

Configuring the T3 Frame Checksum

By default, T3 interfaces use a 16-bit frame checksum. You can configure a 32-bit checksum, which provides more reliable packet verification. However, some older equipment might not support 32-bit checksums.

On a channelized OC12 interface, the `fcs` statement is not supported. To configure FCS on each DS3 channel, you must include the `t3-options fcs` statement in the configuration for each channel.

To configure a 32-bit checksum, include the `fcs` statement at the `[edit interfaces interface-name t3-options]` hierarchy level:

```
[edit interfaces interface-name t3-options]  
fcs 32;
```

To return to the default 16-bit frame checksum, delete the `fcs 32` statement from the configuration:

```
[edit]  
user@host# delete interfaces t3-fpc/pic/port t3-options fcs 32
```

To explicitly configure a 16-bit checksum, include the `fcs` statement at the `[edit interfaces interface-name t3-options]` hierarchy level:

```
[edit interfaces interface-name t3-options]  
fcs 16;
```

