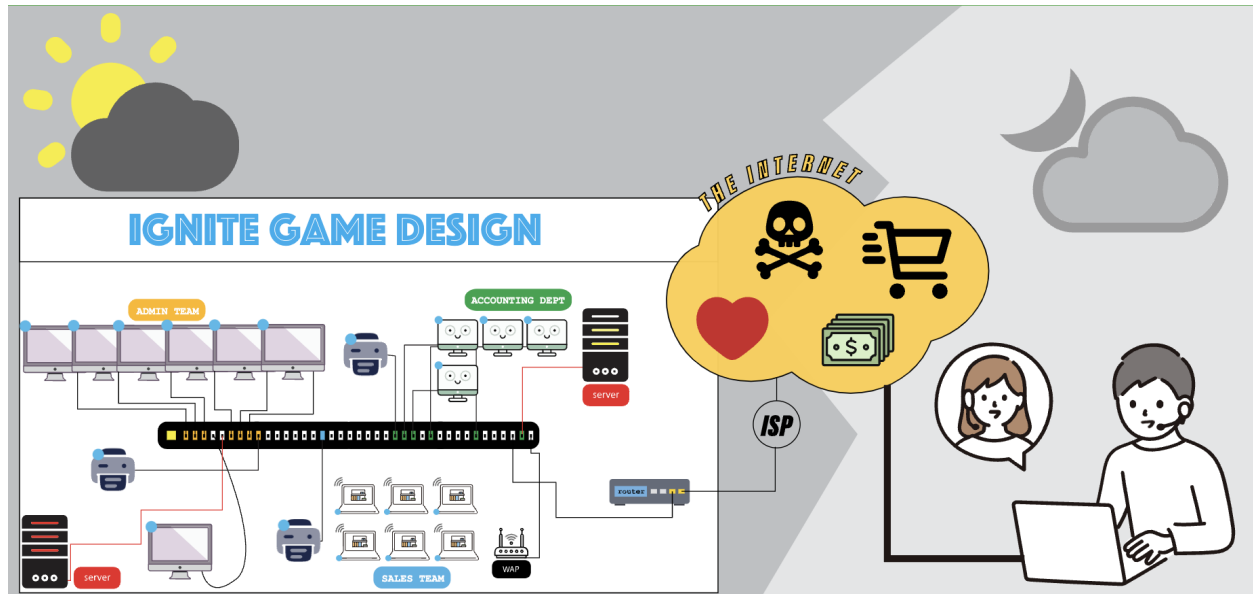




- Jack works remotely. However, he still needs to access his company's private **intranet**. The company decides to incorporate VPN technology to allow remote workers to connect to the **intranet** securely. List 2 VPN technologies that will be required to allow remote workers to connect to the **intranet** securely.
- Describe the difference between an internet and an extranet.
- Outline the encryption process.
- VPN creates a secure t_____ to allow a client to access a p_____ network via a p_____ network.
- Name 2 layers of the OSI model.
- Explain why data compression is often used when transmitting data across a network.
- Identify 2 differences between a WAN and a LAN.
- A network uses a programmable switch. Ports on the switch can be programmed to create logical subnetworks. This kind of network is known as _____.
- 2 companies manufacture Ethernet cables for networks. In order to ensure that the cables are compatible with modern networks, they must adhere to certain s_____.
- Which transmission medium is faster, copper cable (Ethernet cable) or fiber optic cable?