

How to get thread dump (stack trace) when issue happens?

There are many ways, below are some of the standard and effective ways :

1. jstack utility

- jstack -l <pid> to print additional information about locks [l for London]
- Get the pid using “ps -ef|grep java”
- Command

```
C:\Program Files\Java\jdk1.8.0_321\bin>jstack -l 17678 > C:\Users\sathbala\Documents\threads\thread.txt
```

Re-direct to any output file

- The same applies to Linux OS.

2. Weblogic Admin console

- Login to AdminConsole —> Admin Server —> Monitoring —> Threads -> Dump Thread Stacks
- This is helping to get the thread dumps in quick and depends on the slowness of the server.
- It may also take some time to get the output.

3. kill -3

- kill -3 <PID>
- where PID is the Java process ID in the operating system, by default the output will be populated in the out logs but safer to re-direct to a separate file for analysis purpose.