

Datel 2 1 674 2018
# judenface fastethernet ofo
# 11 address 10.0.0.10 255.000
H no shut
# exit date to the set has added
# interface serial 2/0
# ip address 20.0.0.10 2550.0.0
# no shut
Herit
100000 0 4 000 0 4000 16 00000 0 1000 0 000 0000000000
Similarly for router 1 4000 on Al
) enable
# config t
# interface serial 2/0
# ip address 20.0.0. 20 255.00.0
# no shut all any total and anomaly to
# exit
# interface serial 3/2 - 1 1 1 1 1 1 1 1 1 1
# ip address 30.000.10 255.0.00
A no shut
# exit
A second to the
for router 2.
> enable
# config t
# Interface fastethernel 0/0
# ip ad dress "10.000. 20. 255. 40.0
# no shut
# exit
off interface serial 2/0
# i paddrew 30.0.0.20 255.0.0.0
At no shut degree the supplied of the contract of
Hexit. GOODS SIX CALL 12 QUARTER 8 3

G. C.	Date / J Page J 8
	6. We need to set IP routes for all routes vis
	mules make a make and the make
	for router-0 f router-2, we do default
	routing and for router-1 static routing is
	done.
	gassing a whole only continued the
	for router-0
	A config t
	# 1p route 0-0.0.0 0-0.0.0 20.0.020
	# no shut total abolication
	# exit
	Show ip nowte
1	c 10.0.0.0 8 is directly connected, fastethemet do
	c 20.0.0.0 18 is directly connected, serial 2/0
	S+ 0.0-0.0 0 [ +/0] V/a 20.0.0.20
	HAVE THE
	Similarly for Router - 2
4	# config + a 273 at a come markles of the
	# ip nute 0.0-0.0 0.0.00 30.0.00.10.
1	# erit
	show ip nute.
1	or Router -1
	# config t
t	1 1 ponte 10.000 285.0.0.0 20.0.2.0
1	tip noute 40.0.0.0 25.00.0 30.000
1	1 exit.
	show 1p noute.
	5 40.00.00 (2.1.2)
1	S 10.0.0.0 18 [1/0] Via 20.0.0.0
(	C 30.00.0 18 15 directly connected, Sorial 2/0.
	S young le pur directly connected , sena 310
-	- 10.00.0 /8 [1/0] wild 30.0 non

7) Now, we ping 10.0.0.10 from the command prom - pt of 40.0.0.1 Result: PC > ping 40.0.0.1 ginging 40.0.0.1 top with 32 bytes of data: Request time out. Reply from 40-0.0.1! bytes = 32 time = 7ms 171=12+ Reply from 40.0.0.1: bytes = 32 time = 7ms 771=125 Reply from 40-0-0.11 bytes 32 time lms 772=125 Ping statistics for 40-0-0.1! Packets: sent = 4, Received = 3, lost = 1 (25% loss), Approximate round trip times in milli-seconds: Minimum = 2ms, Maximum = 7ms, Average = 5mu Observation · A default route is the rate which takes effect when no other route is available for an Il address destination. . If a packet is received, the device first check the Il destination address if the op destination address is not local the device checks its outing table. · If the remote destination subnet is not listed then the packet is for warded to the next hop forwards the destination using the default route. The process repeats until the packet is delivered.