



VLAN Tag Field Details

As shown in the figure, the VLAN tag control information field consists of a Type field, a Priority field, a Canonical Format Identifier field, and VLAN ID field:

- **Type** - A 2-byte value called the tag protocol ID (TPID) value. For Ethernet, it is set to hexadecimal 0x8100.
- **User priority** - A 3-bit value that supports level or service implementation.
- **Canonical Format Identifier (CFI)** - A 1-bit identifier that enables Token Ring frames to be carried across Ethernet links.
- **VLAN ID (VID)** - A 12-bit VLAN identification number that supports up to 4096 VLAN IDs.

After the switch inserts the tag control information fields, it recalculates the FCS values and inserts the new FCS into the frame.

