Question :1

Name :

WR,ER,CR,EDR,VR ,BDG Router

Difference:

Management features

Wired vs. Wireless

Performance (throughput, capacity)

Scalability

Security *features*

Us*e*

Small networks: Wireless Router (WR) or SOHO Router

- Large networks: Core Router (CR) or Edge Router (EDR)

- Virtual environments: Virtual Router (VR)

- ISPs: BGP Router or Edge Router (EDR)

- High-security requirements: Wired Router (ER) or specialized security routers

Question :2

Small networks: Unmanaged Switch

Medium networks: Smart Switch or Managed Switch

Large networks: Stackable Switch or Chassis Switch

High-bandwidth apps: Gigabit Switch or Data Center Switch

IP phones/cameras: PoE Switch

Question :3

Difference

Speed

Distance

Interference resistance

Cost

use

Ethernet: Twisted Pair (TP)

High-speed: Fiber Optic

Broadband: Coaxial

Legacy devices: Serial

Peripherals: USB