

Topic / Issue: Bintec - Dial-out LAN to LAN routing configuration guide

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The following configuration guide demonstrates a "Permanent" or "Dial on Demand" Routed LAN connection.

Using Hyperterminal and serial connection to Router on Com 1/2 in Windows

95/98/NT:

Connect Direct to Com1/2 using baud rate of 9600, N, 8, 1.

• Bintec X Series

Login: admin

Password: bintec

<p>"Local" X1000 - Will Dial "Remote" Phone Number = 9555 5555 Router IP = 10.0.0.1 Mask = 255.255.255.0</p>		<p>"Remote" X1000 - Receives call from "Local" Phone Number = 9444 4444 Router IP = 192.168.0.1 Mask = 255.255.255.0</p>	
LAN -	Define local IP Number	LAN -	Define local IP Number
	Local mask		Local mask
	mode - network speed(10/100Mbps) and connection type(full/half duplex)		mode - network speed(10/100Mbps) and connection type(full/half duplex)
WAN -	ISDN switch type - Euro ISDN point to multipoint	WAN -	ISDN switch type - Euro ISDN point to multipoint
	D & B Channels - Dialup		D & B Channels - Dialup
	Incoming call answering = N/A		Incoming call answering = N/A
	Advanced settings = N/A		Advanced settings = N/A
WAN Partner -	ADD... Partner Name = "Remote"	WAN Partner -	Item = PPP Routing
	Encapsulation - normally PPP		Number =
	Compression - Optional		<p>None - all calls are processed as PPP routing (preferred setting) or Recieved Number Possibly with area code "95555555" or with area code "395555555"</p>
	Encryption - Optional		
	CLI - Defined by other settings		
PPP>	Select authentication type ie PAP	Mode	Right to
	Partner PPP ID - "Remote"tr>		

		Local PPP ID - "Local"			Left
		PPP Password - password you send to "Remote"			Bearer = Any or Data
		Keepalives - Optional			Advanced settings = N/A
		Link Quality Monitoring - Optional			
			WAN Partner -		ADD... Partner Name = "Local"
					Encapsulation - normally PPP
					Compression - Optional
					Encryption - Optional
					CLI - Defined by other settings
					Select authentication type ie PAP
					Partner PPP ID - "Local"
					Local PPP ID - "Remote"
	Advanced Settings>	Callback = no		PPP>	PPP Password - password you recieve from "Local"
		Static Short Hold = Inactivity Timer			Keepalives - Optional
		Idle for DSH = 0			Link Quality Monitoring - Optional
		Delay after connection failure = Optional			
		Channel bundling - Optional for 128K or for bandwidth on demand			Callback = no
		Layer 1 Protocol - ISDN 64Kbps			Static Short Hold = Inactivity Timer
					Idle for DSH = 0
	WAN Numbers>	ADD... Number to be dialled and direction			Delay after connection failure = Optional
					Channel bundling - Optional for 128K or for bandwidth on demand
					Layer 1 Protocol - ISDN 64Kbps
	IP>	IP Transit network - no for normal connection, local IP Address - not required Partner LAN IP Add 192.168.0.0 Partner LAN Mask 255.255.255.0		Advanced Settings>	
	IP Advanced Settings>	Recommend: RIP Send = RIP V1 & V2 RIP Receive = RIP V1 & V2 Van Jacobson Header Compression =			

		ON			
IP -	No Setting should be required. RIP will maintain the Routing Table			WAN Numbers>	If configured only number's specified will be serviced by this profile. For simple LAN to LAN operation DO NOT Configure this setting , the profile is matched by the Username / Password, not by the Number.
PPP -	Authentication Protocol = CHAP + PAP + MS-CHAP				
Configuration Management -	Operation - SAVE (Memory-> Flash) Save as boot configuration and EXIT				
				IP>	IP Transit network - no for normal connection, local IP Address - not required Partner LAN IP Add 10.0.0.0 Partner LAN Mask 255.255.255.0
				IP Advanced Settings>	Recommend: RIP Send = RIP V1 & V2 RIP Receive = RIP V1 & V2 Van Jacobson Header Compression = ON
IP -	No Setting should be required. RIP will maintain the Routing Table				
PPP -	Authentication Protocol = CHAP + PAP + MS-CHAP				
Configuration Management -	Operation - SAVE (Memory-> Flash) Save as boot configuration and EXIT				

Summary:
(If required)