Thread Dump - Intelligence Report

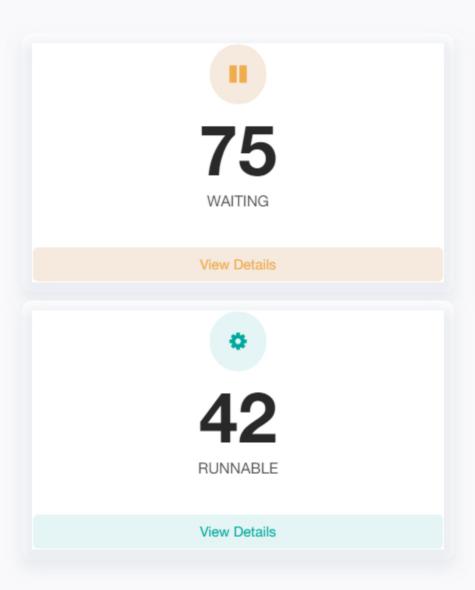
File: prd-s2w-sailpoint-workday-prc-api-instance-66533439163cad1197f4121f-0-diag (1).txt

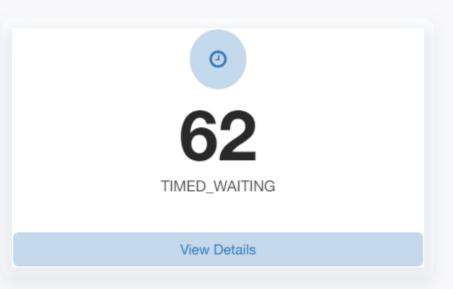
① Timestamp: 2024-06-08 19:23:52

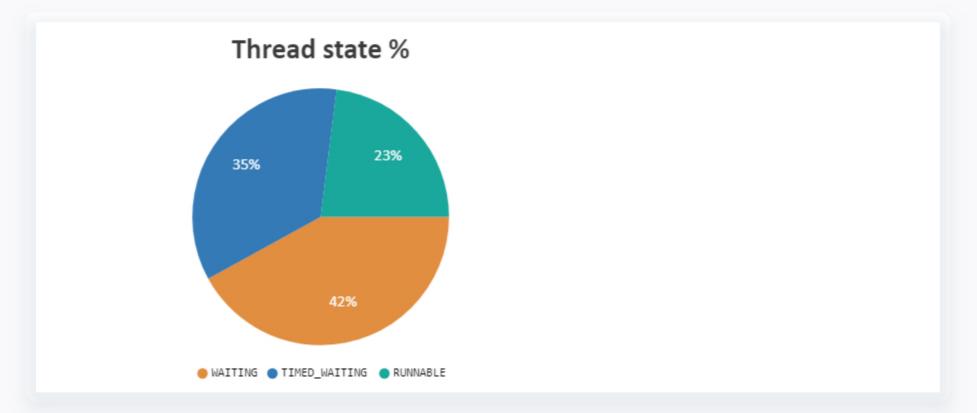
Thread Count Summary

■ To learn about different thread states through real-life example, check out this video tutorial

Total Threads count: 179

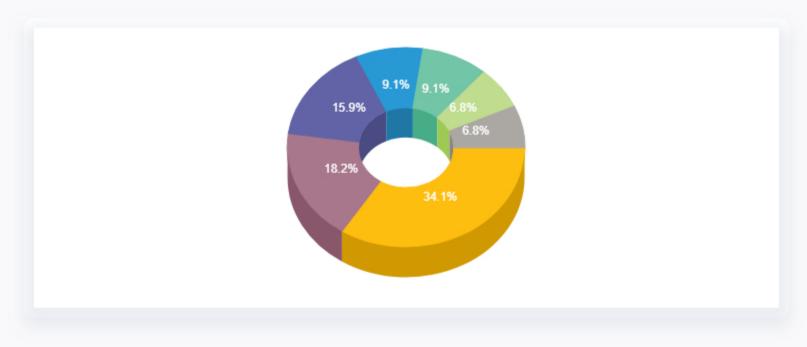






Thread Pools

Threads with similar names are grouped in this section

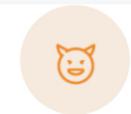


•	Thread Pool	Count	States
•	Thread	15 threads	RUNNABLE:
•	Weave File Deleter	8 threads	WAITING:8—O
•	qtp2056119935	7 threads	TIMED_WAI
•	cloudhub.platform.extensio r4	4 threads	RUNNABLE:
•	AsyncHttpClient-3	4 threads	RUNNABLE:
•	sshd-SshClient[748fc8e7]-ni o2-thread	3 threads	WAITING:3—O

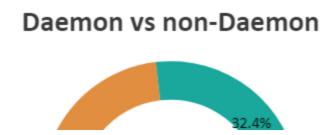
Show all thread groups >>

Daemon vs non-Daemon

Learn more about daemon and non-daemon (i.e. user threads)







121
DAEMON

View Details

58 NON-DAEMON

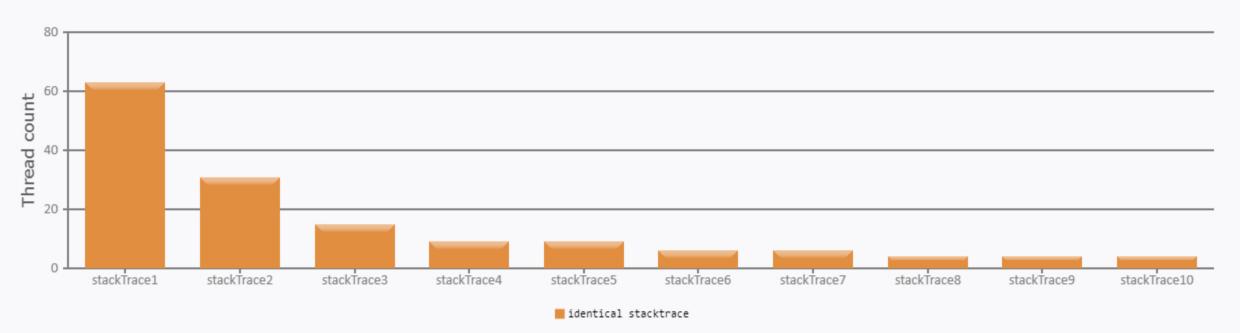
View Details



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Threads with identical stack trace

Threads with identical stack traces are grouped here. If lot of threads start to exhibit identical stack trace it might be a concern, learn RSI Pattern



Thread Count Identical Stack trace 63 WAITING java.lang.Thread.State: WAITING (parking) threads at sun.misc.Unsafe.park(Native Method) parking to wait for <0x00000000e89efd80> (a java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject) at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175) at java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject.await(AbstractQueuedSynchronizer.java:2039) See complete stacktrace. 31 TIMED_WAITING java.lang.Thread.State: TIMED_WAITING (parking) at sun.misc.Unsafe.park(Native Method) threads parking to wait for <0x00000000e89f9ba8> (a java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject) at java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:215) at java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject.awaitNanos(AbstractQueuedSynchronizer.java:2078) See complete stacktrace. 15 RUNNABLE java.lang.Thread.State: RUNNABLE at sun.nio.ch.EPoll.epollWait(Native Method) threads at sun.nio.ch.EPollPort\$EventHandlerTask.poll(EPollPort.java:194) at sun.nio.ch.EPollPort\$EventHandlerTask.run(EPollPort.java:268) at java.lang.Thread.run(Thread.java:750) See complete stacktrace. 9 RUNNABLE java.lang.Thread.State: RUNNABLE at sun.nio.ch.EPollArrayWrapper.epollWait(Native Method) threads at sun.nio.ch.EPollArrayWrapper.poll(EPollArrayWrapper.java:269) at sun.nio.ch.EPollSelectorImpl.doSelect(EPollSelectorImpl.java:93) at sun.nio.ch.SelectorImpl.lockAndDoSelect(SelectorImpl.java:86) See complete stacktrace. java.lang.Thread.State: TIMED_WAITING (on object monitor) 9 TIMED_WAITING at java.lang.Object.wait(Native Method) threads at java.lang.Object.wait(Object.java:460) at org.apache.logging.log4j.core.async.TimeoutBlockingWaitStrategy.awaitNanos(TimeoutBlockingWaitStrategy.java:130) at org.apache.logging.log4j.core.async.TimeoutBlockingWaitStrategy.waitFor(TimeoutBlockingWaitStrategy.java:86) See complete stacktrace. 6 RUNNABLE java.lang.Thread.State: RUNNABLE threads See complete stacktrace. java.lang.Thread.State: RUNNABLE 6 RUNNABLE at sun.nio.ch.EPollArrayWrapper.epollWait(Native Method) threads at sun.nio.ch.EPollArrayWrapper.poll(EPollArrayWrapper.java:269) at sun.nio.ch.EPollSelectorImpl.doSelect(EPollSelectorImpl.java:93) at sun.nio.ch.SelectorImpl.lockAndDoSelect(SelectorImpl.java:86) See complete stacktrace. 4 RUNNABLE stacktrace threads See complete stacktrace. 4 WAITING java.lang.Thread.State: WAITING (parking) at sun.misc.Unsafe.park(Native Method) threads - parking to wait for <0x00000000e6ce5678> (a java util concurrent locks AbstractQueuedSynchronizer\$ConditionObject)

	at java.util.concurrent.locks.LockSupport.park(LockSupport.java:175) at java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject.await(AbstractQueuedSynchronizer.java:2039) See complete stacktrace.
4 TIMED_WAITING threads	java.lang.Thread.State: TIMED_WAITING (parking) at sun.misc.Unsafe.park(Native Method) - parking to wait for <0x000000000836b1ce0> (a java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject) at java.util.concurrent.locks.LockSupport.parkNanos(LockSupport.java:215) at java.util.concurrent.locks.AbstractQueuedSynchronizer\$ConditionObject.awaitNanos(AbstractQueuedSynchronizer.java:2078) See complete stacktrace.

Last executed methods

Methods that threads were executing when thread dump was captured is reported. Learn All roads lead to Rome pattern

Thread Count	Method	Percentage
109 threads	sun.misc.Unsafe.park(Native Method) To see stack trace click here.	61%
22 threads	java.lang.Object.wait(Native Method) To see stack trace click here.	12%
16 threads	sun.nio.ch.EPollArrayWrapper.epollWait(Native Method) To see stack trace click here.	9%
15 threads	sun.nio.ch.EPoll.epollWait(Native Method) To see stack trace click here.	8%
5 threads	java.lang.Thread.sleep(Native Method) To see stack trace click here.	3%

Show all methods >>

CPU consuming threads

If application is consuming high CPU, investigate below threads. Learn Athlete pattern

Not reported!
Need help diagnosing high CPU consumption? Learn our ● Effective Tips

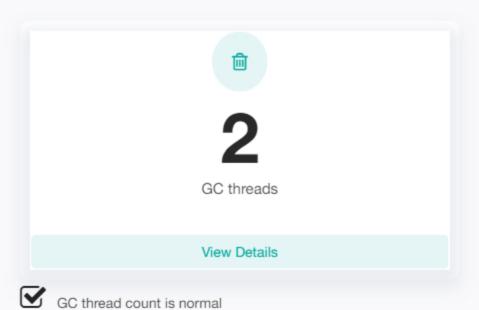
Blocking Threads - Transitive Graph

Threads that block other threads are displayed here. Blocking threads makes application unresponsive, learn <u>Traffic Jam pattern</u>

No transitive blocks found

GC Threads

Garbage collection threads count reported. Learn Scavengers pattern

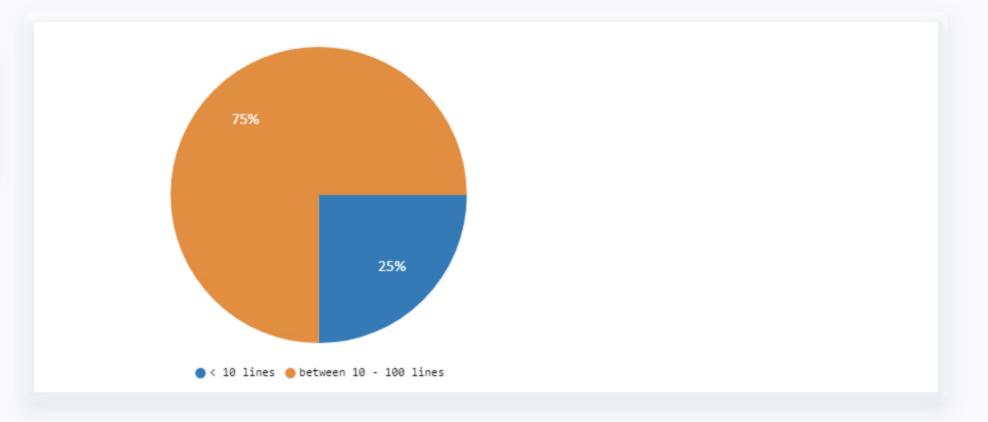


Threads Stack Length

Lengthy stacks can cause StackOverflowFrror Learn more

No Problem in Stack trace length.

Stack Length	Thread count
< 10 lines	44
between 10 - 100 lines	135



Complex DeadLocks

Learn more about Complex Deadlock



Dead Lock

Learn more about **Deadlock**



Finalizer Thread

If finalizer thread is BLOCKED or WAITING for a prolonged period, it can result in OutOfMemoryError, to learn more visit Leprechaun Trap pattern

No problem with Finalizer Thread.

Exception

Threads throwing commonly known Exceptions/Errors are reported here. Learn more



Bottom up Call Stack Tree

◆ Reverse Call stack

All threads stacktrace are combined in to one single tree. Learn it's benefits.

