

## *All Port Numbers In Networking*







### **All Port Numbers In Networking**

One of the many fundamental things to know as a network engineer is the function and port number used by a number of common services as well as many that are typically implemented during the course of a network engineer's career. This article takes a look at these protocols, provides a basic description of their function and lists the port numbers that they are commonly associated with.

### **TCP/IP Ports and Protocols - Pearson IT Certification**

Status. 366 TCP, UDP SMTP, Simple Mail Transfer Protocol. 701 TCP LMP, Link Management Protocol. Ports 0 to 1023 are Well-Known Ports. Ports 49152 to 65535 are Public Ports.

### **Well-Known TCP/IP Port Numbers - Meridian Outpost**

Objectives: Learn common port numbers and services, and which transport protocol they use.

Prerequisites: you have to know about TCP/IP protocols in general. Key terms: port numbers, network, common, protocol, services Network ports are provided by the TCP or UDP protocols at the Transport layer. They are used by protocols in the upper layers of the OSI model.

### **List of Common Network Port Numbers - Utilize Windows**

Port numbers range from 0 to 65535, but only port numbers 0 to 1023 are reserved for privileged services and designated as well-known ports. The following list of well-known port numbers specifies the port used by the server process as its contact port. Well-known ports range from 0 through 1023. Registered ports are 1024 to 49151.

### **List of Well-Known TCP Port Numbers - Webopedia Reference**

Network administrators may need to set up port forwarding to allow the port numbers of specific applications to pass through a firewall. On home networks, broadband routers support port forwarding on their configuration screens. The most common application of home port forwarding is for online games that use non-standard ports that the router's built-in firewall naturally blocks.

### **What Is a Network Port Number? - Lifewire**

Intelop Corporation Intelop Corporation Port Protocol 0 reserved. 1 TCPMUX, TCP Port Service Multiplexer. 2 Management Utility. 3 Compression Process. 4 5 Remote Job Entry. 6 7 Echo. 8 9 Discard. 10 11 SYSTAT. 12 13 Daytime. 14 15 [was netstat]. 16 17 Quote, Quote of the Day. 18 RWP, Remote Write Protocol.

### **Detailed List of Common Protocols & traditional IP Port ...**

The port numbers in the range from 0 to 1023 are the well-known ports or system ports. They are used by system processes that provide widely used types of network services. On Unix-like operating systems, a process must execute with superuser privileges to be able to bind a network socket to an IP address using one of the well-known ports.

### **List of TCP and UDP port numbers - Wikipedia**

Network firewalls additionally provide some control over the flow of traffic on each virtual port for security purposes. In IP networking, these virtual ports are numbered 0 through 65535. For more, see our article on what exactly a port number is .

### **Computer Ports and Their Role in Computer Networking**

Networking model. Both protocols use a header field for recording the source and destination port number. A port number is a 16-bit unsigned integer, thus ranging from 0 to 65535. For TCP, port number 0 is reserved and cannot be used, while for UDP, the source port is optional and a value of zero means no port.

### **Port (computer networking) - Wikipedia**

Service Name and Transport Protocol Port Number Registry. Port numbers are assigned in various ways, based on three ranges: System Ports (0-1023), User Ports (1024-49151), and the Dynamic

and/or Private Ports (49152-65535); the difference uses of these ranges is described in [ RFC6335 ]. According to Section 8.1.2 of [ RFC6335 ],...

### **Service Name and Transport Protocol Port Number Registry**

COMMON PORTS packetlife.net TCP/UDP Port Numbers 7 Echo 19 Chargen 20-21 FTP 22 SSH/SCP 23 Telnet 25 SMTP 42 WINS Replication 43 WHOIS 49 TACACS 53 DNS 67-68 DHCP/BOOTP 69 TFTP 70 Gopher 79 Finger 80 HTTP 88 Kerberos 102 MS Exchange 110 POP3 113 Ident 119 NNTP (Usenet) 123 NTP 135 Microsoft RPC 137-139 NetBIOS 143 IMAP4 161-162 SNMP 177 XDMCP 179 BGP 201 AppleTalk 264 BGMP 318 TSP 381-383 HP ...

### **COMMON PORTS packetlife.net TCP/UDP Port Numbers**

A specific network port is identified by its number commonly referred to as port number, the IP address in which the port is associated with and the type of transport protocol used for the communication. A port number is a 16-bit unsigned integer that ranges from 0 to 65535.

### **What is Network Port? - Definition from Techopedia**

Ports for Network+, Security+, and SSCP Exams. ... The SSCP exam objectives are very generic but do indicate port numbers are needed. ... You'll see a graphic showing a network with computers and servers separated by a firewall. The firewall is used to control traffic between the computers and users using rules within an access control list (ACL).

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