Networks R Us

Task 1:

P1: Network technologies: Network OS, Protocols (5+), layout and devices.

P2: Outline the purpose of network technologies.

P3: Identify emerging network technologies.

M1: Describe potential impact of emerging network technologies.

Task 2:

P4: Explain Functions of network management

M2: Explain the goals of fault management

D1: Justify the inclusion of routine performance management activities

Sources

<http://searchnetworking.techtarget.com/definition/network-operating-system>

# Network Technologies:

## Network Operating Systems:

Network Operating Systems (NOS) are embedded into a router or hardware firewall that operates on the network. In many instances Network Operating Systems support workstations, personal computers and older terminals that are connected on a local area network (LAN). Examples of NOS include: LANtasic, Banyan VINES, NetWare and Microsoft LAN Manager. Windows NT and OpenVMS have functions that allow them to be called Network Operating Systems.

## Protocols:

### FTP:

FTP (File Transfer Protocol) is a standard network protocol used to transfer files between multiple hosts usually over TCP-based network, such as the Internet. FTP is built on a client server architecture and uses separate control and data connections between the client and server. The users of FTP may authenticate themselves using protocol called clear-text sign