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Part III Network Tools

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- a) 1. SSDP : Simple Service Discovery Protocol.
It is a network protocol. It can discover Plug and Play devices. It is based on Internet Protocol Suite for advertisement and discovery of network services and presence information.

Its details and information are updated in IETF Draft Revision 3 Oct 28, 1999.
Section 10 of RFC 2026.

2. ARP : Address Resolution Protocol
It is used to dynamically discover the mapping b/w a Layer 3 (protocol) and a Layer 2 (hardware) address.
One of its typical use is mapping of an IP address to the underlying Ethernet address.

In an Open System Interconnection Model (OSI) model, ARP is a network protocol.

It is associated with RFC 826.

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3. MDNS: Multicast Domain Name System Protocol.
It resolves hostnames to IP addresses within small networks that do not include a local name server.
It is an Application layer protocol.
It is associated with RFC 6762.
4. ICMP: Internet Control Message Protocol.
It is a part of Internet protocol family.
IP uses ICMP to transfer control messages between IP hosts.
ICMP is a network layer protocol.
It is associated by RFC 792.
5. LLC: Logic Link Layer Protocol
It is associated with logical link control data communication protocol layer which is a upper sublayer of data link layer and acts as an interface between ~~the~~ media access control sublayer and the network layer.
It is a data link layer protocol.
It has been mentioned at some places in RFC 935.