Subject Abdel Rahman Adel Abdel Total Sheet 5

Date 17 012296

	Sincer 5	
1)	Acres of the 1988	2) Beech Deput late of
<u>D</u>	Distance Vector Roubing	Link State Routing
Algorithm	Bellman Ford	Dijskora
Network	Topology information from the reighbour point of view	Complete information on the network topology
Viau		the Network topology
Best Path Calculation	pased on the least number of hops	Based on Cost
Calculation	of hops	play a litt my that or
Opdates	Full routing table	Link state updates
Updates	Periodic Updates	Criggered Updates
Updates Frequency	a hadred in the spector	0
CPU & memory	Low utilisation	high utilization
Convergence	Moderate	Fast
Time	- Just & pourte IP as	Windows which is
1.00 C 2.00	to walk as side from a	the state of the state of
Updates	on broadcast	on Multicogt
Hierarchical		
Structure	No	Jess vand
Intermidate	1 304	100 V C 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Nodes	No	les
	OSCAR	
	OSCAR	1

2) Border Gateway Protocol (BGP) is used for inter-AS.	4
2) Border Gateway Protocol (BGP) is used for inter-AS. Route Information Protocol (RIP) & Open Shortest Path Fire	st (OSPF)
are used for 3 intra - AS.	Alamban
Inter-AS protocol helps in the controlled distrib of routing information.	ution
of routing information.	WEW !
Intra-AS protocol comprises of the policy issues play a less important role in choosing noutes	which
play a less important role in choosing noutes	Palculation
Inter-AS routing is policy oriented. Intra -AS routing is performance oriented.	(plan -
Intra - AS roubing is performance oriented.	
3) The Default will be localhood for the Apache 5 and also not all home routes allow external to get pages from your home retweet 4 +ts to be a security sifeature.	ever
and also not all home routes allow external	lasts requests
to get pages from your home retwerte a xts	Considered
to be a selevity difeature.	
The interest is divided into public & private IP spa and Private IPs went usually accessible from a	ceso
and trivate Its arent usually accessible from a	public IP.
D. A.L. mare	
Problems.	La de la contraction
1) Prefix: 223.1.17/24	A wilace
Subject #1: -> at least 60	
Subject # 2: -> at least 30	Leteralite
Subret # 3: -> at least 12	Niches .
The state of the s	
	4

OSCAR

Sub	ject				Date /		
Sub	ret 1:60 -	-> hound	$u\rho \longrightarrow 6$	4 3			The state of the s
	ret 2: 90 -						
_ Subn	et 3: 12 -	> round up	→ 16		= 24		
)Su	bret 1: 223	1.1.17.	0 /26				
	bnet 2: 223						
sul	bret 3: 223	.1.17.64	1/28				
(2)							
	Step	N)(t),p(t)	D(w),p(w)	D(V), P(V)		
Step	N'	D(t),p(t)	D(tl), P(U)	D(V), P(V)	D(w), p(w)	B(4) P(4)	D(Z) P(Z
, 0	X	0	00	3, x	6, X	6,2	8,x
1	XV	7. V	6, V	3, ∝	6, se	6,2	8,20
2	XVV	Ŧ,V	6 , V	3,∞	6,x	6,2	8x
3	XVUW	7, V	6,V	3,⊄	6,20	6, Z	8 20
4	XVUWY	7,V	6, V	3,2	6,x	6.x	8,70
5	xvowyt	7, V	6, V	7.2	6,2	6,2	8,x
6	xvuwytz	7, 1	6, V	3,2	6,50	6,8	22
)———							