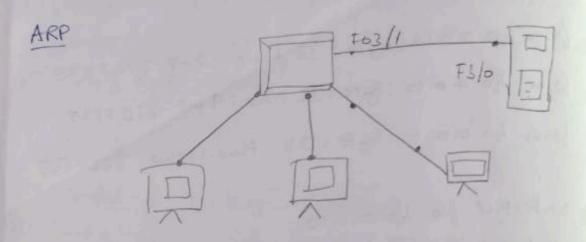
3/8/23 - ARP
Jo Constant Simple LAN and understand the
Concept and operation of Address Resolution
Protocol.



Procedure

- create a topology of 4 PC's 4 a server.
- Set IP address to all of them.
- Connect the PC's through a switch.
- Use the inspect tool to dick on a Pc to See the ARP protocol.
- Suitially ARP table will be empty
- Use the capture button in the simulation panel to go Step by Step 80 that the Changes in ARP protocol can be clearly noted.
- go to the search button in the panel to get ARP tables of all the End devices.
- Observe the Switch as well the woods opdate the ARD table as and when a vew Communication Starts.

Ping output.

PC 7 Ping 10.0.0.2

PC 7 Ping 10.0.0.2

PC 7 Ping 10.0.04.

8 stard address Physical address Type.

10.0.0.2 0008.66 15.3618 dynamic

10.0.0.3 0000.0667.6488 dynamic

10.0.0.4 0000.6657.6488 dynamic

observation

every time when we do in all the R's.

ARP talks will have values empty of

the starting 4 values will be foomed whenever we ping each PC in the ping.

13/8/2013

