

## Configuring Frames with Particular TPIDs to Be Processed as Tagged Frames

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For Gigabit Ethernet IQ interfaces, aggregated Ethernet with Gigabit Ethernet IQ interfaces, Gigabit Ethernet PICs with SFPs (except the 10-port Gigabit Ethernet PIC and the built-in Gigabit Ethernet port on the M7i platform), and MX-series router Gigabit Ethernet, Tri-Rate Ethernet copper, and 10-Gigabit Ethernet interfaces, you can configure frames with particular TPIDs to be processed as tagged frames. To do this, you specify up to eight IEEE 802.1Q TPID values per port; a frame with any of the specified TPIDs is processed as a tagged frame; however, with IQ2 and IQ2-E interfaces, only the first four IEEE 802.1Q TPID values per port are supported. To configure the TPID values, include the `tag-protocol-id` statement:

```
[Unresolved xref] [ tpids ];
```

You can include this statement at the following hierarchy levels:

- [edit interfaces *interface-name* *gigether-options* ethernet-switch-profile]
- [edit interfaces *interface-name* aggregated-ether-options ethernet-switch-profile]

All TPIDs you include in input and output VLAN maps must be among those you specify at the [edit interfaces *interface-name* *gigether-options* ethernet-switch-profile [Unresolved xref] [ *tpids* ]] or [edit interfaces *interface-name* aggregated-ether-options ethernet-switch-profile [Unresolved xref] [ *tpids* ]] hierarchy level.

