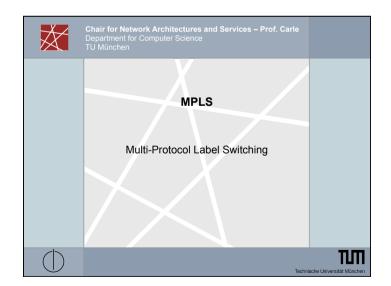




Classical IP and ARP over ATM (CLIP)

- □ RFC 1577: Classical IP and ARP over ATM
- ATMARP Server Operational Requirements
 - The ATMARP server, upon the completion of an ATM call/ connection of a new VC, will transmit an InATMARP request to determine the IP address of the client.
 - The InATMARP reply from the client contains the information necessary for the ATMARP Server to build its ATMARP table cache
 - This information is used to generate replies to the ATMARP requests it receives.
- InATMARP is the same protocol as the original InARP protocol presented in RFC 1293 but applied to ATM networks: Discover the protocol address of a station associated with a virtual circuit.
- RFC 1293: Bradely, T., and C. Brown, "Inverse Address Resolution Protocol", January 1992.

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Classical IP and ARP over ATM (CLIP)

- □ RFC 1577: Classical IP and ARP over ATM
- ATMARP Client Operational Requirements
 - Initiate the VC connection to the ATMARP server for transmitting and receiving ATMARP and InATMARP packets.
 - Respond to ARP_REQUEST and InARP_REQUEST packets received on any VC appropriately.
 - Generate and transmit ARP_REQUEST packets to the ATMARP server and to process ARP_REPLY appropriately. ARP_REPLY packets should be used to build/refresh its own client ATMARP table entries.
 - 4. Generate and transmit InARP_REQUEST packets as needed and to process InARP_REPLY packets appropriately. InARP_REPLY packets should be used to build/refresh its own client ATMARP table entries.
 - 5. Provide an ATMARP table aging function to remove own old client ATMARP tables entries after a period of time.

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