**WELL-KNOWN NETWORKING PORTS**

* Well-known ports range from 0 to 1023

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| **Port Number** | **Service** | **Usage** |
| 7 | Echo | The echo server returns data is received on an originating source. |
| 20 | File Transfer Protocol (FTP) | Data Transfer. |
| 21 | File Transfer Protocol (FTP) | Command Control. |
| 22 | Secure Shell (SSH) | It manages network devices at the command level securely. |
| 23 | Telnet | Remote login service, unencrypted text messages. |
| 25 | Simple Mail Transfer Protocol (SMTP) | E-mail Routing. It is used to transfer email from source to destination between mail servers. |
| 53 | Domain Name System (DNS) | It converts domain names into IP addresses for network routing. |
| 67-68 | DHCP/BOOTP | It provides a connectionless service model with the help of User Datagram Protocol (UDP). |
| 69 | Trivial File Transfer Protocol (TFTP) | It transfers files without the session establishment. |
| 70 | Gopher | It provides gateways to other information systems such as the World-Wide Web, WHOIS WAIS, Archie, etc. It allows search and retrieve information from different locations easily. |
| 80 | Hypertext Transfer Protocol (HTTP) | It is a protocol for distributed, hypermedia, collaborative information systems. |
| 110 | Post Office Protocol (POP3) | Used by e-mail clients to retrieve e-mail from a server. |
| 119 | Network News Transfer Protocol (NNTP) | It helps to connect to Usenet servers and transfer newsgroup articles between systems. |
| 123 | Network Time Protocol (NTP) | It is used to synchronize the devices on the Internet. |
| 137-139 | NetBIOS | It is not a protocol, but it is used in combination with IP with an over TCP/IP (NBT) protocol. It helps to interconnect Microsoft Windows machines. |
| 143 | Internet Message Access Protocol 4 (IMAP4) | To Manage Digital Mail. |
| 161-162 | Simple Network Management Protocol (SNMP) | It is used by network administrators for network management. |
| 179 | BGP | It is used by ISP (Internet Service Provider) to maintain traffic processing and huge routing tables. |
| 194 | Internet Relay Chat (IRC) | It provides communication in the form of text in an easier way which is based on a client/server networking model. |
| 389 | LDAP | LDAP provides access and maintenance for distributed directory information. It is based on the ITU-T X.500 standard, but it has been altered and simplified to work over TCP/IP networks. |
| 443 | HTTP Secure (HTTPS) | It provides the same functions as HTTP, but it uses a secure connection with the help of SSL or TLS. |
| 636 | Lightweight Directory Access Protocol over TLS/SSL (LDAPS) | LDAPS provides the same functions as LDAP, but it uses a secure connection with the help of SSL or TLS. |
| 520 | RIP | It uses hop count to find the best path between the source and the destination network. |