1	hooxy 456
	ARP 8 RARP Date
	Address Resolution Protocol (ARP):
	- ARP associates an IP address with the physical
<u></u>	Mappira
	Logical Address Mapping physical Address (ARP)
`	(ARP)
	- As 'IP' uses the service of Data link layer,
	it needs to know the physical address of the
	it needs to know the physical address of the next hop => hop
	Mapping of IP Addres into MAC Addres: -
	(1) Hatic mapping
	(2) Dynamic mapping
	(1) Static Mapping: ioh
	Table is created with logical & physical address.
- . . 	limitations
	PAPA
	(e) Dynamic Mapping
	Each time a machine knows the logical addr.
	of another machine, it can use a protocol
	to find physical address.
	logical Addre.
<u></u>	
_	
	ART IN THE STATE OF THE STATE O
<u>-</u>	physical Addr.
	The first of X or / and Y or /
	The state of the s
=	

	Page No.
	Date
	III - OC NDP
	position of ARP
	[ICMP] [IGIMP]
10	TARP TRADO
	[ARP RADO]
	estel in income a contra in incol
	Working
	Morking
• •	ARP protocol
	the secretary in the second of the second the
	· Accepts a logical address from the IP
	protocol
	THE COLD THE CONTRACT
	- Maps the address to the corresponding
	physical addruss
	-pass it to the data link bayers
P	to instruct a torright after believed as side
	MI APP Per MI
11-	ARP PUPONG makes A
	X X X X X
	M3 MUI M5
	MI will send ARP reg, packet > MAC add M, M2 IP add
	Me To add
	ARP Response - M2 TP.
	ARP Response - M2 IP - M2 physical address
	ARP - injust -> Broadcast
	ARP -> puponse -> Unicart
Ü.	

Date ARP Packet format IPV4/TPV6 Type of Hardwax Hardwar Type protocol type HIW soquet (1), rapity (2) length Protocol Len iength of physical sender HIW Address length of - 10gicel sender protocal addr. Target HIW Addrwy (Notfilledin seq. myg) Target protocol Address -> receipt Encapulation of ARP Packet ARP request or reply Type_0x0806 Pramble Destination Source Data Type CRC 9 SFD address add my 13 6 bytes 4 bytes 8 bytes 6 bytes 2 bytes Four Cases using ARP

Page No.

	Page No. 4
	RARP(Reverse Addx15 Resolution Protocol (RARP)
	- RARPI Maps a physical address to a togical address
Visita	physical Add - Map logical IP Addr.
	A Production B
	C P [RARP Serve]
	Consider to acting topport.
	Entrouclation of AMP Pack + ARI con-
9	en de la constant de
	County Columbia Strain Columbia
	· ·