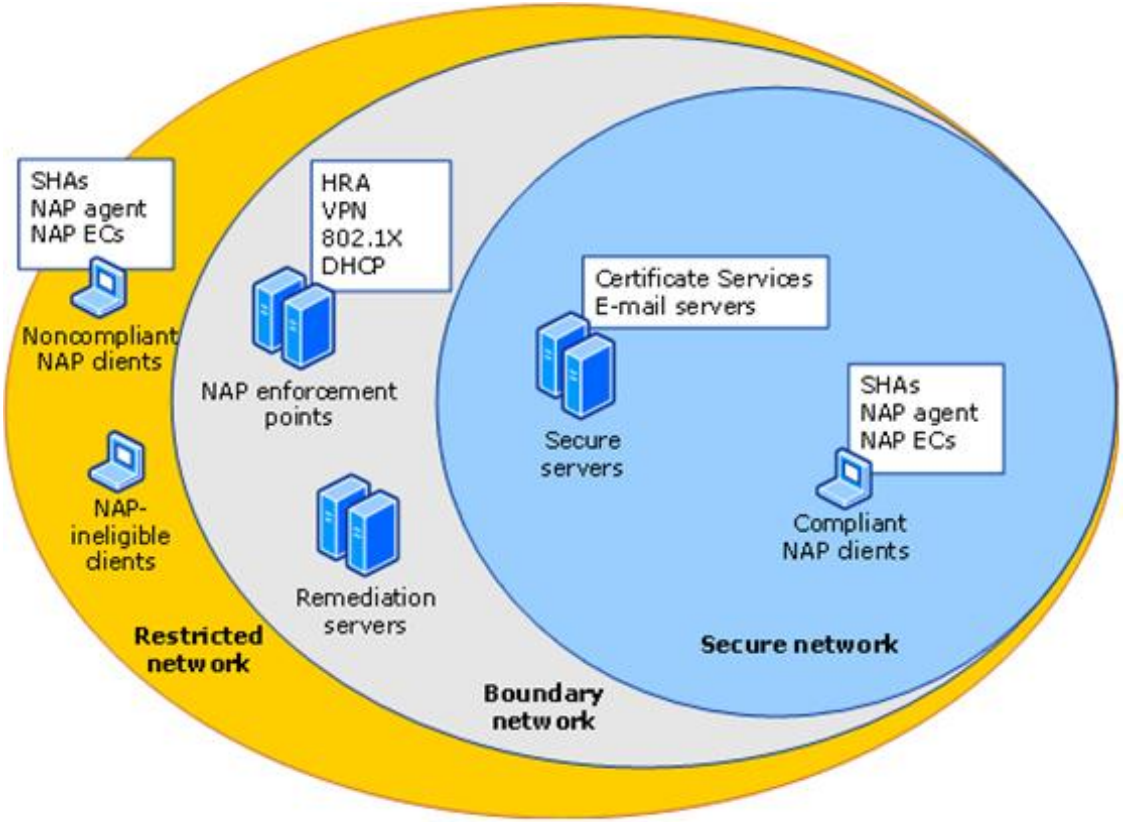
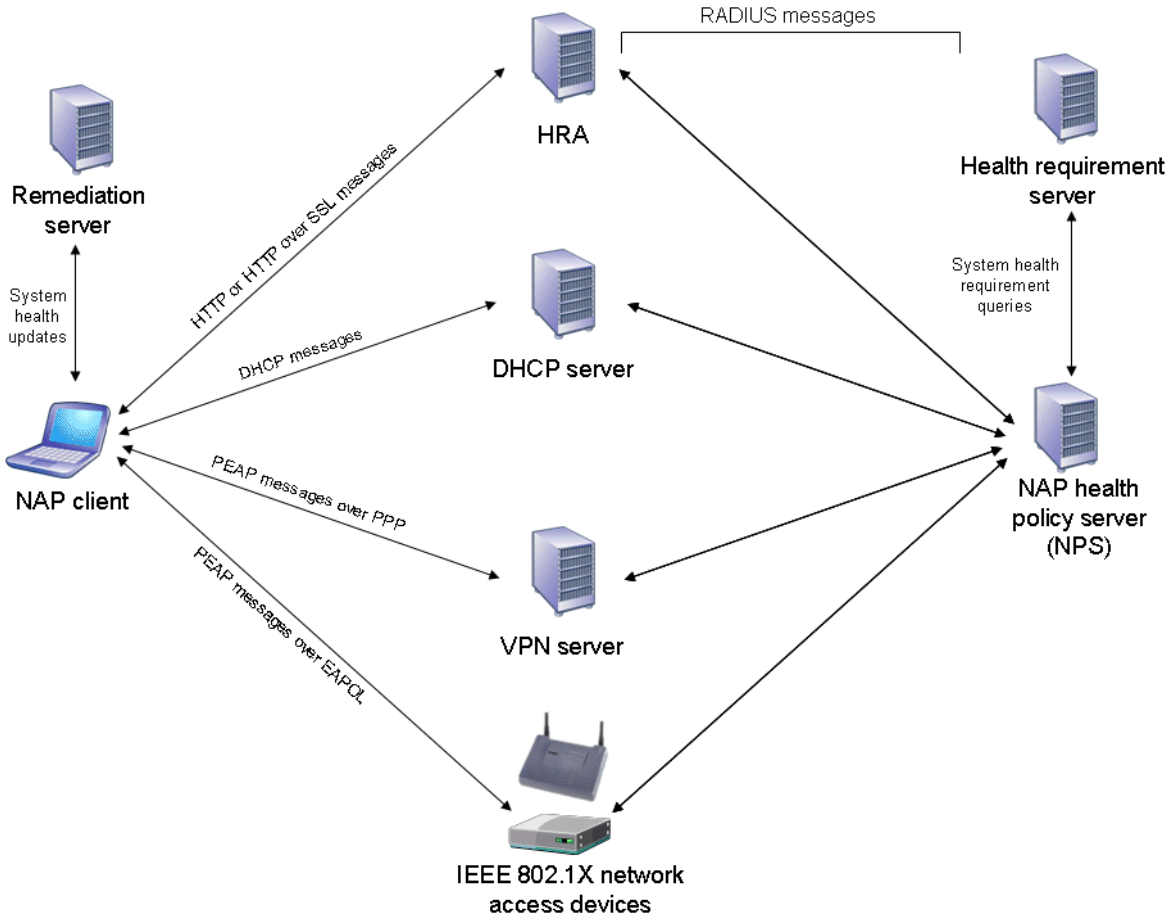
Microsoft NAP Protocols

- Promote Clients from Restricted to Secure Network
  - Based on current Security Policies and Statement of Health
  - NAP failure provides client with address of remediation servers
- Protocol Specifications
  - http://msdn.microsoft.com/en-us/library/cc216517.aspx
    - Windows Communication Protocols
    - Windows Server Protocols

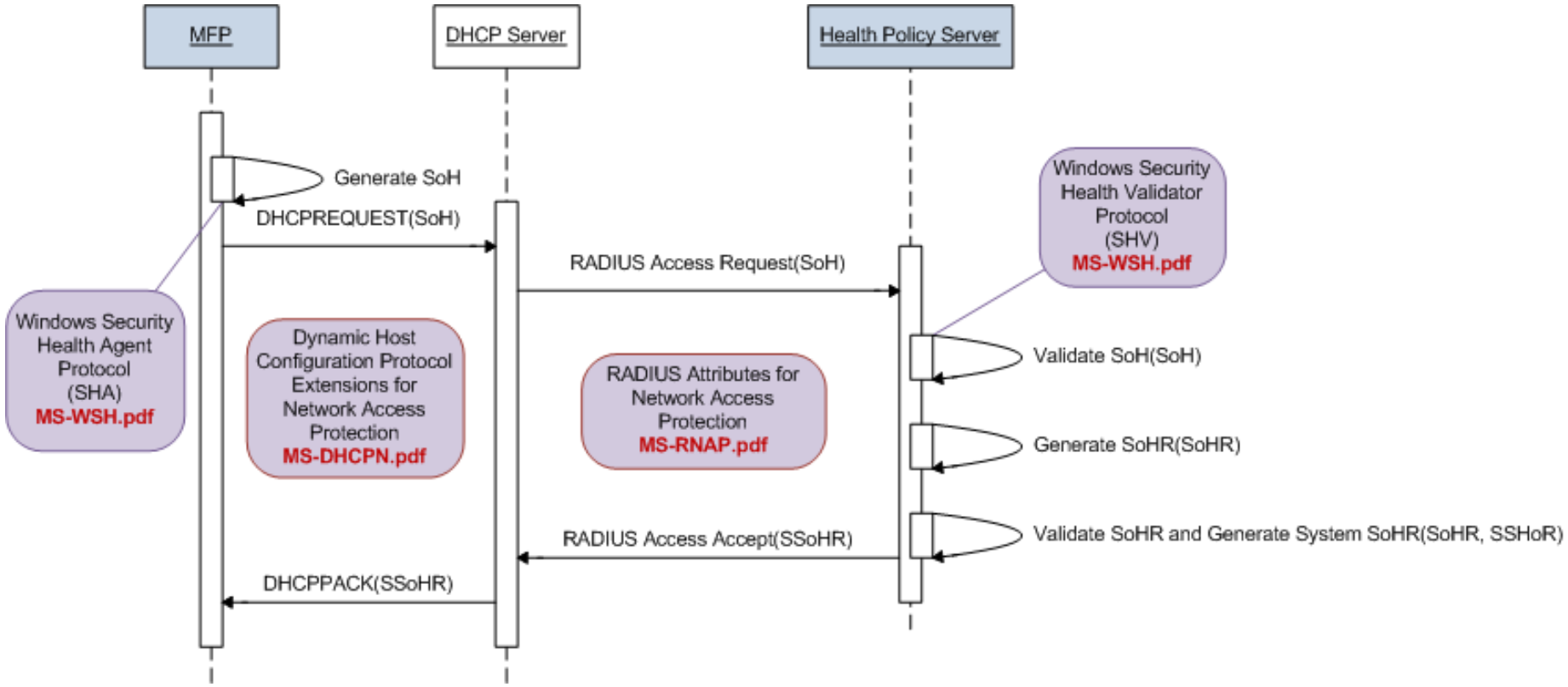


Microsoft NAP Protocols

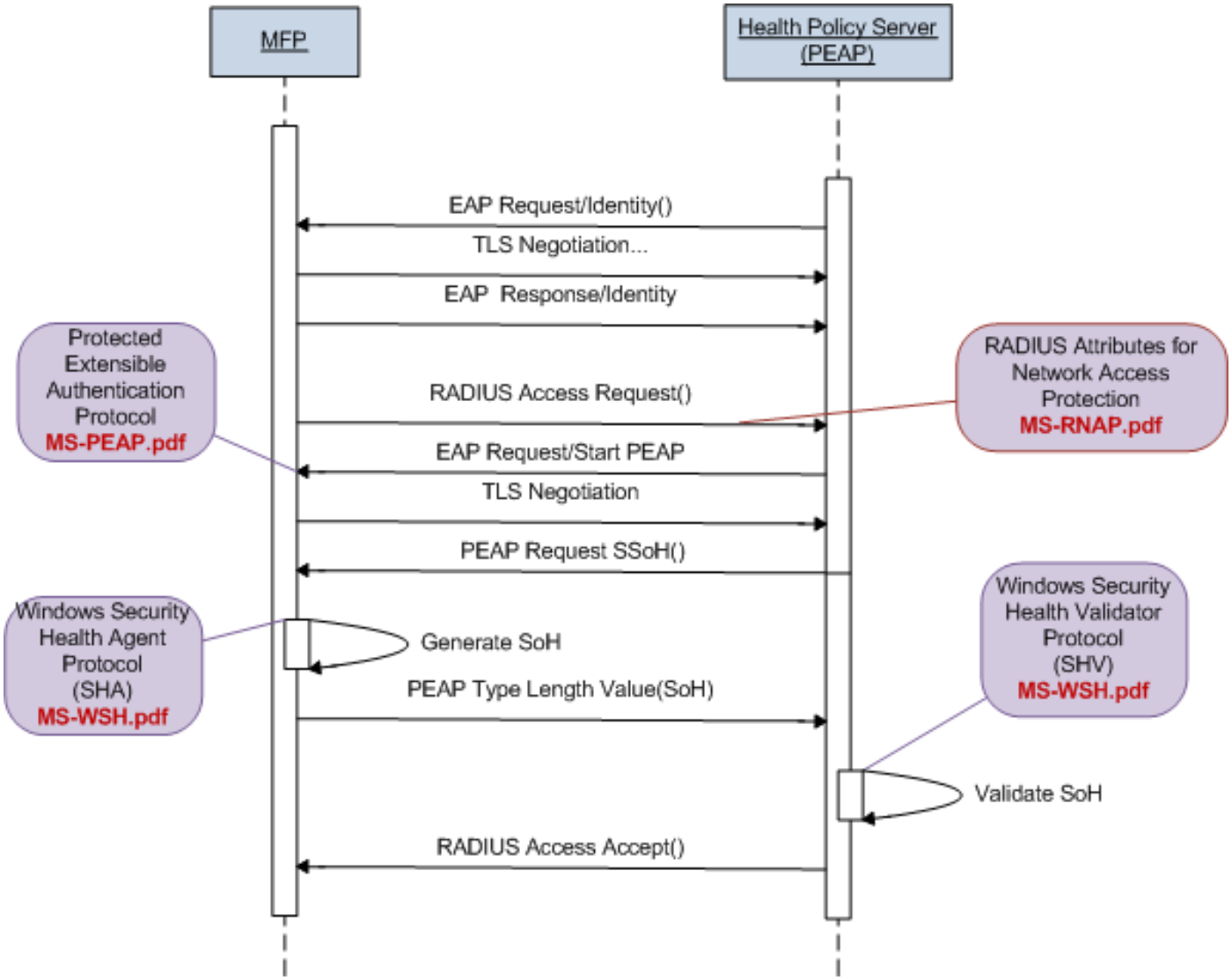
- Support Multiple Access Control Methods
  - DHCP (RADIUS)
  - 802.1x (PEAP - Protected Extensible Enrollment Protocol)
  - VPN (PEAP)
  - IPSec (HCEP – Health Certificate Enrollment Protocol)



NAP DHCP


MFP
DHCP Server
Health Policy Server
Generate SoH
DHCPREQUEST(SoH)
RADIUS Access Request(SoH)
Windows Security Health Validator Protocol (SHV) MS-WSH.pdf
Windows Security Health Agent Protocol (SHA) MS-WSH.pdf
Dynamic Host Configuration Protocol Extensions for Network Access Protection MS-DHCPN.pdf
RADIUS Attributes for Network Access Protection MS-RNAP.pdf
Validate SoH(SoH)
Generate SoHR(SoHR)
Validate SoHR and Generate System SoHR(SoHR, SSHoR)
RADIUS Access Accept(SSoHR)
DHCPPACK(SSoHR)

NAP 802.1x (PEAP)



NAP IPSec (HCEP)