- Now kuch time k hige assign kanga for
- Phir afko request send kaune faregé aux. Shire naya if address milega:
- Aaisa islige hota hai kyoki thousand of computer request karte hai awa kuch samay k baad hundred of computer shutdown hojate hai, toh woh if address kisi awa ko dena K lige hum if address assign karne ka Kuch time dedde hai.
- This is all about Dynamie Host-Configuration frotocol.
- H DNS: + ( Work on both TCP & UDP)
  Portno = 53
  - DNS Stands for Domain Mame Surver:
    - · Web address diga and its-address chahige tobs
      act DNS server ta rese tarogry.
      - Hum DNG Server k information choti-choti.

        files min divide tanggy different server fan

        Hak dete hai, aun user reste near server se

        contact karega.
    - Kabhi- tabhi hamne invuse query bhi tarune farte hai, Ki ib address se name fite find Out Rama, woh query to hum PTR query or inverse query. (Pointer PTR). Inverse domain to help

Page 262

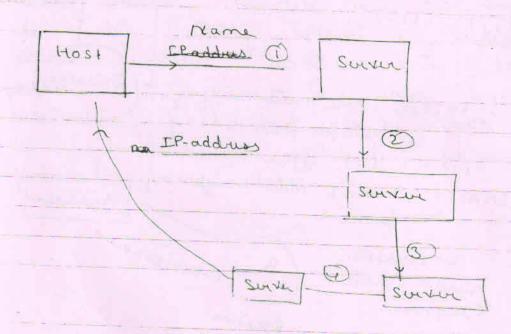
Now, how DNS rusoive this name to it and if to name.

# . Recursive: - Resolver:

PK sower dusin sower

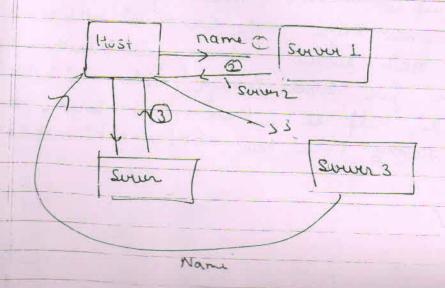
· Etreative Resolve

# Russin Recursive Resolver:

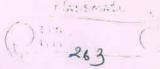


Recursion Hisologn.





y cha host k rusfonsibility hai' Saub surun ko regust send karnar.



TCP TCP (TCP) SMTP | MIME | POP | IMAP : # SMTP Sender Mail Mail Client email type (TCP) 9 ntirent STOP: - SMTP: - Simple mail SMTP biansfur Protocol POP:- Post-office Protocol IMAP: > Inturnet mail access Buotocol -POP IMAP MIME: Multipuapose Inturne mail

Extension.

Jab aab mail tyke kante ho woh hota hai

HTTP Ki help se. Now mail apre, Makre mail.

Sown ko send kina woh SMTP ki help se.

Now woh mail senen, afka mail recieve K.

mail senen far send kanga woh bhi hota

hai SMTP ki help se, then Hail. Senen; se

mail fetch kanna hota hai POP (IMAP Ki help se.

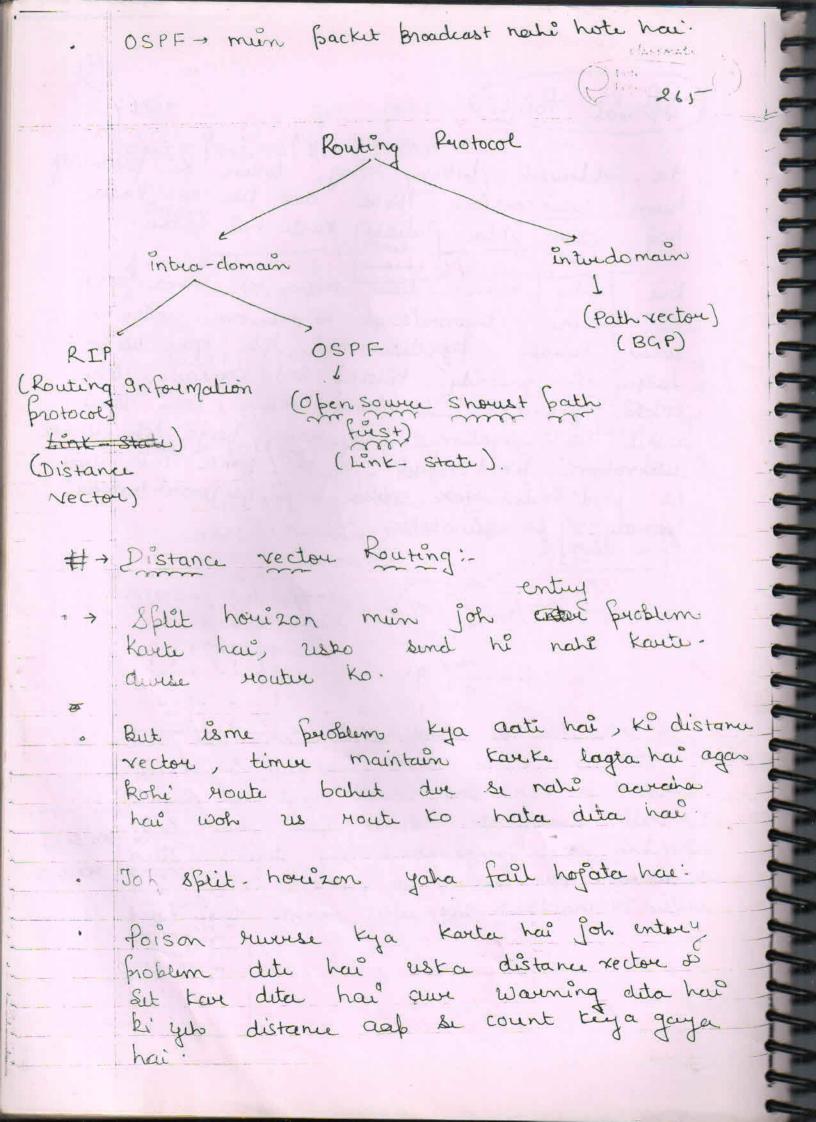
Recieve.

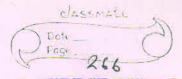
Special Point:

Pit. 264

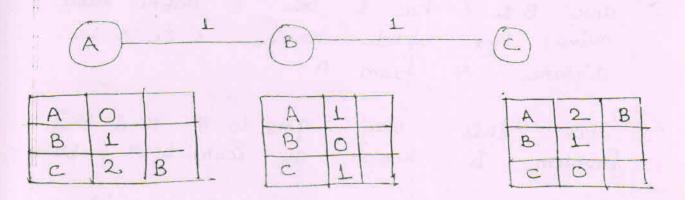
In delayed token ring, token ki priority hum reserversion field dek kan set kante hai aun phin release kante hai token.

But landy token rulease mein toh hum jaise hi frame transmission katam hur waise hi token rulease kandele hai toh jow us for token ki fuiority kitani set kangry, toho baletse forevious rotation min kohi data packet us system far aaya hoga toh ussie rusuration field fad to hi sakte the aure us field min joh value hogi, us pon hamani briouity bangi token ki.





# Now hum dekte hai count to a faction.



Now suppose &A down hogaya.

Joh aaf distance vector ki Situation kya hojayegi.

B Houter aafne distance vector min Aka distance vectore D Set Karlega.

		В	
	A	D	
	В	0	
I	c	L	

	_	
A	2	B
В	1	
C	10.	

Now problem kab aaye, agan C ka distance Vector pahale aagaya. Luh B tya samayega. & C - A ka distance hae 2 awr C - B too sa distance hae L loh A - C ka kitana hogaya 3.

3	8
0	
1	
	3 0 1

A	2	B
B	1	
C	0	

Now B sind its reptated distance rection to C.

Now C Ka Sochega, B Se A Ka distance 3 avr B Se C Ka L toh C aapne table min Kya updale Karega C Se A Ka distance 4 from A.

This this way gow to & and this froblem is known as count to & problem.

Now is problem ka kya folution toh, yen problem kab hahi aati jab A ka distance vector B k fass chale jedta, B ka aane se fahale.

Now at aab froblem aaye har toh iska Solution bhi dina hoga,

Joh Saber fahala aun simple solution yahi hai ki RIP, & ko 16 assume Karda, agan 16 kisi table min hop count hoga toh jake count-off to & converge hojayega.

Mattab distance vedor sing 15 hof tak hi work karpakte, same network k hije useful hai.

You duesa Solution Split housan.

Yen solution yet tahata hai ki , agan Kohi distance A se hi count hua hartoh hic

woh wahe entry up router to send he mat karo because woh wali entry tobo user router se calculate to gargi here



Now is folidion min kya problem hai, ki distance rector Timer maintain Farke Makta hai agar kohi Moute bohut der se rahi milta hai toh woh us noute ko vase kar data hai?

Now toh iska kya solution, toh aaf woh entiry send toh karo far uska distance vector & send karo, lun warning do ki yeh wala distance vectore aafse hi count kiya gaya hai.

Now distance rector & kitane iteration lagne & baad, algorithm Stable hojati hai boh

= ten Longust: faith a france believen annet two node. non-assis data to be sent through e-meir > mime specket id => fourther + ip - asl => 16 + 32 => 48

The street was