<u>Computer</u> <u>Networking</u>

Acces list is a second that identifies and manages traffic offer identifying the traffic, an administrator can specify various events anat trappen to that traffic.

Implicit deny everything else goes at the bottom of an access list.

How closs All help protect your network from viruses?
We can use All to act as a packet sniffer to list packets mat meet a certain lequirement.

If there is a Verus that sends trappic on IRC port 194, we can identify that traffic using extended ACL

If you only see an Act that only has deny statements, you can say it denies everything.

In ouder to apply an Acc, it should be grouped and have a direction.

Puezer Extended Access List because you have less changes to make. Acc permit/deny pouts and IP address.

Management Agent

What is SNMP?

Simple Network Maragement Puotocol (SNMP) & an application-layer puotocol defined by the Internet Auchitecture Board (IAB) in RFC 1157 for exchanging management information between network devices.

It is a part of Transmission Nontrol Part / Internet Brotocol CTCP/IP)
protocol suite:

Management Agent has two types:
O Client

2) Server - Tell Network Admins about what is going on-

WMI – Management Agent developed by Mivrosoft is still used oday

Monagement Agent Should not ofven nead/write access and at most nead access. There are many incidents which indicate management agent can change sonfigs for nouters and clevices.

Management Information Batabase or Management Information Base

Organizations should use SNMPv3- (User-Based Security)

Windows Management Instrumentation, an API in the Windows
O·S· that enables devices and systems in a network.

As long as a device has an IP and you are able to ping them, you ran manage them.