SET PULSE_TIME

The SET PULSE_TIME command sets the interval after which *TCP/IP for VSE* tests inactive connections to see if they should be terminated.

Syntax: `SET PULse_time=sec300`

Arguments: *time* - Numeric, 0 through 9999999, in 300th seconds

Specifies the time interval that *TCP/IP for VSE* allows a TCP connection to remain idle before it tests for the continued presence of a remote host. The default is 18000 (one minute). Setting a value of 0 disables the pulse mechanism.

Example:

```
IPN237I set pulse_time=30s
IPN268I PULSE_TIME now set to 9000 300th sec
```

Notes:
- *TCP/IP for VSE* tests an idle TCP connection by retransmitting an empty packet with the same sequence number as the last acknowledged byte. TCP protocols require the remote host to re-acknowledge receipt of the byte and to discard it. If the byte is not acknowledged, standard retransmission routines gain control and, if an acknowledgement is still not forthcoming, the connection dropped and the application owning the connection is notified.
- If a PC running a TN3270 session is booted without terminating the session, the associated TN3270 daemon remains in session because it has no way of knowing that the remote host is gone. When the pulse process activates, the session closes.
- A low PULSE_TIME value results in unnecessary processing. A high PULSE_TIME value allows dead connections to persist.
- The pulse mechanism is also useful in restoring connections that have gone to sleep.

Related Commands:

DEFINE ROUTE	-	Add an entry to the TCP/IP routing table.
QUERY OPTIONS	-	Displays the current values of modifiable parameters.