## Lesson 13: Configuring NPS Policies

MOAC 70-411: Administering Windows Server 2012



WILEY

## Overview

- Exam Objective 4.2: Configure NPS Policies
- Managing NPS Policies

## Managing NPS Policies

Lesson 13: Configuring NPS Policies

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## Network Policy Server (NPS) Policies



#### **NPS** Policies



## Configuring Connection Request Policies

Connection request polices are based on a range of factors such as:

- The time of day and day of the week
- The realm name in the connection request
- The type of connection requested
- The IP address of the RADIUS client

## Configuring Connection Request Policies

When you create a connection request policy, you define these parameters:

- Type of network access server such as remote access server (VPN dial-up)
- Condition that species who or what can connect to the network based on one or more RADIUS attributes
- Settings that are applied to an incoming RADIUS message such as authentication, accounting, and attribute manipulation

## Configuring Connection Request Policies

Connection request policy conditions:

- Are one or more RADIUS attributes that are compared to the attributes of the incoming RADIUS Access-Request message.
- If there are multiple conditions, all of the conditions in the connection request message and in the connection request policy must match in order for the policy to be enforced by NPS.

•	Network Policy Server	_ <b>D</b> X
File Action	√iew Help	
🗢 🄿 🔁 📴		
🚳 NPS (Local)	New Connection Request Policy	
<ul> <li>▲ Con</li> <li>▲ ADIUS</li> <li>■ RAD</li> <li>■ Rem</li> <li>▲ ■ Policies</li> <li>₩ Con</li> <li>₩ Net</li> </ul>	Specify Connection Request Policy Name and Connection Type You can specify a name for your connection request policy and the type of connections to which the policy is applied.	r forwarded tion request
📑 Hea	Policy name:	
🔺 퉲 Networ		
Þ 🚮 Syst 📓 Rem 🖳 Accoun	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	
🔺 🌉 Templa	type or vendor specific, but neither is required. If your network access server is an au2.1X authenticating switch or wretess access point, select Unspecified.	
📕 Shai Ξ RΔD		
Rem	Type of network access server;	
🗐 IP Fi		
E Rem	O Vendor specific:	124.00
	10 🗘	-24.00
	Previous Next Finish Cancel	
Ostisu, lu un	· · · · · · · · · · · · · · · · · · ·	
Action: in progres	3m	

#### Defining the policy name

	New Connection Request Policy	x
	Specify Conditions Specify the conditions that determine whether this connection request policy is evaluated for a connection request minimum of one condition is required.	:. A
Conditions:	n Value	
	Add Edit Remove	*
	Previous Next Finish Cancel	

#### Specifying conditions

Select condition	x
Select a condition, and then click Add.	
Access Client IPv6 Address The Access Client IPv6 Address condition specifies the IPv6 address of the Access Client that is requesting access from the RADIUS client.	^
Framed Protocol The Framed Protocol condition restricts the policy to only clients specifying a certain framing protocol for incoming packets, such as PPP or SLIP.	≡
Service Type The Service Type condition restricts the policy to only clients specifying a certain type of service, such as Telnet or Point to Point Protocol connections.	
Tunnel Type The Tunnel Type condition restricts the policy to only clients that create a specific type of tunnel, such as PPTP or L2TP.	
Day and time restrictions	
Day and Time Restrictions	~
Add Cano	el

Selecting a condition

Tunnel Type	x
Specify the tunnel types to required to match this policy. Common dial-up and VPN tunnel types Generic Route Encapsulation (GRE) IP Encapsulating Security Payload in the Tunnel-mode (ESP) Layer Two Tunneling Protocol (L2TP) Point-to-Point Tunneling Protocol (PPTP) Secure Socket Tunneling Protocol (SSTP)	]
Common 802.1X connection tunnel types	]
Others          Others         Ascend Tunnel Management Protocol (ATMP)         Bay Dial Virtual Services (DVS)         Generic Route Encapsulation (GRE)         IP-in-IP Encapsulation (IP-IP)	
OK Cancel	

Selecting a tunnel type

	New Connection Request Policy	x
Specify Con The connection requiremote RADIUS serv	nection Request Forwarding lest can be authenticated by the local server or it can be forwarded to RADIUS servers in a ver group.	
If the policy conditions match the cor Settings:	nnection request, these settings are applied.	
Forwarding Connection         Request         Authentication         Accounting	Specify whether connection requests are processed locally, are forwarded to remote RADIUS servers for authentication, or are accepted without authentication. <ul> <li>Authenticate requests on this server</li> <li>Forward requests to the following remote RADIUS server group for authentication:</li> <li><a href="mailto:cnoticonfigured">cnot configured&gt;</a> </li> <li>Accept users without validating credentials</li> </ul>	
	Previous Next Finish Cancel	

#### Specifying Connection Request Forwarding page

	New Connection Request Policy
	Specify 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.
- Override r	network policy authentication settings
These auther connections EAP types ar	ntication settings are used rather than the constraints and authentication settings in network policy. For VPN and 802.1X with NAP, you must configure PEAP authentication here. re negotiated between NPS and the client in the order in which they are listed.
EAP Types	£
	Move Up Move Down
Add	Edit Remove
Less secu	re authentication methods:
Microsoft	Encrypted Authentication version 2 (MS-CHAP-v2)
User of Microsoft	can change password after it has expired Encrupted Authentication (MSJCHAP)
	can change password after it has expired
Encrypte	d authentication (CHAP)
Unencryp	oted authentication (PAP, SPAP)
Allow clie	nts to connect without negotiating an authentication method.
	Previous Next Finish Cancel

#### Specifying Authentication Methods page

	New Connection Request Policy
Configure Se NPS applies settings t matched.	<b>ttings</b> o the connection request if all of the connection request policy conditions for the policy are
Configure the settings for this network If conditions match the connection req Settings:	policy. uest and the policy grants access, settings are applied.
Image: Specify attribute       RADIUS Attributes       Image: Standard       Image: Vendor Specific	Select the attributes to which the following rules will be applied. Rules are processed in the order they appear in the list.          Attribute:       Called-Station-Id         Rules:       Image: Called Station Replace With       Add         Edit       Remove         Move Up       Move Down
	Previous Next Finish Cancel

#### Configuring Settings page

	New Connection Request Policy	x
Comp	leting Connection Request Policy Wizard	
You have successfully cr	eated the following connection request policy:	
Connection Policy Na	ame	
Policy conditions:		
Condition Value		
Tunnel Tune Lauer Tw	o Tunneling Protocol (I 2TP)	
Policy settings:		
Condition	Value	
Authentication Provider	Local Computer	
To close this wizard, click	s Finish.	]
	Previous Next Finish Cancel	

#### Completing Connection Request Policy Wizard

Connection Policy Name Properties
Overview     Conditions     Settings       Policy name:     Connection Policy Name
Policy State If enabled, NPS evaluates this policy while processing connection requests. If disabled, NPS does not evalue this policy.
Policy enabled
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.
Vender energie:
OK Cancel Apply

#### Configuring Connection Request Policy properties

## Configuring Network Policies

An NPS network policy evaluates remote connections based on these three components:

- Conditions
- Constraints
- Settings

## Configuring Network Policies

When a user attempts to connect to a remote access server, this process occurs:

- 1. User attempts to initiate a remote access connection.
- 2. Remote access server checks the conditions in the first configured NPS network policy.
- 3. If the conditions of this NPS network policy do not match, the remote access server checks the next configured NPS network policies. It keeps checking each policy until it finds a match or reaches the last policy.
- 4. When the remote access server finds an NPS network policy with conditions that match the incoming connection attempt, the remote access server checks any constraints that have been configured for the policy.

## Configuring Network Policies

When a user attempts to connect to a remote access server, this process occurs (continued):

- 5. Once the remote access server finds an NPS network policy with conditions that match the incoming connection attempt, the remote access server checks any constraints (such as time of day or minimum encryption level) that have been configured for the policy.
- 6. If the connection attempt does not match any configured constraints, the remote access server denies the connection.
- 7. If the connection attempt matches both the conditions and the constraints of a particular NPS network policy, the remote access server will allow or deny the connection, based on the Access Permissions configured for that policy.

	New Network Policy
	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         I         Network conn         Select the typ         type or Vendo         select Unspect         Inspectifi         Vendor specifi         10	c ection method e of network access server that sends the connection request to NPS. You can select either the network access server r specific, but neither is required. If your network access server is an 802.1× authenticating switch or wireless access point, afried. twork access server: ed ecific: 
	Previous Next Finish <b>Cancel</b>

Starting the New Network Policy Wizard

			New Netw	ork Policy				x
	Specify C Specify the cor of one condition	Conditions nditions that determ n is required.	ine whether this	network policy i	s evaluated for a	connection requ	uest. A minim	um
Conditions:								
Condition desc	iption:							
				Destinue	Add	Edit	Remov	e
				Previous	Next	Finish	Cancel	

#### Specifying conditions

os condition specifies that the connecting user or computer must belong to one of the selected	
s condition specifies that the connecting computer must belong to one of the selected groups.	
indition specifies that the connecting user must belong to one of the selected groups.	
Groups condition specifies the Host Credential Authorization Protocol (HCAP) location groups is policy. The HCAP protocol is used for communication between NPS and some third party vers (NASs). See your NAS documentation before using this condition.	
	os condition specifies that the connecting user or computer must belong to one of the selected as condition specifies that the connecting computer must belong to one of the selected groups. Andition specifies that the connecting user must belong to one of the selected groups. In Groups condition specifies the Host Credential Authorization Protocol (HCAP) location groups his policy. The HCAP protocol is used for communication between NPS and some third party vers (NASs). See your NAS documentation before using this condition.

Selecting conditions

	Windows Groups	
Specify the gr	oup membership required to match this policy.	
Groups		
	Add Groups	move
		Canaal
		Lancer

Adding Windows groups

	New Network Policy
	Specify Access Permission Configure whether you want to grant network access or deny network access if the connection request matches this policy.
<ul> <li>Access gra Grant acce</li> <li>Access de Deny acce</li> </ul>	anted iss if client connection attempts match the conditions of this policy. nied iss if client connection attempts match the conditions of this policy.
Access is a Grant or de	determined by User Dial-in properties (which override NPS policy) ny access according to user dial-in properties if client connection attempts match the conditions of this policy.
	Previous Next Finish Cancel

#### Specifying access permissions

	New Network Policy	x
	<b>Configure Authentication Methods</b> 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 r EAP Types:	negotiated between NPS and the client in the order in which they are listed.	
Add Less secure Microsoft En User car Microsoft En User car Encrypted a Unencrypte Allow client: Perform mar	Edit       Remove         authentication methods:          ncrypted Authentication version 2 (MS-CHAP-v2)          n change password after it has expired          ncrypted Authentication (MS-CHAP)          n change password after it has expired          authentication (MS-CHAP)          n change password after it has expired          authentication (CHAP)          n change password after it has expired          authentication (CHAP)          authentication (PAP, SPAP)          s to connect without negotiating an authentication method.          chine health check only	
	Previous Next Finish Cancel	]

#### Configuring authentication methods

		New Network Policy
	Configure Co Constraints are additi constraint is not matci if you do not want to o	nstraints onal parameters of the network policy that are required to match the connection request. If a hed by the connection request, NPS automatically rejects the request. Constraints are optional; configure constraints, click Next.
Configure the o If all constraint	constraints for this netwo s are not matched by the	rk policy. e connection request, network access is denied.
Constraints:		
Constraints Const	eout Timeout tation ID I time ns rt Type	Specify the maximum time in minutes that the server can remain idle before the connection is disconnected Disconnect after the maximum idle time 1
		Previous Next Finish Cancel

#### Configuring constraints

	New	Network Policy
Configure Se NP5 applies settings to matched.	ttings o the connection reque	st if all of the network policy conditions and constraints for the policy are
Configure the settings for this network p If conditions and constraints match the Settings: BADIUS Attributes	connection request and	the policy grants access, settings are applied.
Standard  Vendor Specific  Network Access Protection  NAP Enforcement	To send additional at then click Edit. If you your RADIUS client d Attributes:	tributes to RADIUS clients, select a RADIUS standard attribute, and do not configure an attribute, it is not sent to RADIUS clients. See locumentation for required attributes.
Extended State  Routing and Remote Access  Multilink and Bandwidth Allocation Protocol (BAP)  IP Filters  Excurption	Name Framed-Protocol Service-Type	Value PPP Framed
IP Settings	Add	Edit Remove
		Previous Next Finish Cancel

#### Configuring settings

	New Network Policy
Complet	ing New Network Policy
You have successfully created	I the following network policy:
Policy Name	
Policy conditions:	
Condition Value	
Windows Groups CONTOSC	D\Domain Users
Policy settings:	
Policy settings: Condition	Value
Policy settings: Condition Authentication Method	Value           Value         ^           MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2         ^
Policy settings: Condition Authentication Method Access Permission	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Change password after it has expired) OR MS-CHAP v2         Grant Access       Image: Change password after it has expired) OR MS-CHAP v2       Image: Change password after it has expired) OR MS-CHAP v2         True       Image: Change password after it has expired) OR MS-CHAP v2       Image: Change password after it has expired) OR MS-CHAP v2
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Comparison of the second
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Comparison of the section of t
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol Service-Type	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Comparison of the second
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol Service-Type	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Comparison of the second s
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol Service-Type To close this wizard, click Finist	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Comparison of the second s
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol Service-Type Fo close this wizard, click Finisl	Value          MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2          Grant Access          True       Allow full network access         PPP          Framed
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol Service-Type To close this wizard, click Finist	Value       ^         MS-CHAP v1 OR MS-CHAP v1 (User can change password after it has expired) OR MS-CHAP v2       Image: Comparison of the second s
Policy settings: Condition Authentication Method Access Permission Update Noncompliant Clients NAP Enforcement Framed-Protocol Service-Type Fo close this wizard, click Finisl	Value MS-CHAP v1 0R MS-CHAP v1 (User can change password after it has expired) 0R MS-CHAP v2 Grant Access True Allow full network access PPP Framed  h.

Completing new network policies

Policy Name Properties
Overview Conditions Constraints Settings
Policy Name Policy Name
Policy State If enabled, NPS evaluates this policy while performing authorization. If disabled, NPS does not evaluate this policy. Image Policy enabled
Access Permission If conditions and constraints of the network policy match the connection request, the policy can either grant access or deny access. <u>What is access permission?</u>
Grant access. Grant access if the connection request matches this policy.     Deny access. Deny access if the connection request matches this policy.     Ignore user account dial-in properties.
If the connection request matches the conditions and constraints of this network policy and the policy grants access, perform authorization with network policy only; do not evaluate the dial-in properties of user accounts.
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.
Vendor specific:
OK Cancel Apply

Configuring Network Policy properties

## Multilink and Bandwidth Allocation

- ISDN includes multiple channels, which allow simultaneous voice and data communications.
- With multilink and Bandwidth Allocation Protocol (BAP) settings, you can specify:
  - Whether multiple connections form a single connection to increase bandwidth
  - How BAP determines when these extra lines are dropped

#### Multilink and Bandwidth Allocation

	Policy Name Properties
Overview       Conditions       Constraints       Setting         Configure the settings for this network policy If conditions and constraints match the constraints match the constraints       Settings:         Settings:       RADIUS Attributes       Setting         Standard       Standard       Network Access Protection         NAP Enforcement       Setting and Remote Access         Multilink and Bandwidth Allocation Protocol (BAP)       IP Filters         Encryption       IP Settings	Policy Name Properties  Policy Name Properties  Process and the policy grants access, settings are applied.  Multilink  Specify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections to the network.  Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connections Secify how you would like to handle multiple connection by one line. Pergentage of capacity: Secify how you would like to handle multiple connection by one line. Reguine BAP for dynamic Multilink requests
	OK Cancel Apply

Configuring Multilink and BAP settings

## **IP** Filters

Allow you to control which packets are allowed through the network connection based on IP address.

To configuration:

- 1. Click the Input Filters or Output Filters for IPv4 or IPv6.
- 2. Specify to permit or not permit packets.
- 3. Click the New button to specify the source network or destination network.

### **IP** Filters

Inbound Filters ? X	Add IP Filter	? X
These filters control which packets are forwarded or processed by this network.	Source network	
Filter action:	IP address:	
O not permit packets listed below	Subnet mask:	
Permit only the packets listed below Filters:	Destination network	
Source Address Source Network Mask Destination Address Destination Mask P	IP address:	
	Subnet mask:	
	Protocol: Any	¥
III     >       New     Edit		
OK Cancel	ОК	Cancel

Configuring an IPv4 Inbound filter

# **Encryption Options**

- **Basic Encryption (MPPE 40-Bit)**: For dial-up and PPTP-based VPN connections, MPPE is used with a 40-bit key. For L2TP/IPsec VPN connections, 56-bit DES encryption is used.
- **Strong Encryption (MPPE 56-Bit)**: For dial-up and PPTP VPN connections, MPPE is used with a 56-bit key. For L2TP/IPsec VPN connections, 56-bit DES encryption is used.
- Strongest Encryption (MPPE 128-Bit): For dial-up and PPTP VPN connections, MPPE is used with a 128-bit key. For L2TP/IPsec VPN connections, 168-bit Triple DES encryption is used.
- **No Encryption**: This option allows unencrypted connections that match the remote access policy conditions. Clear this option to require encryption.

### **Encryption Settings**

Policy Name Properties
Overview Conditions Constraints Settings
Configure the settings for this network policy. If conditions and constraints match the connection request and the policy grants access, settings are applied.
RADIUS Attributes         Image: Standard         Image: Vendor Specific         Network Access Protection         Image: NAP Enforcement         Image: Extended State         Routing and Remote Access         Image: Image: Number of the state         Image: I
▼ IP Filters     ✓ Strong encryption (MPPE 56-bit)
Chargeption Strongest encryption (MPPE 128-bit)  No encryption
OK Cancel Apply

Configuring encryption settings

# IP Addressing

IP settings include these options:

- Server Must Supply An IP Address
- Client May Request An IP Address
- Server Settings Determine IP Address Assignment (the default setting)
- Assign A Static IP Address

#### **IP Addressing**

	Policy Name Properties	X
Overview Conditions Constraints Setting	\$	
Configure the settings for this network policy. If conditions and constraints match the conn Settings:	ection request and the policy grants access, settings are applied.	_
RADIUS Attributes	Specify the client IP address a assignment rules for this policy.	
Vendor Specific	○ Server must supply an IP address	
Network Access Protection	O Client may request an IP address	
NAP Enforcement	Server settings determine IP address assignment	
🕎 Extended State	O Assign a static IPv4 address	
Routing and Remote Access             Multilink and Bandwidth Allocation Protocol (BAP)              IP Filters              IP Filters             IP Settings	To configure IPv6 settings, go to the Standard page of RADIUS Attributes.	

Configuring IP assignment settings

NPS template types available in Templates Management:

- Shared Secrets
- RADIUS Clients
- Remote RADIUS Servers
- IP Filters
- Health Policies
- Remediation Server Groups



Configuring templates in NPS

Pv4	
Fo control the IPv4 packets this interface sends, click nput Filters.	Input Filters
Fo control the IPv4 packets this interface receives, click Dutput Filters.	Output Filters
IPv6	
Fo control the IPv6 packets this interface sends, click nput Filters.	Input Filters
Fo control the IPv6 packets this interface receives, click Dutput Filters.	Output Filters

Creating a new IP filter template

Configure VPN or Dial-Up		
	Specify IP Filters Configure IPv4 and IPv6 packet filters if you want to restrict and received.	the type of network traffic sent
If you are using Routing and Remote Access Service configured as a dial-up or VPN server, you can configure IPv4 and IPv6 input and output filters. Otherwise, click Next.		
Select an exist	ing IP <u>F</u> ilter template:	
Test Template	3	×
Test Template	9	
To control the	IPv4 packets this interface sends, click Input Filters.	Input Filters
To control the	IPv4 packets this interface receives, click Output Filters.	Output Filters
- IPE		
To control the	IPv6 packets this interface sends, click Input Filters.	Input Filters
To control the	IPv6 packets this interface receives, click Output Filters.	Output Filters
	Previous Next	Finish Cancel

#### Applying the template

## Exporting and Importing the NPS Configuration Including NPS Policies

Use the netsh command to export the entire NPS configuration from one NPS server for import on another NPS server.

NPS configuration includes:

- RADIUS clients and servers
- Network policy
- Connection request policy
- Registry
- Logging configuration

# Lesson Summary

- An NPS policy is a set of permissions or restrictions that are used by remote access authenticating servers that determine who, when, and how a client can connect to a network.
- With remote access policies, connections can be authorized or denied based on user attributes, group membership, and so on.
- Connection request policies are policies that establish sets of conditions and settings that specify which RADIUS servers perform the authentication, authorization, and accounting of connection requests received by the NPS server from RADIUS clients.
- Network policies establish sets of conditions, constraints, and settings that specify who is authorized to connect to the network and the circumstances under which they can or cannot connect.
- With multilink and Bandwidth Allocation Protocol (BAP) settings, you can specify whether multiple connections form a single connection to increase bandwidth. In addition, you can specify how BAP determines when these extra lines are dropped.

# Lesson Summary

- The IP filters allow you to control which packets are allowed through the network connection based on IP address.
- The Encryption settings enable you to specify the supported encryption used with network connections.
- The last setting in the Routing and Remote Access is IP settings, which specify how IP addresses are assigned.
- Network Policy Server templates enable you to create configuration elements that can be reused on the local NPS server and can be exported to other NPS servers.
- You can export the entire NPS configuration, including RADIUS clients and servers, network policy, connection request policy, registry, and logging configuration from one NPS server for import on another NPS server by using the netsh command.

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