Removing the Outer VLAN Tag and Rewriting the Inner VLAN Tag

On Ethernet IQ, IQ2 and IQ2-E interfaces, on MX-series router Gigabit Ethernet, Tri-Rate Ethernet copper, and 10-Gigabit Ethernet interfaces, and on aggregated Ethernet interfaces using Gigabit Ethernet IQ2 and IQ2-E or 10-Gigabit Ethernet PICs on MX-series routing platforms, to remove the outer VLAN tag of the frame and replace the inner VLAN tag of the frame with a user-specified VLAN tag value, include the pop-swap statement in the input VLAN map or output VLAN map:

```
[Unresolved xref] {
    pop-swap;
}
[Unresolved xref] {
    pop-swap;
}
```

The inner tag becomes the outer tag in the final frame.

You can include this statements a the following hierarchy levels:

- [edit interfaces *interface-name* unit *logical-unit-number* [Unresolved xref]]
- [edit interfaces *interface-name* unit *logical-unit-number* [Unresolved xref]]
- [edit logical-systems *logical-system-name* interfaces *interface-name* unit *logical-unit-number* [Unresolved xref]]
- [edit logical-systems *logical-system-name* interfaces *interface-name* unit *logical-unit-number* [Unresolved xref]]

See Configuring Inner and Outer TPIDs and VLAN IDs and Configuring Inner and Outer TPIDs and VLAN IDs for information about configuring inner and outer VLAN ID values and inner and outer TPID values required for VLAN maps.