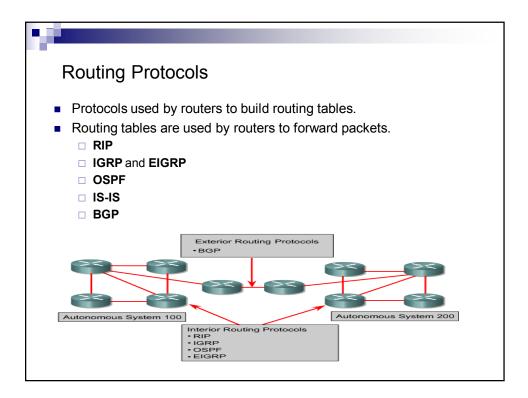
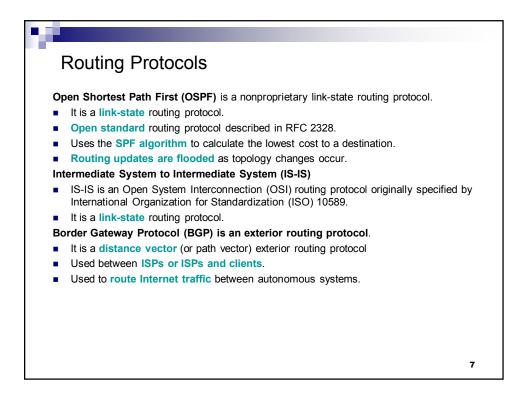
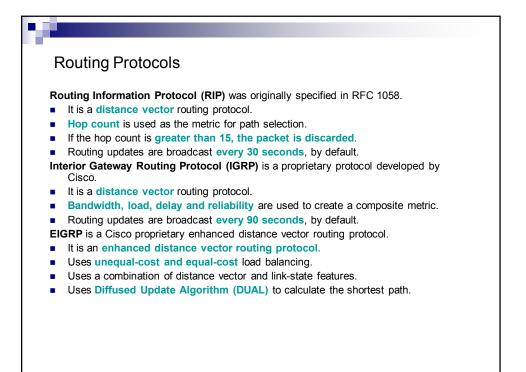
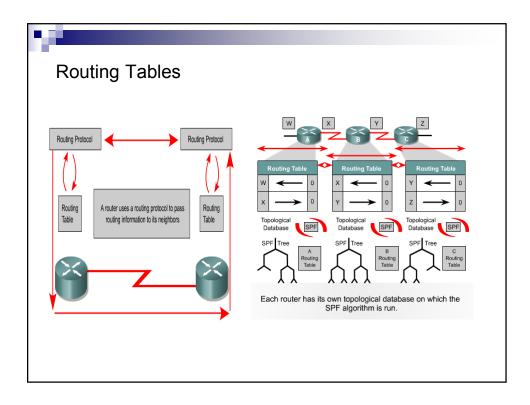


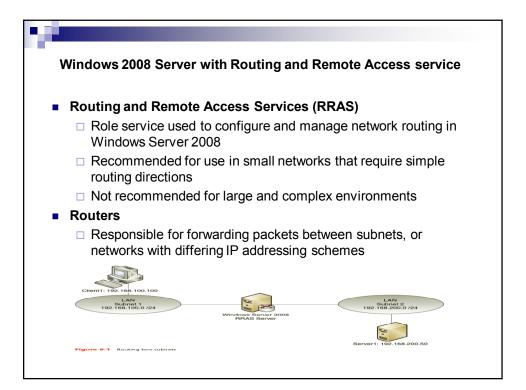
Routing Types	
Static	
	ammed route that a network enters into the router
Dynamic	
Uses a route th	nat a routing protocol adjusts or topology or traffic changes







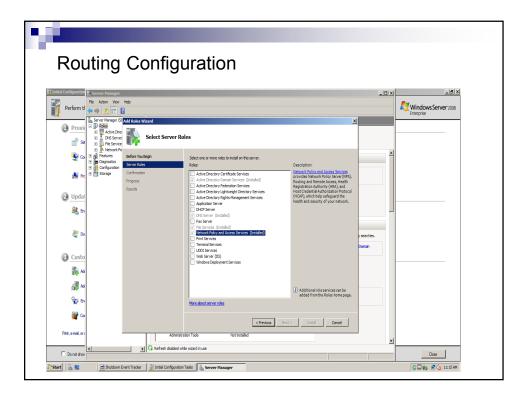


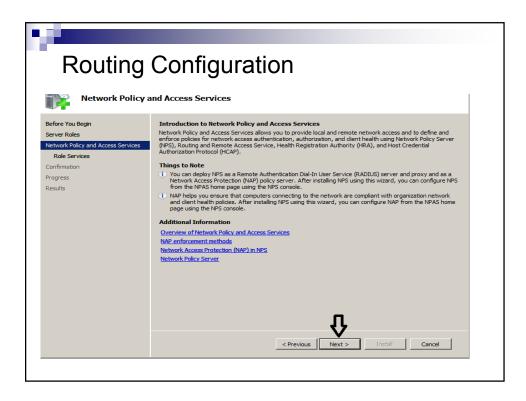


Routi	ng Table in Windows Serv	ver 2008
Rou	ting tables are composed of routes	
Rou	tes	
	Direct data traffic to its destination ba contains	sed on the information it
Rou	ting tables	
□ (ting tables Can be managed in the RRAS conso ine using the route command oute command options	le or from the command
□ ([able 9-1 R	Can be managed in the RRAS conso one using the route command	le or from the command
Command	Can be managed in the RRAS conso one using the route command	
□ (Can be managed in the RRAS conso ine using the route command oute command options Description	Example
Table 9-1 R Command	Can be managed in the RRAS conso ine using the route command oute command options Description Prints the current routing table. Adds a route to a routing table. Adds a route to a routing table. -p can be used with the command to add a persistent route so that it will be available after	Example Route print Route -p add 192.168.200.0 mask

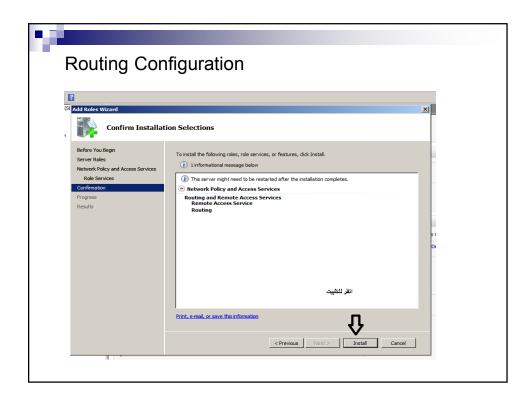


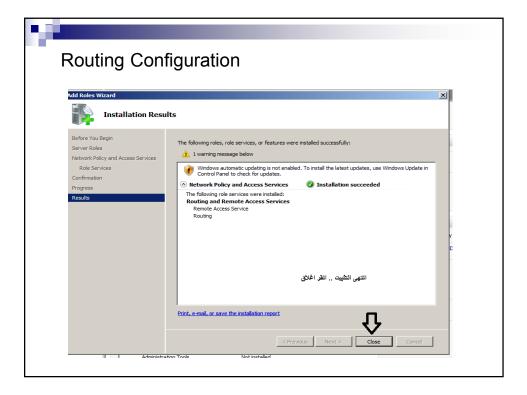
Routing C	configuration
You Begin Roles hation hs	This wizard helps you install roles on this server. You determine which roles to install based on the tasks you want this server to perform, such as sharing documents or hosting a Web site. Before you continue, verify that: • The Administrator account has a starcing password • Network settings, guide as starcing paddresses, are configured • The latest security updates from Windows Update are installed If you have to complete any of the preceding steps, cancel the wizard, complete the steps, and then run the wizard again. To continue, click Next. • Skip this page by default • Skip this page by default • Previous • Next > Install Cancel





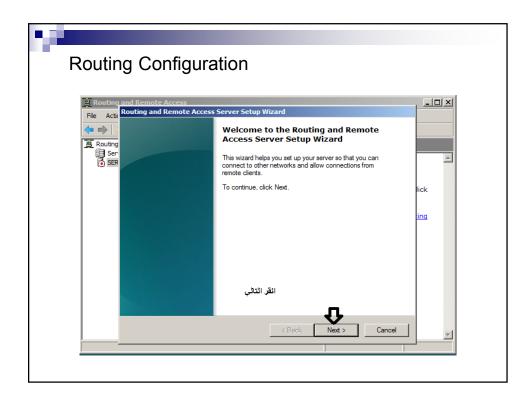
Rou	ting Configu	uration	
E gin Features E products E for Configuration E Storage	Select Role Servi Ecfore You Begin Server Roles Network Polog and Access Services Role Service Confirmation Progress Results	ices Select the role services to install for Network Policy and Access Ser Role services:	Description: Routing and Remote Access Services provides remote users access to resources on your private network over virtual private network (VPN or dial-up connections. Servers configured with the Routing and Remote Access service can provide LAN and WAY norbing services used to connect network segments within a small office or to connect two private networks over the internet.
		More about role services	Xt > Install Cancel

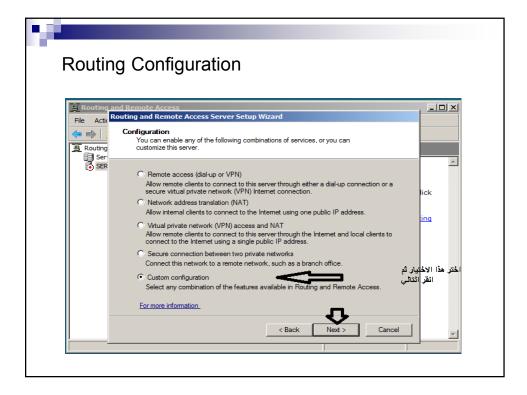




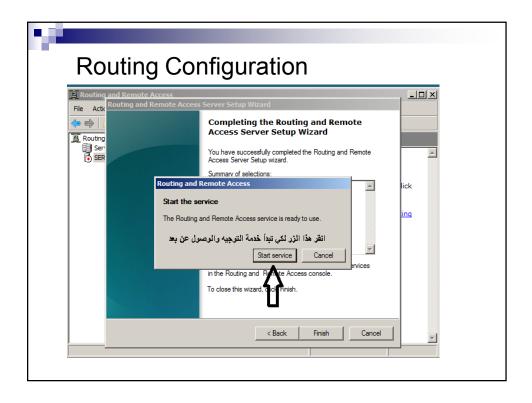
Routing Co	nfigurat	ion	
ve god-Hin		Terminal Services Active Directory Domains and Trusts Active Directory Sites and Services ACTIVE Territory Users and Computer ACTIVE Computer Management Computer Management Data Sources (ODBC) DNS EVENT Viewer Group Delay Management	
Server Manager		ISCSI Initiator Local Security Policy Memory Diagnostics Tool Network Policy Server	
Windows Update	administrator Documents Computer	Reliability and Performance Monitor Routing and Remote Access Security Configuration Wizard Server Manager Services	Routing ar uting and Re
Notepad Ease of Access Center	Network Control Panel	Share and Storage Management Image: Storage Explorer Image: Storage Storage Image: Scheduler Image: Scheduler	
	Administrative Tools Help and Support Run	Windows Server Backup	
Start > Administrative To	ols ≻ Routing and R	emote Access	
itart Search	• •		
7 Start 🖦 💼 🖅 Initial Confi	guration Tasks	1	

Routing	g Configurat	ion	
Routing and Ret File Action View Action View P P P Routing and Remo Server Status SERVER2 (or	Help Help Key Configure and Enable Routing and Remot Disable Routing and Remote Access All Tasks	•	and Remote Access, on the Action menu, click and Remote Access.
	View Delete Refresh Properties Help	•	tting up a Routing and Remote , and troubleshooting, see <u>Routing</u>
Configure	انقر بزر المان بن الایین علی اسم and Enable Routing and Remo I Remote Access for the selected server	te Acces	:S





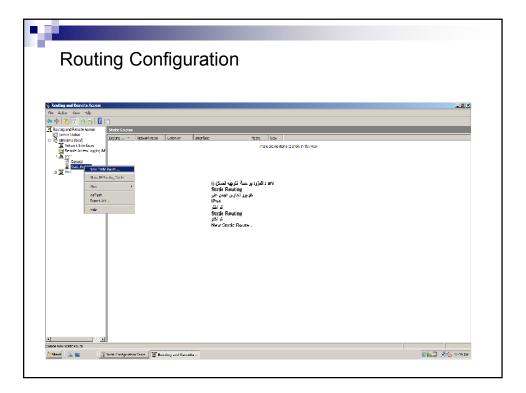
Routing Configuration
Routing and Remote Access Server Setup Wizard File Acts Custom Configuration When this wizard closes, you can configure the selected services in the Routing and Remote Access console. Select the services that you want to enable on this server. PN access Demand-dial connections (used for branch office routing) NAT NAT Eack Next / Yealt Itiz, this tild Itil, the selected service with the selected service of the servi



Routing	Configuration
Routing and Re File Actic Routing Routing Ser SER	mote Access g and Remote Access Server Setup Wizard Completing the Routing and Remote Access Server Setup Wizard Starting Routing and Remote Access Please wat while the Routing and Remote Access service on SERVER2 starts. Please wat while the Routing and Remote Access service on SERVER2 starts. After you close this wizard, configure the selected services in the Routing and Remote Access console. To close this wizard, click Finish.
	< Back Finish Cancel

Routing Configu	
File Action View Help	
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Routing and Remote Access Server Status Servers (Oca) Network Interfaces Remote Access Logging & f I I IPV4 I IPV6	IPv4 Image: Constant of the second of the
	بدأت خدمة التوجيه في العمل في مزود الشبكة الخاص بك

Routi	ng Cor	nfiai	urati	on					
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Routing and Remote Access									_16 ×
Fie Arline View (H)									
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E Server Status	Interface v	1 VDC	all'Address	Incomina bytes	Uutoono bytes	State Hiters	Administrative Status	Occretional Status	
Network Interfaces	Costaco Contestion 2	Loopback Decicated	127.0.0.1 192.158.17.132	0	0 67,154	Citable: Disabled	up Up	Operational Operational	
B Renote Access Logging & F ⊟ 3 Pv4	Sectoral Area Come Kin	Decidated Decidated	192, 158, 17, 152		30,490	Diversion	up Up	Querational	
A General B St- t Routes	H-Internal	Internal	Not evalable	ing Protocol		Disabled	Linknown X	Non-sperational	
			3-NI 3-RPV	fanton 21er Internet I	Protocol	Cancel	Genera		
د]									J



Routir	ng Configur	ation					
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