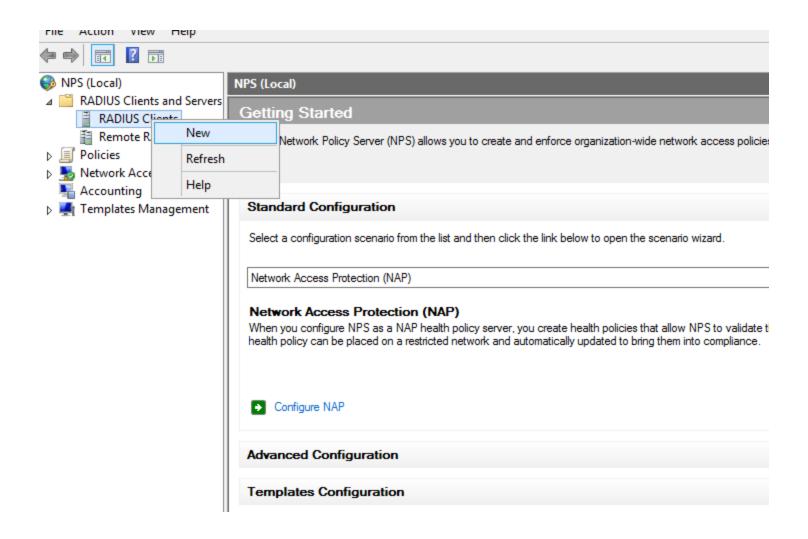
RADIUS CLIENT

Server 2012R2

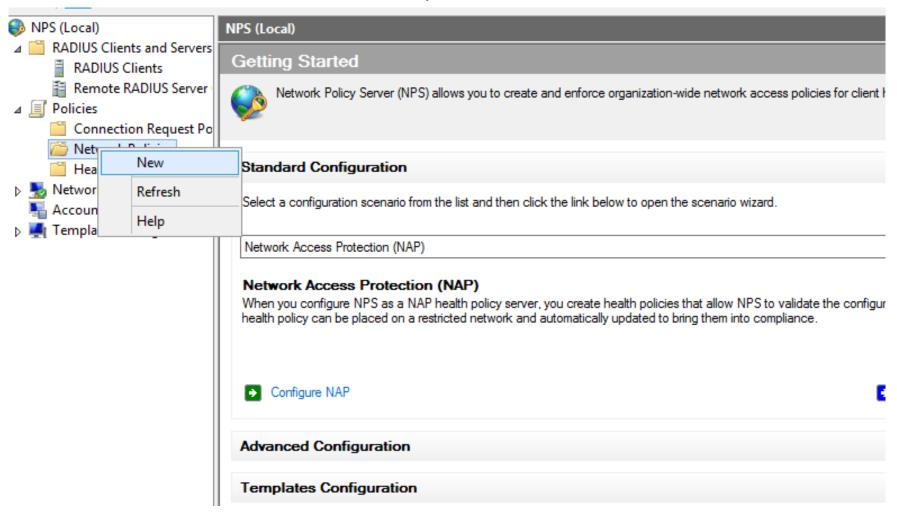
Expand RADIUS Clients and Servers > (right click) Radius Clients > New



	×
Settings Advanced	
✓ Enable this RADIUS client	
Select an existing template:	
Name and Address	
Friendly name:	
Address (IP or DNS):	
RadiusClient1.local Verify	
Shared Secret	
Select an existing Shared Secrets template:	
None	
To manually type a shared secret, click Manual. To automatically generate a shared secret, click Generate. You must configure the RADIUS client with the same shared secret entered here. Shared secrets are case-sensitive. Manual Generate Shared secret:	
•••••	
Confirm shared secret:	
•••••	
OK Cancel	

On the settings tab type the friendly name >IP of DNS of the client and enter a password, then click on OK.

Create a new Network Policy



Expand Policies > (right click) on Network Polices > Click New



Specify Network Policy Name and Connection Type

You can specify a name for your network policy and the type of connections to which the policy is applied.

Policy name:
VPN Policy
letwork connection method
Select the type of network access server that sends the connection request to NPS. You can select either the network access server type or Vendor specific, but neither is required. If your network access server is an 802.1X authenticating switch or wireless access point,
elect Unspecified.
Type of network access server:
Remote Access Server(VPN-Dial up)
Unspecified
Remote Desktop Gateway
Remote Access Server(VPN-Dial up) DHCP Server
Health Registration Authority
HCAP Server



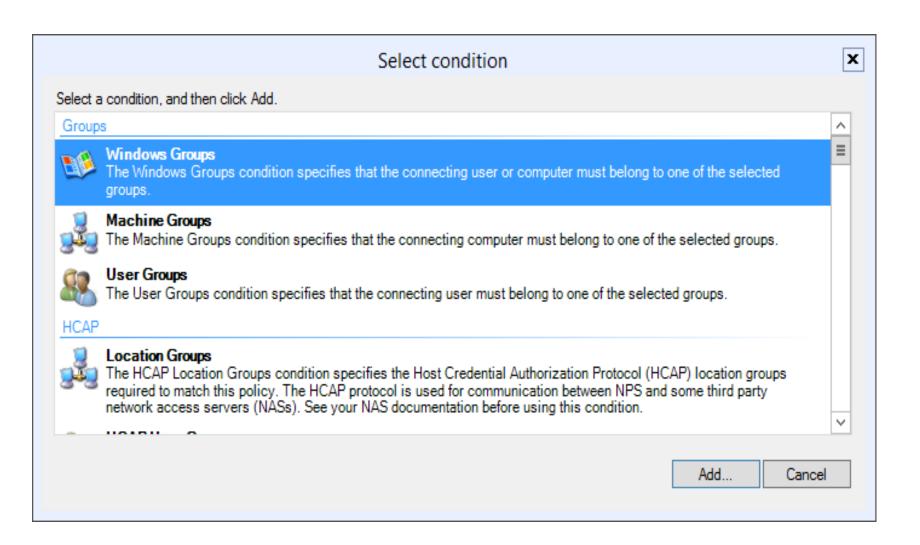




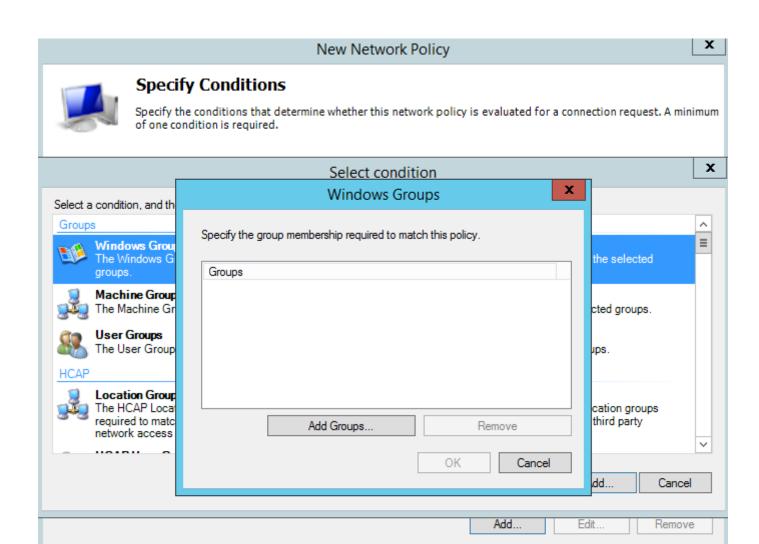
Specify Network Policy Name and Connection Type

You can specify a name for your network policy and the type of connections to which the policy is applied.				
Policy name:				
VPN Policy				
Network connection method				
Select the type of network access server that sends the connection request to NPS. You can select either the network access server type or Vendor specific, but neither is required. If your network access server is an 802.1X authenticating switch or wireless access point, select Unspecified.				
Type of network access server:				
Remote Access Server(VPN-Dial up)				
Vendor specific:				
Previous Next Finish Cancel				

			New Netwo	ork Policy			x
	Specify Conspecify the conspecify one condition	ditions that deterr	mine whether thi	s network polic	y is evaluated fo	r a connection re	equest. A minimum
Conditions:							
Condition		Value					
Condition desc	ription:				Add	Edit	Remove
				Previous	Next	Finish	Cancel



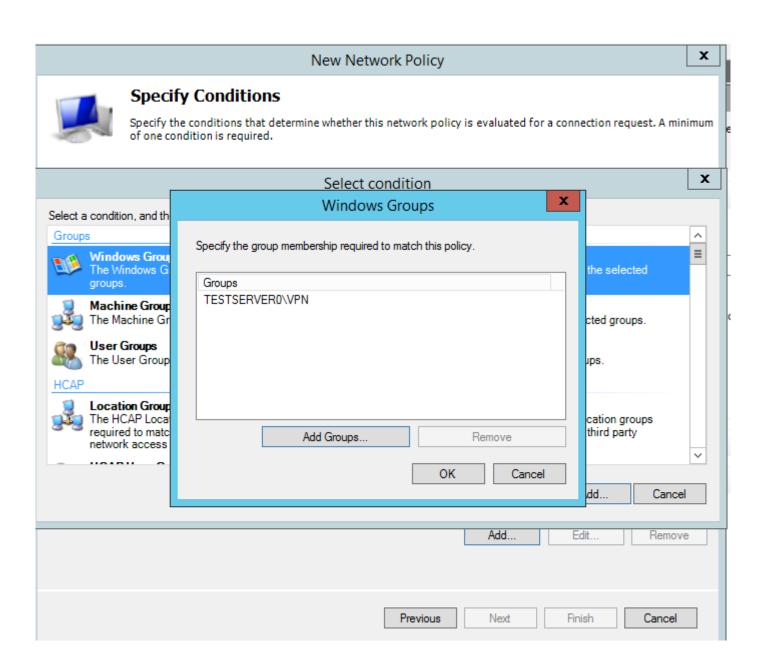
Select the Windows Groups, then click Add

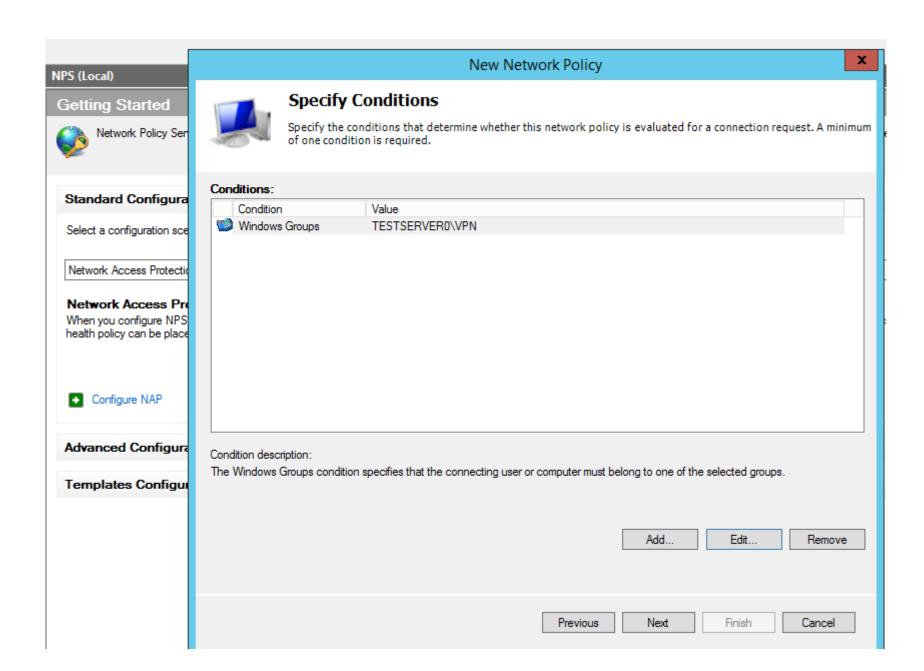


Previous

Next

Finish









Specify Access Permission

Configure whether you want to grant network access or deny network access if the connection request matches this policy.

Access granted

Grant access if client connection attempts match the conditions of this policy.

O Access denied

Deny access if client connection attempts match the conditions of this policy.

Access is determined by User Dial-in properties (which override NPS policy)

Grant or deny access according to user dial-in properties if client connection attempts match the conditions of this policy.

Previous

Next

Finish

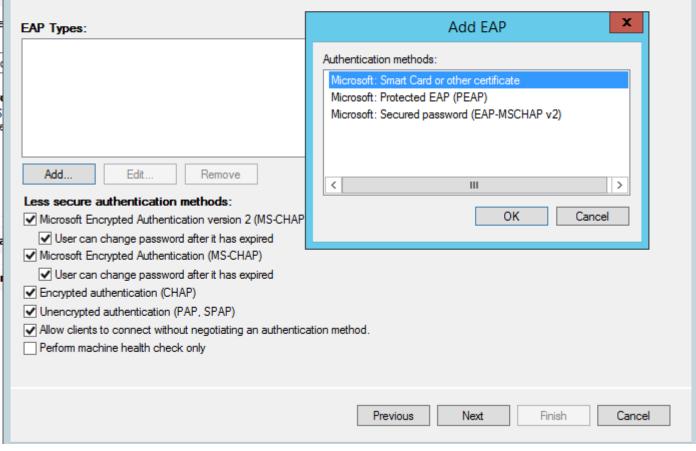




Configure Authentication Methods

Configure one or more authentication methods required for the connection request to match this policy. For EAP authentication, you must configure an EAP type. If you deploy NAP with 802.1X or VPN, you must configure Protected EAP in connection request policy, which overrides network policy authentication settings.

EAP types are negotiated between NPS and the client in the order in which they are listed.





Finish

Cancel

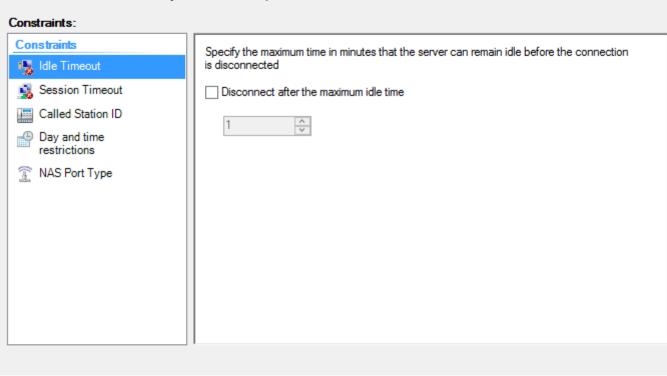


Configure Constraints

Constraints are additional parameters of the network policy that are required to match the connection request. If a constraint is not matched by the connection request, NPS automatically rejects the request. Constraints are optional; if you do not want to configure constraints, click Next.

Configure the constraints for this network policy.

If all constraints are not matched by the connection request, network access is denied.



Previous

Next



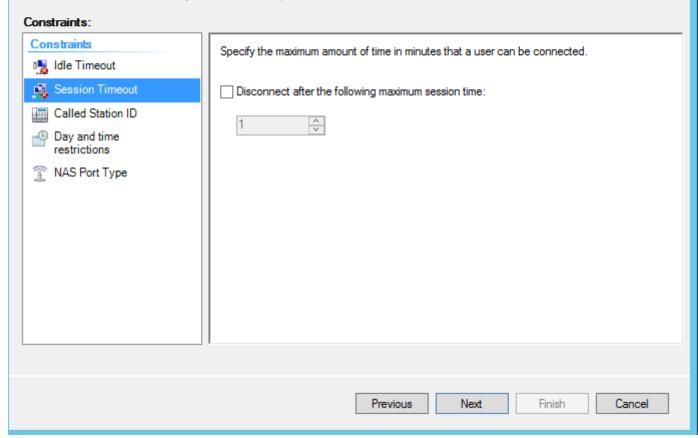


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Configure Constraints

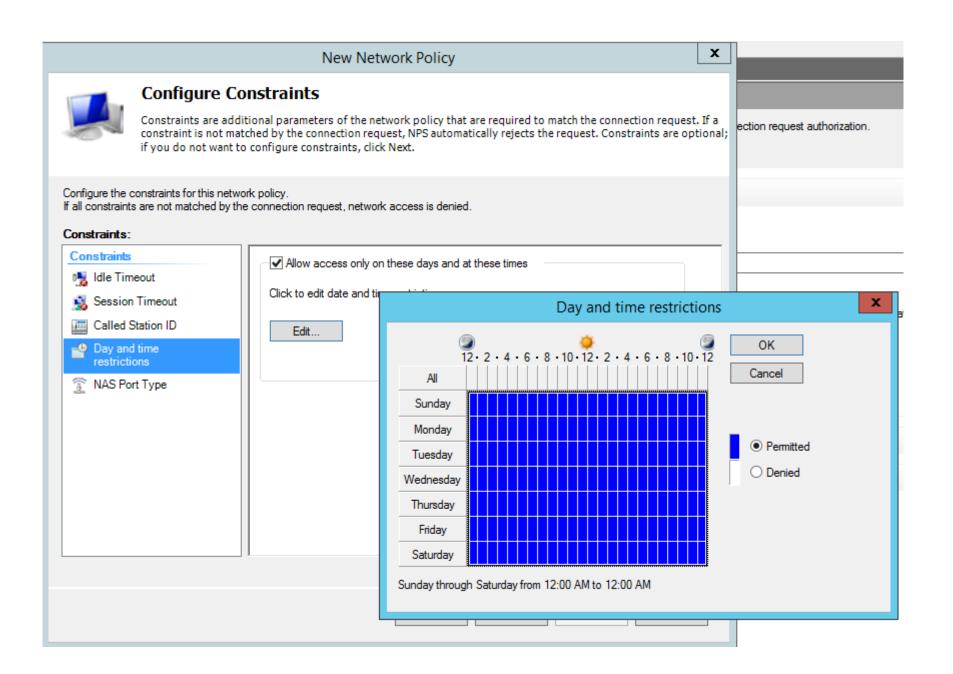
Constraints are additional parameters of the network policy that are required to match the connection request. If a constraint is not matched by the connection request, NPS automatically rejects the request. Constraints are optional; if you do not want to configure constraints, click Next.

Configure the constraints for this network policy. If all constraints are not matched by the connection request, network access is denied. Constraints: Constraints Allow access only to this number (Called-Station-ID) Idle Timeout Specify the phone number of the network access server. You can use pattern matching syntax. Session Timeout IIII Called Station ID Day and time restrictions NAS Port Type

Previous

Next

Finish







Configure Constraints

Constraints are additional parameters of the network policy that are required to match the connection request. If a constraint is not matched by the connection request, NPS automatically rejects the request. Constraints are optional; if you do not want to configure constraints, click Next.

Configure the constraints for this network policy.

If all constraints are not matched by the connection request, network access is denied.

Constraints:	
Constraints	Specify the access media types required to match this policy
Idle Timeout Session Timeout Called Station ID Day and time restrictions NAS Port Type	Common dial-up and VPN tunnel types Async (Modem) ISDN Sync Sync (T1 Line) Virtual (VPN) Common 802.1X connection tunnel types Ethemet FDDI
	Token Ring Wireless - IEEE 802.11 Others ADSL-CAP - Asymmetric DSL Carrierless Amplitude Phase Modulation ADSL-DMT - Asymmetric DSL Discrete Multi-Tone Async (Modern) Cable
	Previous Next Finish Cancel





Configure Settings

NPS applies settings to the connection request if all of the network policy conditions and constraints for the policy are matched.

Configure the settings for this network policy. If conditions and constraints match the connection request and the policy grants access, settings are applied. Settings: RADIUS Attributes Multilink Standard Specify how you would like to handle multiple connections to the network. Vendor Specific Server settings determine Multilink usage Network Access Protection Do not allow Multilink connections NAP Enforcement Specify Multilink settings Extended State Maximum number of ports allowed: \equiv Routing and Remote Access Bandwidth Allocation Protocol Multilink and If the lines of a Multilink connection fall below the following percentage of capacity for Bandwidth Allocation the specified period of time, reduce the connection by one line. Protocol (BAP) IP Filters ^ **~** Percentage of capacity: Encryption IP Settings Period of time: min Require BAP for dynamic Multilink requests Finish Previous Next Cancel





Completing New Network Policy

You have successfully created the following network policy:

VPN Policy

Policy conditions:

Condition	Value
Windows Grou	ups TESTSERVERO\VPN

Policy settings:

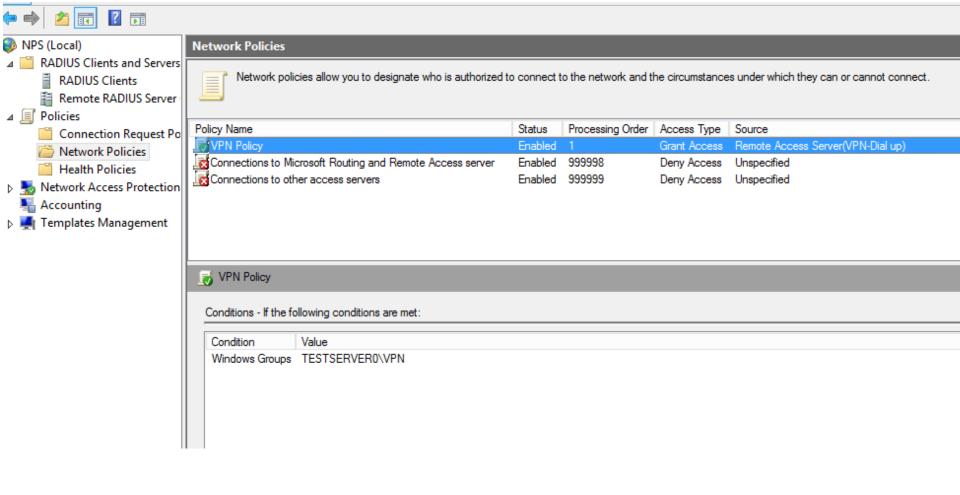
Condition	Value	$\overline{}$
Authentication Method	Encryption authentication (CHAP) OR MS-CHAP v2 OR MS-CHAP v2 (User can change password	
Access Permission	Grant Access	l≡l
Update Noncompliant Clients	True	
NAP Enforcement	Allow full network access	
Framed-Protocol	PPP	
Service-Type	Framed	$ \neg $

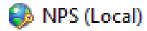
To close this wizard, click Finish.

Previous

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Finish





I RADIUS Clients and Servers

RADIUS Clients

Remote RADIUS Server

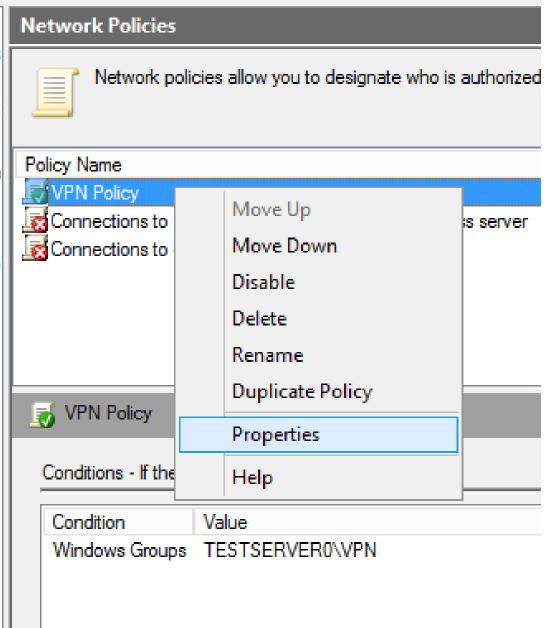
Connection Request Po

Metwork Policies

Health Policies

🕨 퉔 Network Access Protection

National Accounting



		VPN Policy	Properties			×
Overview Conditions Co	onstraints Settings VPN Policy					
Policy State If enabled, NPS evaluat Policy enabled	tes this policy while perf	oming authorization. I	f disabled, NPS does r	not evaluate this polic	y.	
Access Permission If conditions and constaccess. What is access		olicy match the conn	ection request, the po	licy can either grant	access or deny	
Grant access. Grant access. Deny access. Deny access. Deny access. Ignore user account a lf the connection required.	access if the connection	n request matches this	policy.	nd the policy grants a	ccess, perform	
Network connection me Select the type of netwo or Vendor specific, but r select Unspecified.	ork access server that s	ends the connection r	request to NPS. You ca	an select either the n		
Type of network acc Remote Access Se		¥				
○ Vendor specific:						
				ОК	Cancel	Apply

