Accounting systems contain confidential information that should be kept safe and secure at all times. The consequences of unauthorized access can be devastating--from identity theft problems to loss of irreplaceable data. When accounting data is changed or deleted on purpose or by chance, it creates havoc in the accounting department, calling into question the reliability or accuracy of all data.

**Verify Connectivity of Directly Connected Networks (1.1.4)**

The first task to undertake once the basic settings and interfaces are configured is to verify and validate the configured settings. This is an important step and should be done before any other configurations are added to the router.

**Verify Interface Settings (1.1.4.1)**

There are several **show** commands that can be used to verify the operation and configuration of an interface. The following three commands are especially useful to quickly identify an interface status:

* **show ip interface brief**: Displays a summary for all interfaces, including the IPv4 address of the interface and current operational status.
* **show ip route**: Displays the contents of the IPv4 routing table stored in RAM. In Cisco IOS 15, active interfaces should appear in the routing table with two related entries identified by the code 'C' (Connected) or 'L' (Local). In previous IOS versions, only a single entry with the code 'C' will appear.
* **show running-config interface** *interface-id*: Displays the commands configured on the specified interface.







