

Hawk 2-2.3.0 next update (Sles12 only)

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1) bugfix: puma webserver
consuming considerable CPU

2) bugfix: User friendly disabling
tls1.0 and tls1.1

1) bugfix: puma webserver
consuming considerable CPU(patch)

Highlevel problem:

the puma 3.11.4 gem was not
handling correctly socket
connections, which were left open
and consuming lot of CPU

```

def read_and_drop(timeout = 1)
  return :timeout unless IO.select([@socket], nil, nil, timeout)
-   read_nonblock(1024)
+   return :eof unless read_nonblock(1024)
  :drop
rescue Errno::EAGAIN
  # do nothing
@@ -141,7 +141,7 @@ module Puma
  # Don't let this socket hold this loop forever.
  # If it can't send more packets within 1s, then give up.
  while should_drop_bytes?
-   return if read_and_drop(1) == :timeout
+   return if [:timeout, :eof].include?(read_and_drop(1))
  end
rescue IOError, SystemCallError
  Thread.current.purge_interrupt_queue if Thread.current.respond_to? :purge_interrupt_queue
diff --git a/lib/puma/server.rb b/lib/puma/server.rb
index fe5eb070..04536e5f 100644
--- a/lib/puma/server.rb
+++ b/lib/puma/server.rb
@@ -241,6 +241,11 @@ module Puma
  STDERR.puts "Exception handling servers: #{e.message} (#{e.class})"
  STDERR.puts e.backtrace
  ensure
+  begin
+    @check.close
+  rescue
+    Thread.current.purge_interrupt_queue if Thread.current.respond_to? :purge_interrupt_queue
+  end
  @check.close
  @notify.close

```



USE

2) bugfix: User friendly disabling tls1.0 and tls1.1

User don't need to modify puma.rb file for disabling TLS.1.0 and TLS1.0 in SLE12 env. Use sysconfig vars.

```
hana02:~ # tail /etc/sysconfig/hawk
## Path:          Cluster/Hawk
## Description:    SSL certificate used by the web server
## Type:          string
## Default:       /etc/hawk/hawk.pem
## ServiceRestart: hawk
# Configures an SSL certificate that the Hawk web server presents.
HAWK_CERT="/etc/hawk/hawk.pem"

HAWK_NO_TLSV1="true"
HAWK_NO_TLSV1_1="true"
```



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Thank you.

