Note: For non-Linux systems, values greater than or equal to 600 seconds (10 minutes) will be ignored by `mongod` and `mongos`. For Linux, values greater than 300 seconds (5 minutes) will be overridden on the `mongod` and `mongos` sockets with a maximum of 300 seconds.

On Linux systems:

- To view the keep alive setting, you can use one of the following commands:

```
sysctl net.ipv4.tcp_keepalive_time
```

Or:

```
cat /proc/sys/net/ipv4/tcp_keepalive_time
```

The value is measured in seconds.

- To change the `tcp_keepalive_time` value, you can use one of the following command:

```
sudo sysctl -w net.ipv4.tcp_keepalive_time=<value>
```

Or:

```
echo <value> | sudo tee /proc/sys/net/ipv4/tcp_keepalive_time
```

These operations do not persist across system reboots. To persist the setting, add the following line to `/etc/sysctl.conf`:

```
net.ipv4.tcp_keepalive_time = <value>
```

On Linux, `mongod` and `mongos` processes limit the keepalive to a maximum of 300 seconds (5 minutes) on their own sockets by overriding keepalive values greater than 5 minutes.

For OS X systems:

- To view the keep alive setting, issue the following command:

```
sysctl net.inet.tcp.keepinit
```

- To change the `net.inet.tcp.keepinit` value, you can use the following command:

```
sysctl -w net.inet.tcp.keepinit=<value>
```

The above method for setting the TCP keepalive is not persistent; you will need to reset the value each time you reboot or restart a system. See your operating system's documentation for instructions on setting the TCP keepalive value persistently.

For Windows systems:

- To view the keep alive setting, issue the following command:

```
reg query HKLM\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters /v KeepAliveTime
```

The registry value is not present by default. The system default, used if the value is absent, is 7200000 *milliseconds* or `0x6ddd00` in hexadecimal.

- To change the `KeepAliveTime` value, use the following command in an Administrator *Command Prompt*, where `<value>` is expressed in hexadecimal (e.g. `0x0124c0` is 120000):

```
reg add HKLM\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\ /v KeepAliveTime /d <value>
```

Windows users should consider the Windows Server Technet Article on KeepAliveTime[30] for more information on setting keep alive for MongoDB deployments on Windows systems.

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[30]https://technet.microsoft.com/en-us/library/cc957549.aspx

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