabbitmq rabbitmq 6.6M Sep 20 03:22 rabbit@myvldv-rma01.log-20150913.gz
-rw-r--r-- 1 rabbitmq rabbitmq 3.0K Sep 27 03:32 rabbit@myvldv-rma01.log-20150920.gz
-rw-r--r-- 1 rabbitmq rabbitmq 3.9K Oct 4 03:18 rabbit@myvldv-rma01.log-20150927.gz
-rw-r--r-- 1 rabbitmq rabbitmq 1.5K Oct 11 03:25 rabbit@myvldv-rma01.log-20151004.gz
-rw-r--r-- 1 rabbitmq rabbitmq 4.4K Oct 18 03:15 rabbit@myvldv-rma01.log-20151011.gz
-rw-r--r-- 1 rabbitmq rabbitmq 4.6K Oct 25 03:40 rabbit@myvldv-rma01.log-20151018.gz
-rw-r--r-- 1 rabbitmq rabbitmq 887K Nov 1 03:39 rabbit@myvldv-rma01.log-20151025.gz
-rw-r--r-- 1 rabbitmq rabbitmq 3.4M Dec 6 03:32 rabbit@myvldv-rma01.log-20151129.gz
-rw-r--r-- 1 rabbitmq rabbitmq 2.2M Dec 13 03:14 rabbit@myvldv-rma01.log-20151206.gz
-rw-r--r-- 1 rabbitmq rabbitmq 4.0K Dec 22 19:14 rabbit@myvldv-rma01-sasl.log
-rw-r--r-- 1 rabbitmq rabbitmq 257 Dec 6 2014 rabbit@myvldv-rma01-sasl.log-20141123.gz
-rw-r--r-- 1 rabbitmq rabbitmq 257 Dec 7 2014 rabbit@myvldv-rma01-sasl.log-20141206.gz
-rw-r--r-- 1 rabbitmq rabbitmq 256 Dec 14 2014 rabbit@myvldv-rma01-sasl.log-20141207.gz
-rw-r--r-- 1 rabbitmq rabbitmq 286 Dec 24 2014 rabbit@myvldv-rma01-sasl.log-20141214.gz
-rw-r--r-- 1 rabbitmq rabbitmq 257 Dec 29 2014 rabbit@myvldv-rma01-sasl.log-20141224.gz
-rw-r--r-- 1 rabbitmq rabbitmq 257 Jan 18 2015 rabbit@myvldv-rma01-sasl.log-20141229.gz
-rw-r--r-- 1 rabbitmq rabbitmq 257 Jan 30 2015 rabbit@myvldv-rma01-sasl.log-20150118.gz
-rw-r--r-- 1 rabbitmq rabbitmq 389 Feb 1 2015 rabbit@myvldv-rma01-sasl.log-20150130.gz
-rw-r--r-- 1 rabbitmq rabbitmq 376 Feb 8 2015 rabbit@myvldv-rma01-sasl.log-20150201.gz
-rw-r--r-- 1 rabbitmq rabbitmq 473 Mar 17 2015 rabbit@myvldv-rma01-sasl.log-20150208.gz
-rw-r--r-- 1 rabbitmq rabbitmq 258 Jun 13 2015 rabbit@myvldv-rma01-sasl.log-20150317.gz
-rw-r--r-- 1 rabbitmq rabbitmq 404 Jun 16 2015 rabbit@myvldv-rma01-sasl.log-20150613.gz
-rw-r--r-- 1 rabbitmq rabbitmq 382 Jul 14 03:49 rabbit@myvldv-rma01-sasl.log-20150616.gz
-rw-r--r-- 1 rabbitmq rabbitmq 363 Jul 19 03:46 rabbit@myvldv-rma01-sasl.log-20150714.gz
-rw-r--r-- 1 rabbitmq rabbitmq 456 Jul 26 03:45 rabbit@myvldv-rma01-sasl.log-20150719.gz
-rw-r--r-- 1 rabbitmq rabbitmq 24K Nov 3 03:11 rabbit@myvldv-rma01-sasl.log-20150726.gz
-rw-r--r-- 1 rabbitmq rabbitmq 376 Dec 10 03:07 rabbit@myvldv-rma01-sasl.log-20151103.gz
-rw-r--r-- 1 rabbitmq rabbitmq 973 Dec 14 03:28 rabbit@myvldv-rma01-sasl.log-20151210.gz
-rw-r--r-- 1 rabbitmq rabbitmq 8.7K Dec 20 03:07 rabbit@myvldv-rma01-sasl.log-20151214.gz
-rw-r--r-- 1 rabbitmq rabbitmq 456K Dec 19 19:09 rabbit@myvldv-rma01-sasl.log-20151220
-rw-r--r-- 1 root root 0 Dec 22 23:22 shutdown_err
-rw-r--r-- 1 root root 61 Dec 22 23:22 shutdown_log
-rw-r--r-- 1 root root 0 Dec 22 23:22 startup_err
-rw-r--r-- 1 root root 699 Dec 22 23:22 startup_log
[root@myvldv-rma01 rabbitmq]#
```

Do not remove the latest log file. Delete the files that are more than 3 day , or huge file size.

Restart rab

bit service: as root

Command: sudo service rabbitmq-server restart

Note : <server name> - is the respective server name

2. memcached

Telnet and test : (port 11211 - can test via telnet <hostname> 11211 once connected type stats)

RestartService : /etc/init.d/memcached {start|stop|status|restart|reload|force-reload|condrestart|try-restart}

3.redis-server

Clear aof persistence logs : (port 6379 - if it won't run or disk fills after cleaning)

```
Clear Log : "redis-check-aof --fix /var/lib/redis/appendonly.aof"
```

```
rm -rf /var/lib/redis/appendonly.aof
Restart Service : /etc/init.d/redis {start|stop|status|restart|condrestart|try-restart}
```

4. **postmaster** is postgresql (port 5432)

Restart Service : /etc/init.d/postgresql {start|stop|restart|reload|status}

Clear logs : cd /db

Delete the files older than 1 days from the following path :

```
/db/shares/SwimLane*/Backups/ ,
/db/shares/SwimLane*/ImportUploads,
/db/shares/SwimLane*/Swap.
/db/logs/
```

Command to delete: (Execute one by One)

```
find /db/shares/SwimLane*/Backups/ -type f -mtime +1 -exec rm -rf {} \;
find /db/shares/SwimLane*/ImportUploads/ -type f -mtime +1 -exec rm -rf {} \;
find /db/shares/SwimLane*/Swap/ -type f -mtime +1 -exec rm -rf {} \;
find /db/logs/*.log -type f -mtime +1 -exec rm -rf {} \;
```

5. **squid** is load balancing

Restart Service : /etc/init.d/squid {start|stop|status|reload|restart|condrestart}

Clearing Squid Cache:

1) Get the cache directory of squid using below given command

```
grep cache_dir /etc/squid/squid.conf
```

2) service squid stop

3) Remove all the squid directory contents

```
rm -rf /var/spool/squid/*
```

4) Recreate Cache directories

```
"squid -z"
```

5) Verify if Swap Directories are created under /var/spool/squid/

6) Start "service squid start"

7) check the squid access.log (var/log/squid/access.log)

Clear Squid Logs

```
Cd \
```

```
find /var/log/squid/access.log-* -type f -mtime +1 -exec rm -rf {} \;
```

```
find /var/log/squid/cache.log-* -type f -mtime +1 -exec rm -rf {} \;
```

```
find /var/log/squid/store.log-* -type f -mtime +1 -exec rm -rf {} \;
```

6. **haproxy** is load balancing

Restart Service : /etc/init.d/haproxy {start|stop|restart|reload|condrestart|status|check}

7. **lighttpd** is lighttpd

Restart Service : /etc/init.d/lighttpd {start|stop|status|restart|condrestart|try-restart|reload|force-reload}

You should also run

```
"ps -ef |grep mpns"
```

and see if you get the result like below

```
/usr/local/mpns_SwimLane22a/env/bin/python /usr/local/mpns_SwimLane22a/main.py
```

This is python push notification for the swimlane

```
[root@myv1it-lin30 rabbitmq]# ps -ef |grep mpns
mpns      1929      1  0 11:16 ?        00:00:11 /usr/local/mpns_SwimLane30a/env/bin/python /usr/local/mpns_SwimLane30a/main.py
mpns      1931     1929  0 11:16 ?        00:00:30 /usr/local/mpns_SwimLane30a/env/bin/python /usr/local/mpns_SwimLane30a/main.py
mpns      1932     1929  0 11:16 ?        00:00:30 /usr/local/mpns_SwimLane30a/env/bin/python /usr/local/mpns_SwimLane30a/main.py
mpns      1933     1929  0 11:16 ?        00:00:12 /usr/local/mpns_SwimLane30a/env/bin/python /usr/local/mpns_SwimLane30a/main.py
mpns      1934     1929  0 11:16 ?        00:00:11 /usr/local/mpns_SwimLane30a/env/bin/python /usr/local/mpns_SwimLane30a/main.py
root      5323     2372  0 12:29 pts/1    00:00:00 grep mpns
[root@myv1it-lin30 rabbitmq]#
```