

## Verifying That IP Source Guard Is Working Correctly

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**Purpose** Verify that IP source guard is enabled and is mitigating the effects of any source IP spoofing attacks on the EX-series switch.

**Action** Display the IP source guard database.

```
user@switch> show ip-source-guard
IP source guard information:
Interface    Tag  IP Address    MAC Address    VLAN

ge-0/0/12.0  0    10.10.10.7    00:30:48:92:A5:9D  vlan100

ge-0/0/13.0  0    10.10.10.9    00:30:48:8D:01:3D  vlan100

ge-0/0/13.0  100  *             *                voice
```

**Meaning** The IP source guard database table contains the VLANs enabled for IP source guard, the untrusted access interfaces on those VLANs, the VLAN 802.1Q tag IDs if there are any, and the IP addresses and MAC addresses that are bound to one another. If a switch interface is associated with multiple VLANs and some of those VLANs are enabled for IP source guard and others are not, the VLANs that are not enabled for IP source guard have a star (\*) in the **IP Address** and **MAC Address** fields. See the entry for the **voice** VLAN in the preceding sample output.

**Related Topics** ■ [Configuring IP Source Guard \(CLI Procedure\)](#)

