Class Activity - WAN Device Modules

Objective

Select WAN access technologies to satisfy business requirements in a small-to-medium-sized business network.

Scenario

Your medium-sized company is upgrading its network. To make the most of the equipment currently in use, you decide to purchase WAN modules instead of new equipment.

All branch offices use either Cisco 1900 or 2911 series ISRs. You will be updating these routers in several locations. Each branch has its own ISP requirements to consider.

To update the devices, focus on the following WAN modules access types:

- Ethernet
- Broadband
- T1/E1 and ISDN PRI
- BRI
- Serial
- T1 and E1 Trunk Voice and WAN
- Wireless LANs and WANs

Resources

- World Wide Web
- Word processing software

Directions

Step 1:   Visit Interfaces and Modules. On this page, you will see many options ISR interface modules options – remember that you currently own and use only the Cisco 1900 and 2900 series routers.

Note: If the above link is no longer valid, search the Cisco site for "Interfaces and Modules".

Step 2:   Create a comparison matrix listing the following WAN access types for your branch networks:

- Ethernet
- Broadband
- T1/E1 and ISDN PRI
- BRI
- Serial WAN
- T1 and E1Trunk Voice and WAN
- Wireless LANs and WANs

Step 3: **In the matrix, record the interface module type you need to purchase for your ISRs for upgrade purposes.**

Step 4: **Use the Internet to research pictures of the modules. Provide a screenshot of the module or a hyperlink to a picture of each module.**

Step 5: **Share your matrix with a classmate, group, class, or your instructor.**