

- Given the sample outputs, can you guess what might be causing ae0.0 to remain in the down state?

```
{master:0}
lab@Switch-1> show interfaces terse | match ae0
ge-0/0/12.0      up    up    aenet  --> ae0.0
ge-0/0/13.0      up    up    aenet  --> ae0.0
ae0              up    down
ae0.0            up    down eth-switch

{master:0}
lab@Switch-1> show interfaces extensive ae0.0 | find "LACP Statistics:"
LACP Statistics:  LACP Rx  LACP Tx  Unknown Rx  Illegal Rx
ge-0/0/12.0      0        224      0           0
ge-0/0/13.0      0        223      0           0
Marker Statistics: Marker Rx  Resp Tx  Unknown Rx  Illegal Rx
ge-0/0/12.0      0         0         0           0
ge-0/0/13.0      0         0         0           0
Protocol eth-switch, Generation: 195, Route table: 0
Flags: None
```

- The remote device does not have LACP enabled

Once LACP is enabled on Switch-2, we see the state change to up for ae0 and the received LACP statics increment as shown in the following output:

```
{master:0}
user@Switch-1> show interfaces terse | match ae0
ge-0/0/12.0      up    up    aenet  --> ae0.0
ge-0/0/13.0      up    up    aenet  --> ae0.0
ae0              up    up
ae0.0            up    up    eth-switch

{master:0}
user@Switch-1> show interfaces extensive ae0.0 | find "LACP Statistics:"
LACP Statistics:  LACP Rx  LACP Tx  Unknown Rx  Illegal Rx
ge-0/0/12.0      26       516      0           0
ge-0/0/13.0      25       519      0           0
```