PWG-IDS
Differences of the attributes between NEA and NAP protocols

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- # NAP-Network Access Protection (Microsoft)

- # NEA-Network Endpoint Assessment (Cisco)
  - NEA and NAP are a new platform and solution that controls access to network resources based on a client computer's (Health) identity and compliance with corporate governance policy.
  - NAP and NEA allow network administrators to define granular levels of network access based on who a client is, the groups to which the client belongs, and the degree to which that client is compliant with corporate governance policy. If a client is not compliant, NAP and NEA provide a mechanism to automatically bring the client back into compliance and then dynamically increase its level of network access.
  - SoH/SSoH- Statement of Health

NEA vs NAP (Attributes)

Attributes Type	Attributes name	NAP	NEA	NAP Comments
Product		Vendor-specified SoH Attribute		
	Name		Product Information	
	Version	Vendor-specified SoH Attribute	Numeric Version / String Version	
Vendor info	Name	--	Product Information	Vendor-specified SoH Attributes
	Id	part of MS System Generated IDs Sub Packet in MS System Generated IDs Packet which is one of SSoH attributes	Product Information	Optional -Vendor-specified SoH Attributes
OS	Name/type	-	Product Information	A mandatory SSOH attributes
	Ver.	OS Version Major , Version Minor, OS version Build	Numeric Version / String Version	This value set is in MS-Machine-Inventory Packet (a SSoH attribute (TV pairs)) in SSoH. The packet also has 2-byte ProcArch at end.
	Patches	SP ver. Major Sp ver. Minor	Product Information	
	Install date and time	-	Product Information	
	Release date			

NEA vs NAP (Attributes)

Attributes Type	Attributes name	NAP	NEA	Comments
Applications	Name		Product Information	IETF Std. Attribute
	Version		Numeric Version / String Version	IETF Std. Attribute
	Patches		Product Information	IETF Std. Attribute
AV-Software	Software name		Name	
	Software -ID		Software identifier	
	Version		version	
	Scan-Engine		Antivirus version	
	DAT Version		Anti Virus version	
	DAT date		Anti Virus date	
	Protection Enabled		0 enable, 1 Disable	
	Action		Vendor specific content	

NEA vs NAP (Attributes)

Attributes Type	Attributes name	NAP	NEA	Comments
Others NAP		MS Quarantine State Packet		A mandatory SSoH attribute
		MS Packet Info Packet		A mandatory SSoH attribute
		MS System Generated IDs Packet		A mandatory SSoH attribute
		MS Correlation Id Packet		A mandatory SSoH attribute
		MS Machine Name Packet		A mandatory SSoH attribute
		MS Machine Inventory Ex Packet		A mandatory SSoH attribute
		MS Installed Shvs packet(include Health Validation Service Id)		A mandatory SSoH attribute
		-		

(New Attributes)?

Attributes Type	Attributes name	NAP	NEA	Comments
Certification Token				PWG Sub-Type Attribute?
	Minimal Security Levels	X	X	PWG Attribute?
	Encryption Key Length	X	X	PWG Attribute?
	Algorithm	X	X	PWG Attribute?
	Admin Password = default	X	X	PWG Attribute?
Configuration Token				PWG Sub-Type Attribute?
	Bridging/Forwarding enabled?	X	X	PWG Attribute?
	Fax Enabled	X	X	PWG Attribute?
	Secure Time?	X	X	PWG Attribute?
	Trusted Secure Time Service?	X	X	PWG Attribute?
Firewall Settings			Firewall	IETF Std. Sub-Type Attribute

Other comments

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