

STUDENT ACTIVITY 3.2: NETWORK ACCESS PROTECTION

MTA Course: 98-367 Security Fundamentals

Topic: Network Access Protection

File name: SecurityFund_SA_3.2

Lesson Objective

3.2: Understand Network Access Protection. *This objective may include, but is not limited to:* purpose of NAP, requirements for NAP.

Resources, software, and additional files needed for this lesson

- Internet access

Background

Components of the NAP infrastructure known as enforcement clients (ECs) and enforcement servers (ESs) require health state validation and enforce limited network access for noncompliant computers for specific types of network access or communication. Windows® 7, Windows XP Service Pack 3, and Windows Server® 2008 include NAP support.

How does NAP enforce each of the following?

1. Internet Protocol security (IPsec)-protected traffic
2. IEEE 802.1X-authenticated network connections
3. Remote access VPN connections
4. Dynamic Host Configuration Protocol (DHCP) address configurations