**Transport Protocol for each Application Layer Protocol**

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| Protocol | Service Name | Port number | TCP / UDP |
| BGP | Border Gateway Protocol | 179 | TCP |
| DHCP | Dynamic Host Configuration Protocol | 67, 68 | TCP |
| DNS | Domain Name Service | 53 | UDP / TCP |
| FTP | File Transfer Protocol | 20, 21 | TCP |
| HTTP | Hyper Text Transfer Protocol | 80 | TCP |
| HTTPS | Hyper Text Transfer Protocol(Secure) | 443 | TCP |
| IMAP | Internet Message Access Protocol | 143 |  |
| LDAP | Light Weight Directory Authentication Protocol | 389 | TCP |
| MGCP – Gateway | Media Gateway Control Protocol | 2427 | UDP / TCP |
| MGCP – Callagent | Media Gateway Control Protocol | 2727 | UDP / TCP |
| MQTT | Message Queuing Telemetry Transport | 1883 | UDP / TCP |
| NNTP | Network News Transfer Protocol | 119 | TCP |
| NTP | Network Time Protocol | 123 | TCP |
| POP | Post Office Protocol | 109, 110 | TCP |
| ONC/RPC | Open Network Computing Remote Procedure call | 111 | UDP / TCP |
| RTP | Real Time Transport Protocol |  |  |
| RTSP | Real Time Streaming Protocol | 554 | UDP / TCP |
| RIP | Routing Information Protocol | 520 | UDP |
| SIP | Session Initiation Protocol | 5060, 5061 | UDP / TCP |
| SMTP | Simple Message Transfer Protocol | 25 | TCP |
| SNMP | Simple Network Management Protocol | 161, 162 | UDP / TCP |
| SSH | Secure Shell | 22 | TCP |
| Telnet | Telnet | 23 | TCP |
| TLS/SSL | Transport Layer Security | Depends | UDP / TCP |
| XMPP | Extensible Messaging and Presence Protocol | Depends | UDP / TCP |