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**Port Authority Edition – Internet Vulnerability Profiling**  
by Steve Gibson,  Gibson Research Corporation.  
https://www.grc.com/image/darkbluepixel.gif

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| **Checking the Most Common and Troublesome Internet Ports**  This Internet Common Ports Probe attempts to establish standard TCP Internet connections with a collection of standard, well-known, and often vulnerable or troublesome Internet ports on **YOUR** computer. Since this is being done from **our** server, successful connections demonstrate which of your ports are "open" or visible and soliciting connections from passing Internet port scanners.  **Your computer at IP: https://www.grc.com/image/transpixel.gif**   |  |  | | --- | --- | | |  | | --- | | **75.10.31.5** | |   **https://www.grc.com/image/transpixel.gif Is being profiled. Please stand by. . .** |

https://www.grc.com/image/transpixel.gif  
https://www.grc.com/image/darkbluepixel.gif  
https://www.grc.com/image/transpixel.gif  
https://www.grc.com/image/transpixel.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gifhttps://www.grc.com/image/probeevent.gif  
https://www.grc.com/image/transpixel.gif  
https://www.grc.com/image/darkbluepixel.gif  
https://www.grc.com/image/transpixel.gif  
Total elapsed testing time: 5.090 seconds

https://www.grc.com/image/graypixel.gif  
https://www.grc.com/image/transpixel.gif

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| https://www.grc.com/image/passed.gif | https://www.grc.com/image/trustealthanalysis.gif | https://www.grc.com/image/passed.gif |
| https://www.grc.com/image/transpixel.gif https://www.grc.com/image/graypixel.gif https://www.grc.com/image/transpixel.gif | | |
| Your system has achieved a **perfect** "TruStealth" rating. **Not a single packet** — solicited or otherwise — was received from your system as a result of our security probing tests. Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests). From the standpoint of the passing probes of any hacker, this machine does not exist on the Internet. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system wisely remained silent in every way. Very nice. | | |

https://www.grc.com/image/transpixel.gif  
https://www.grc.com/image/graypixel.gif

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| https://www.grc.com/image/transpixel.gif Port | https://www.grc.com/image/transpixel.gif Service | https://www.grc.com/image/transpixel.gif Status | Security Implications |

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| https://www.grc.com/image/transpixel.gif [**0**](https://www.grc.com/port_0.htm) | https://www.grc.com/image/transpixel.gif <nil> | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**21**](https://www.grc.com/port_21.htm) | https://www.grc.com/image/transpixel.gif FTP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**22**](https://www.grc.com/port_22.htm) | https://www.grc.com/image/transpixel.gif SSH | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**23**](https://www.grc.com/port_23.htm) | https://www.grc.com/image/transpixel.gif Telnet | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**25**](https://www.grc.com/port_25.htm) | https://www.grc.com/image/transpixel.gif SMTP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**79**](https://www.grc.com/port_79.htm) | https://www.grc.com/image/transpixel.gif Finger | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**80**](https://www.grc.com/port_80.htm) | https://www.grc.com/image/transpixel.gif HTTP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**110**](https://www.grc.com/port_110.htm) | https://www.grc.com/image/transpixel.gif POP3 | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**113**](https://www.grc.com/port_113.htm) | https://www.grc.com/image/transpixel.gif IDENT | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**119**](https://www.grc.com/port_119.htm) | https://www.grc.com/image/transpixel.gif NNTP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**135**](https://www.grc.com/port_135.htm) | https://www.grc.com/image/transpixel.gif RPC | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**139**](https://www.grc.com/port_139.htm) | https://www.grc.com/image/transpixel.gif Net BIOS | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**143**](https://www.grc.com/port_143.htm) | https://www.grc.com/image/transpixel.gif IMAP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**389**](https://www.grc.com/port_389.htm) | https://www.grc.com/image/transpixel.gif LDAP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**443**](https://www.grc.com/port_443.htm) | https://www.grc.com/image/transpixel.gif HTTPS | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**445**](https://www.grc.com/port_445.htm) | https://www.grc.com/image/transpixel.gif MSFT DS | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1002**](https://www.grc.com/port_1002.htm) | https://www.grc.com/image/transpixel.gif ms-ils | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1024**](https://www.grc.com/port_1024.htm) | https://www.grc.com/image/transpixel.gif DCOM | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1025**](https://www.grc.com/port_1025.htm) | https://www.grc.com/image/transpixel.gif Host | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| --- | --- | --- | --- |
| https://www.grc.com/image/transpixel.gif [**1026**](https://www.grc.com/port_1026.htm) | https://www.grc.com/image/transpixel.gif Host | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1027**](https://www.grc.com/port_1027.htm) | https://www.grc.com/image/transpixel.gif Host | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1028**](https://www.grc.com/port_1028.htm) | https://www.grc.com/image/transpixel.gif Host | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1029**](https://www.grc.com/port_1029.htm) | https://www.grc.com/image/transpixel.gif Host | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1030**](https://www.grc.com/port_1030.htm) | https://www.grc.com/image/transpixel.gif Host | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**1720**](https://www.grc.com/port_1720.htm) | https://www.grc.com/image/transpixel.gif H.323 | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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| https://www.grc.com/image/transpixel.gif [**5000**](https://www.grc.com/port_5000.htm) | https://www.grc.com/image/transpixel.gif UPnP | https://www.grc.com/image/transpixel.gif Stealth | There is NO EVIDENCE WHATSOEVER that a port (or even any computer) exists at this IP address! |

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https://www.grc.com/image/transpixel.gif  


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| You may click on the Text Summary button to receive a condensed textual report of the Common Ports Probe findings displayed above.  You may also click on any port number link above to jump to detailed information about that port contained in our Port Authority database.  For help and information about the meaning and importance of "Open", "Closed" and "Stealth" port statuses, please see our [Internet Port Status Definitions](https://www.grc.com/su/portstatusinfo.htm) page.  You may press your browser's BACK button to return to the previous page, Re-run the Common Ports Probe test by "refreshing" this page, or select from among the other services available: |

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**Click her**e to check your router now...  


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* [[Research]](https://www.grc.com/x/ne.dll?rh1dkyd2)
* [[Other]](https://www.grc.com/pdp-8/pdp-8.htm)

  
**Port Authority Edition – Internet Vulnerability Profiling**  
by Steve Gibson,  Gibson Research Corporation.  
https://www.grc.com/image/darkbluepixel.gif

**Determine the status of your  
system's first 1056 ports**

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| This Internet service ports "grid scan" determines the status — https://www.grc.com/image/open.gif Open, https://www.grc.com/image/closed.gif Closed, or https://www.grc.com/image/stealth.gif Stealth — of your system's first 1056 TCP ports. | |
| https://www.grc.com/image/textbullet.gif | 32 ports, represented by each horizontal row, are probed as a group. The results are posted as the next set of ports are probed. |
| https://www.grc.com/image/textbullet.gif | During off-peak hours the entire scan requires just over one minute. |
| https://www.grc.com/image/textbullet.gif | For guaranteed accuracy, the scanning time will increase during peak usage when many people are sharing our scanning bandwidth. |
| https://www.grc.com/image/textbullet.gif | A scan of a stealthed system is up to four times slower since many more probes must be sent to guarantee against Internet packet loss. |
| https://www.grc.com/image/textbullet.gif | The test may be abandoned at any time if you do not wish to wait for the scan to finish. |
| https://www.grc.com/image/textbullet.gif | You may hover your mouse cursor over any grid cell to determine which port it represents, or click on the cell to jump to the corresponding Port Authority database page to learn about the port's specific role, history, and security consequences. (Depress SHIFT when clicking to open new window and allow unfinished test to continue.) |

**Your computer at IP:  
https://www.grc.com/image/transpixel.gif**

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Is being carefully examined:**

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| https://www.grc.com/image/transpixel.gif0 | [0 / <nil> / Reserved](https://www.grc.com/port_0.htm) | [1 / tcpmux / TCP Port Service Multiplexer](https://www.grc.com/port_1.htm) | [2 / compressnet / Management Utility](https://www.grc.com/port_2.htm) | [3 / compressnet / Compression Process](https://www.grc.com/port_3.htm) | [4](https://www.grc.com/port_4.htm) | [5 / rje / Remote Job Entry](https://www.grc.com/port_5.htm) | [6](https://www.grc.com/port_6.htm) | [7 / echo / Echo](https://www.grc.com/port_7.htm) | [8](https://www.grc.com/port_8.htm) | [9 / discard / Discard](https://www.grc.com/port_9.htm) | [10](https://www.grc.com/port_10.htm) | [11 / systat / Active Users](https://www.grc.com/port_11.htm) | [12](https://www.grc.com/port_12.htm) | [13 / daytime / Daytime](https://www.grc.com/port_13.htm) | [14](https://www.grc.com/port_14.htm) | [15](https://www.grc.com/port_15.htm) | [16](https://www.grc.com/port_16.htm) | [17 / qotd / Quote of the Day](https://www.grc.com/port_17.htm) | [18 / msp / Message Send Protocol](https://www.grc.com/port_18.htm) | [19 / chargen / Character Generator](https://www.grc.com/port_19.htm) | [20 / ftp-data / File Transfer Protocol / Default Data Channel](https://www.grc.com/port_20.htm) | [21 / ftp / File Transfer Protocol / Control Channel](https://www.grc.com/port_21.htm) | [22 / ssh / SSH Remote Login Protocol](https://www.grc.com/port_22.htm) | [23 / telnet / Telnet](https://www.grc.com/port_23.htm) | [24 / privmail / Private Mail System](https://www.grc.com/port_24.htm) | [25 / smtp / Simple Mail Transfer Protocol](https://www.grc.com/port_25.htm) | [26](https://www.grc.com/port_26.htm) | [27 / nsw-fe / NSW User System FE](https://www.grc.com/port_27.htm) | [28 / - / (Used by 'Amanda' Trojan)](https://www.grc.com/port_28.htm) | [29 / msg-icp / MSG ICP](https://www.grc.com/port_29.htm) | [30 / - / (Used by 'Agent 40421' Trojan)](https://www.grc.com/port_30.htm) | [31 / msg-auth / MSG Authentication](https://www.grc.com/port_31.htm) | 31 |

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| 32 | [32](https://www.grc.com/port_32.htm) | [33 / dsp / Display Support Protocol](https://www.grc.com/port_33.htm) | [34](https://www.grc.com/port_34.htm) | [35 / privprnt / Private Printer Server](https://www.grc.com/port_35.htm) | [36](https://www.grc.com/port_36.htm) | [37 / time / Time](https://www.grc.com/port_37.htm) | [38 / rap / Route Access Protocol](https://www.grc.com/port_38.htm) | [39 / rlp / Resource Location Protocol](https://www.grc.com/port_39.htm) | [40](https://www.grc.com/port_40.htm) | [41 / graphics / Graphics](https://www.grc.com/port_41.htm) | [42 / nameserver / Host Name Server](https://www.grc.com/port_42.htm) | [43 / nicname / Who Is](https://www.grc.com/port_43.htm) | [44 / mpm-flags / Message Processing Module / Flags](https://www.grc.com/port_44.htm) | [45 / mpm / Message Processing Module / Receive](https://www.grc.com/port_45.htm) | [46 / mpm-snd / Message Processing Module / Send](https://www.grc.com/port_46.htm) | [47 / ni-ftp / NI FTP](https://www.grc.com/port_47.htm) | [48 / auditd / Digital Audit Daemon](https://www.grc.com/port_48.htm) | [49 / tacacs / Login Host Protocol](https://www.grc.com/port_49.htm) | [50 / re-mail-ck / Remote Mail Checking Protocol](https://www.grc.com/port_50.htm) | [51 / la-maint / IMP Logical Address Maintenance](https://www.grc.com/port_51.htm) | [52 / xns-time / XNS Time Protocol](https://www.grc.com/port_52.htm) | [53 / domain / Domain Name Server](https://www.grc.com/port_53.htm) | [54 / xns-ch / XNS Clearinghouse](https://www.grc.com/port_54.htm) | [55 / isi-gl / ISI Graphics Language](https://www.grc.com/port_55.htm) | [56 / xns-auth / XNS Authentication](https://www.grc.com/port_56.htm) | [57 / privterm / Private Terminal Access](https://www.grc.com/port_57.htm) | [58 / xns-mail / XNS Mail](https://www.grc.com/port_58.htm) | [59 / privfs / Private File Service](https://www.grc.com/port_59.htm) | [60](https://www.grc.com/port_60.htm) | [61 / ni-mail / NI MAIL](https://www.grc.com/port_61.htm) | [62 / acas / ACA Services](https://www.grc.com/port_62.htm) | [63 / whois++ / whois++](https://www.grc.com/port_63.htm) | 63 |

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| 64 | [64 / covia / Communications Integrator (CI)](https://www.grc.com/port_64.htm) | [65 / tacacs-ds / TACACS-Database Service](https://www.grc.com/port_65.htm) | [66 / sql*net / Oracle SQL*NET](https://www.grc.com/port_66.htm) | [67 / bootps / Bootstrap Protocol Server](https://www.grc.com/port_67.htm) | [68 / bootpc / Bootstrap Protocol Client](https://www.grc.com/port_68.htm) | [69 / tftp / Trivial File Transfer](https://www.grc.com/port_69.htm) | [70 / gopher / Gopher](https://www.grc.com/port_70.htm) | [71 / netrjs-1 / Remote Job Service](https://www.grc.com/port_71.htm) | [72 / netrjs-2 / Remote Job Service](https://www.grc.com/port_72.htm) | [73 / netrjs-3 / Remote Job Service](https://www.grc.com/port_73.htm) | [74 / netrjs-4 / Remote Job Service](https://www.grc.com/port_74.htm) | [75 / privdial / Private Dial Out Service](https://www.grc.com/port_75.htm) | [76 / deos / Distributed External Object Store](https://www.grc.com/port_76.htm) | [77 / privRJE / Private RJE Service](https://www.grc.com/port_77.htm) | [78 / vettcp / vettcp](https://www.grc.com/port_78.htm) | [79 / finger / Finger](https://www.grc.com/port_79.htm) | [80 / http / World Wide Web HTTP Protocol](https://www.grc.com/port_80.htm) | [81 / hosts2-ns / HOSTS2 Name Server](https://www.grc.com/port_81.htm) | [82 / xfer / XFER Utility](https://www.grc.com/port_82.htm) | [83 / mit-ml-dev / MIT ML Device](https://www.grc.com/port_83.htm) | [84 / ctf / Common Trace Facility](https://www.grc.com/port_84.htm) | [85 / mit-ml-dev / MIT ML Device](https://www.grc.com/port_85.htm) | [86 / mfcobol / Micro Focus Cobol](https://www.grc.com/port_86.htm) | [87 / privlnk / Private Terminal Link](https://www.grc.com/port_87.htm) | [88 / kerberos / Kerberos](https://www.grc.com/port_88.htm) | [89 / su-mit-tg / SU/MIT Telnet Gateway](https://www.grc.com/port_89.htm) | [90 / dnsix / DNSIX Securit Attribute Token Map](https://www.grc.com/port_90.htm) | [91 / mit-dov / MIT Dover Spooler](https://www.grc.com/port_91.htm) | [92 / npp / Network Printing Protocol](https://www.grc.com/port_92.htm) | [93 / dcp / Device Control Protocol](https://www.grc.com/port_93.htm) | [94 / objcall / Tivoli Object Dispatcher](https://www.grc.com/port_94.htm) | [95 / supdup / SUPDUP](https://www.grc.com/port_95.htm) | 95 |

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| 96 | [96 / dixie / DIXIE Protocol Specification](https://www.grc.com/port_96.htm) | [97 / swift-rvf / Swift Remote Virtural File Protocol](https://www.grc.com/port_97.htm) | [98 / tacnews / TAC News](https://www.grc.com/port_98.htm) | [99 / metagram / Metagram Relay](https://www.grc.com/port_99.htm) | [100](https://www.grc.com/port_100.htm) | [101 / hostname / NIC Host Name Server](https://www.grc.com/port_101.htm) | [102 / iso-tsap / ISO-TSAP Class 0](https://www.grc.com/port_102.htm) | [103 / gppitnp / Genesis Point-to-Point Trans Net](https://www.grc.com/port_103.htm) | [104 / acr-nema / ACR-NEMA Digital Imag. & Comm. 300](https://www.grc.com/port_104.htm) | [105 / csnet-ns / Mailbox Name Nameserver](https://www.grc.com/port_105.htm) | [106 / 3com-tsmux / 3COM-TSMUX](https://www.grc.com/port_106.htm) | [107 / rtelnet / Remote Telnet Service](https://www.grc.com/port_107.htm) | [108 / snagas / SNA Gateway Access Server](https://www.grc.com/port_108.htm) | [109 / pop2 / Post Office Protocol - Version 2](https://www.grc.com/port_109.htm) | [110 / pop3 / Post Office Protocol - Version 3](https://www.grc.com/port_110.htm) | [111 / sunrpc / SUN Remote Procedure Call](https://www.grc.com/port_111.htm) | [112 / mcidas / McIDAS Data Transmission Protocol](https://www.grc.com/port_112.htm) | [113 / ident / Authentication Service](https://www.grc.com/port_113.htm) | [114 / audionews / Audio News Multicast](https://www.grc.com/port_114.htm) | [115 / sftp / Simple File Transfer Protocol](https://www.grc.com/port_115.htm) | [116 / ansanotify / ANSA REX Notify](https://www.grc.com/port_116.htm) | [117 / uucp-path / UUCP Path Service](https://www.grc.com/port_117.htm) | [118 / sqlserv / SQL Services](https://www.grc.com/port_118.htm) | [119 / nntp / Network News Transfer Protocol](https://www.grc.com/port_119.htm) | [120 / cfdptkt / CFDPTKT](https://www.grc.com/port_120.htm) | [121 / erpc / Encore Expedited Remote Pro.Call](https://www.grc.com/port_121.htm) | [122 / smakynet / SMAKYNET](https://www.grc.com/port_122.htm) | [123 / ntp / Network Time Protocol](https://www.grc.com/port_123.htm) | [124 / ansatrader / ANSA REX Trader](https://www.grc.com/port_124.htm) | [125 / locus-map / Locus PC-Interface Net Map Ser](https://www.grc.com/port_125.htm) | [126 / nxedit / NXEdit](https://www.grc.com/port_126.htm) | [127 / locus-con / Locus PC-Interface Conn Server](https://www.grc.com/port_127.htm) | 127 |

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| 128 | [128 / gss-xlicen / GSS X License Verification](https://www.grc.com/port_128.htm) | [129 / pwdgen / Password Generator Protocol](https://www.grc.com/port_129.htm) | [130 / cisco-fna / cisco FNATIVE](https://www.grc.com/port_130.htm) | [131 / cisco-tna / cisco TNATIVE](https://www.grc.com/port_131.htm) | [132 / cisco-sys / cisco SYSMAINT](https://www.grc.com/port_132.htm) | [133 / statsrv / Statistics Service](https://www.grc.com/port_133.htm) | [134 / ingres-net / INGRES-NET Service](https://www.grc.com/port_134.htm) | [135 / epmap / DCE endpoint resolution](https://www.grc.com/port_135.htm) | [136 / profile / PROFILE Naming System](https://www.grc.com/port_136.htm) | [137 / netbios-ns / NetBIOS Name Service](https://www.grc.com/port_137.htm) | [138 / netbios-dgm / NetBIOS Datagram Service](https://www.grc.com/port_138.htm) | [139 / netbios-ssn / NetBIOS Session Service](https://www.grc.com/port_139.htm) | [140 / emfis-data / EMFIS Data Service](https://www.grc.com/port_140.htm) | [141 / emfis-cntl / EMFIS Control Service](https://www.grc.com/port_141.htm) | [142 / bl-idm / Britton-Lee IDM](https://www.grc.com/port_142.htm) | [143 / imap / Internet Message Access Protocol](https://www.grc.com/port_143.htm) | [144 / uma / Universal Management Architecture](https://www.grc.com/port_144.htm) | [145 / uaac / UAAC Protocol](https://www.grc.com/port_145.htm) | [146 / iso-tp0 / ISO-IP0](https://www.grc.com/port_146.htm) | [147 / iso-ip / ISO-IP](https://www.grc.com/port_147.htm) | [148 / jargon / Jargon](https://www.grc.com/port_148.htm) | [149 / aed-512 / AED 512 Emulation Service](https://www.grc.com/port_149.htm) | [150 / sql-net / SQL-NET](https://www.grc.com/port_150.htm) | [151 / hems / HEMS](https://www.grc.com/port_151.htm) | [152 / bftp / Background File Transfer Protocol](https://www.grc.com/port_152.htm) | [153 / sgmp / SGMP](https://www.grc.com/port_153.htm) | [154 / netsc-prod / NETSC](https://www.grc.com/port_154.htm) | [155 / netsc-dev / NETSC](https://www.grc.com/port_155.htm) | [156 / sqlsrv / SQL Service](https://www.grc.com/port_156.htm) | [157 / knet-cmp / KNET/VM Command/Message Protocol](https://www.grc.com/port_157.htm) | [158 / pcmail-srv / PCMail Server](https://www.grc.com/port_158.htm) | [159 / nss-routing / NSS-Routing](https://www.grc.com/port_159.htm) | 159 |

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| 160 | [160 / sgmp-traps / SGMP-TRAPS](https://www.grc.com/port_160.htm) | [161 / snmp / SNMP](https://www.grc.com/port_161.htm) | [162 / snmptrap / SNMPTRAP](https://www.grc.com/port_162.htm) | [163 / cmip-man / CMIP Manager](https://www.grc.com/port_163.htm) | [164 / cmip-agent / CMIP Agent](https://www.grc.com/port_164.htm) | [165 / xns-courier / Xerox](https://www.grc.com/port_165.htm) | [166 / s-net / Sirius Systems](https://www.grc.com/port_166.htm) | [167 / namp / NAMP](https://www.grc.com/port_167.htm) | [168 / rsvd / RSVD](https://www.grc.com/port_168.htm) | [169 / send / SEND](https://www.grc.com/port_169.htm) | [170 / print-srv / Network PostScript](https://www.grc.com/port_170.htm) | [171 / multiplex / Network Innovations Multiplex](https://www.grc.com/port_171.htm) | [172 / cl/1 / Network Innovations CL/1](https://www.grc.com/port_172.htm) | [173 / xyplex-mux / Xyplex](https://www.grc.com/port_173.htm) | [174 / mailq / MAILQ](https://www.grc.com/port_174.htm) | [175 / vmnet / VMNET](https://www.grc.com/port_175.htm) | [176 / genrad-mux / GENRAD-MUX](https://www.grc.com/port_176.htm) | [177 / xdmcp / X Display Manager Control Protocol](https://www.grc.com/port_177.htm) | [178 / nextstep / NextStep Window Server](https://www.grc.com/port_178.htm) | [179 / bgp / Border Gateway Protocol](https://www.grc.com/port_179.htm) | [180 / ris / Intergraph](https://www.grc.com/port_180.htm) | [181 / unify / Unify](https://www.grc.com/port_181.htm) | [182 / audit / Unisys Audit SITP](https://www.grc.com/port_182.htm) | [183 / ocbinder / OCBinder](https://www.grc.com/port_183.htm) | [184 / ocserver / OCServer](https://www.grc.com/port_184.htm) | [185 / remote-kis / Remote-KIS](https://www.grc.com/port_185.htm) | [186 / kis / KIS Protocol](https://www.grc.com/port_186.htm) | [187 / aci / Application Communication Interface](https://www.grc.com/port_187.htm) | [188 / mumps / Plus Five's MUMPS](https://www.grc.com/port_188.htm) | [189 / qft / Queued File Transport](https://www.grc.com/port_189.htm) | [190 / gacp / Gateway Access Control Protocol](https://www.grc.com/port_190.htm) | [191 / prospero / Prospero Directory Service](https://www.grc.com/port_191.htm) | 191 |

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| 192 | [192 / osu-nms / OSU Network Monitoring System](https://www.grc.com/port_192.htm) | [193 / srmp / Spider Remote Monitoring Protocol](https://www.grc.com/port_193.htm) | [194 / irc / Internet Relay Chat Protocol](https://www.grc.com/port_194.htm) | [195 / dn6-nlm-aud / DNSIX Network Level Module Audit](https://www.grc.com/port_195.htm) | [196 / dn6-smm-red / DNSIX Session Mgt Module Audit Redir](https://www.grc.com/port_196.htm) | [197 / dls / Directory Location Service](https://www.grc.com/port_197.htm) | [198 / dls-mon / Directory Location Service Monitor](https://www.grc.com/port_198.htm) | [199 / smux / SMUX](https://www.grc.com/port_199.htm) | [200 / src / IBM System Resource Controller](https://www.grc.com/port_200.htm) | [201 / at-rtmp / AppleTalk Routing Maintenance](https://www.grc.com/port_201.htm) | [202 / at-nbp / AppleTalk Name Binding](https://www.grc.com/port_202.htm) | [203 / at-3 / AppleTalk Unused](https://www.grc.com/port_203.htm) | [204 / at-echo / AppleTalk Echo](https://www.grc.com/port_204.htm) | [205 / at-5 / AppleTalk Unused](https://www.grc.com/port_205.htm) | [206 / at-zis / AppleTalk Zone Information](https://www.grc.com/port_206.htm) | [207 / at-7 / AppleTalk Unused](https://www.grc.com/port_207.htm) | [208 / at-8 / AppleTalk Unused](https://www.grc.com/port_208.htm) | [209 / qmtp / The Quick Mail Transfer Protocol](https://www.grc.com/port_209.htm) | [210 / z39.50 / ANSI Z39.50](https://www.grc.com/port_210.htm) | [211 / 914c/g / Texas Instruments 914C/G Terminal](https://www.grc.com/port_211.htm) | [212 / anet / ATEXSSTR](https://www.grc.com/port_212.htm) | [213 / ipx / IPX](https://www.grc.com/port_213.htm) | [214 / vmpwscs / VM PWSCS](https://www.grc.com/port_214.htm) | [215 / softpc / Insignia Solutions](https://www.grc.com/port_215.htm) | [216 / CAIlic / Computer Associates Int'l License Server](https://www.grc.com/port_216.htm) | [217 / dbase / dBASE Unix](https://www.grc.com/port_217.htm) | [218 / mpp / Netix Message Posting Protocol](https://www.grc.com/port_218.htm) | [219 / uarps / Unisys ARPs](https://www.grc.com/port_219.htm) | [220 / imap3 / Interactive Mail Access Protocol v3](https://www.grc.com/port_220.htm) | [221 / fln-spx / Berkeley rlogind with SPX auth](https://www.grc.com/port_221.htm) | [222 / rsh-spx / Berkeley rshd with SPX auth](https://www.grc.com/port_222.htm) | [223 / cdc / Certificate Distribution Center](https://www.grc.com/port_223.htm) | 223 |

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| 224 | [224 / masqdialer / masqdialer](https://www.grc.com/port_224.htm) | [225](https://www.grc.com/port_225.htm) | [226](https://www.grc.com/port_226.htm) | [227](https://www.grc.com/port_227.htm) | [228](https://www.grc.com/port_228.htm) | [229](https://www.grc.com/port_229.htm) | [230](https://www.grc.com/port_230.htm) | [231](https://www.grc.com/port_231.htm) | [232](https://www.grc.com/port_232.htm) | [233](https://www.grc.com/port_233.htm) | [234](https://www.grc.com/port_234.htm) | [235](https://www.grc.com/port_235.htm) | [236](https://www.grc.com/port_236.htm) | [237](https://www.grc.com/port_237.htm) | [238](https://www.grc.com/port_238.htm) | [239](https://www.grc.com/port_239.htm) | [240](https://www.grc.com/port_240.htm) | [241](https://www.grc.com/port_241.htm) | [242 / direct / Direct](https://www.grc.com/port_242.htm) | [243 / sur-meas / Survey Measurement](https://www.grc.com/port_243.htm) | [244 / inbusiness / inbusiness](https://www.grc.com/port_244.htm) | [245 / link / LINK](https://www.grc.com/port_245.htm) | [246 / dsp3270 / Display Systems Protocol](https://www.grc.com/port_246.htm) | [247 / subntbcst_tftp / SUBNTBCST_TFTP](https://www.grc.com/port_247.htm) | [248 / bhfhs / bhfhs](https://www.grc.com/port_248.htm) | [249](https://www.grc.com/port_249.htm) | [250](https://www.grc.com/port_250.htm) | [251](https://www.grc.com/port_251.htm) | [252](https://www.grc.com/port_252.htm) | [253](https://www.grc.com/port_253.htm) | [254](https://www.grc.com/port_254.htm) | [255](https://www.grc.com/port_255.htm) | 255 |

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| 256 | [256 / rap / RAP](https://www.grc.com/port_256.htm) | [257 / set / Secure Electronic Transaction](https://www.grc.com/port_257.htm) | [258 / yak-chat / Yak Winsock Personal Chat](https://www.grc.com/port_258.htm) | [259 / esro-gen / Efficient Short Remote Operations](https://www.grc.com/port_259.htm) | [260 / openport / Openport](https://www.grc.com/port_260.htm) | [261 / nsiiops / IIOP Name Service over SSL](https://www.grc.com/port_261.htm) | [262 / arcisdms / Arcisdms](https://www.grc.com/port_262.htm) | [263 / hdap / HDAP](https://www.grc.com/port_263.htm) | [264 / bgmp / BGMP](https://www.grc.com/port_264.htm) | [265 / x-bone-ctl / X-Bone CTL](https://www.grc.com/port_265.htm) | [266 / sst / SCSI on ST](https://www.grc.com/port_266.htm) | [267 / td-service / Tobit David Service Layer](https://www.grc.com/port_267.htm) | [268 / td-replica / Tobit David Replica](https://www.grc.com/port_268.htm) | [269](https://www.grc.com/port_269.htm) | [270](https://www.grc.com/port_270.htm) | [271](https://www.grc.com/port_271.htm) | [272](https://www.grc.com/port_272.htm) | [273](https://www.grc.com/port_273.htm) | [274](https://www.grc.com/port_274.htm) | [275](https://www.grc.com/port_275.htm) | [276](https://www.grc.com/port_276.htm) | [277](https://www.grc.com/port_277.htm) | [278](https://www.grc.com/port_278.htm) | [279](https://www.grc.com/port_279.htm) | [280 / http-mgmt / http-mgmt](https://www.grc.com/port_280.htm) | [281 / personal-link / Personal Link](https://www.grc.com/port_281.htm) | [282 / cableport-ax / Cable Port A/X](https://www.grc.com/port_282.htm) | [283 / rescap / rescap](https://www.grc.com/port_283.htm) | [284 / corerjd / corerjd](https://www.grc.com/port_284.htm) | [285 / - / (Used by 'WCTrojan' Trojan)](https://www.grc.com/port_285.htm) | [286 / fxp-1 / FXP-1](https://www.grc.com/port_286.htm) | [287 / k-block / K-BLOCK](https://www.grc.com/port_287.htm) | 287 |

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| 288 | [288](https://www.grc.com/port_288.htm) | [289](https://www.grc.com/port_289.htm) | [290](https://www.grc.com/port_290.htm) | [291](https://www.grc.com/port_291.htm) | [292](https://www.grc.com/port_292.htm) | [293](https://www.grc.com/port_293.htm) | [294](https://www.grc.com/port_294.htm) | [295](https://www.grc.com/port_295.htm) | [296](https://www.grc.com/port_296.htm) | [297](https://www.grc.com/port_297.htm) | [298](https://www.grc.com/port_298.htm) | [299](https://www.grc.com/port_299.htm) | [300](https://www.grc.com/port_300.htm) | [301](https://www.grc.com/port_301.htm) | [302](https://www.grc.com/port_302.htm) | [303](https://www.grc.com/port_303.htm) | [304](https://www.grc.com/port_304.htm) | [305](https://www.grc.com/port_305.htm) | [306](https://www.grc.com/port_306.htm) | [307](https://www.grc.com/port_307.htm) | [308 / novastorbakcup / Novastor Backup](https://www.grc.com/port_308.htm) | [309 / entrusttime / EntrustTime](https://www.grc.com/port_309.htm) | [310 / bhmds / bhmds](https://www.grc.com/port_310.htm) | [311 / asip-webadmin / AppleShare IP WebAdmin](https://www.grc.com/port_311.htm) | [312 / vslmp / VSLMP](https://www.grc.com/port_312.htm) | [313 / magenta-logic / Magenta Logic](https://www.grc.com/port_313.htm) | [314 / opalis-robot / Opalis Robot](https://www.grc.com/port_314.htm) | [315 / dpsi / DPSI](https://www.grc.com/port_315.htm) | [316 / decauth / decAuth](https://www.grc.com/port_316.htm) | [317 / zannet / Zannet](https://www.grc.com/port_317.htm) | [318 / pkix-timestamp / PKIX TimeStamp](https://www.grc.com/port_318.htm) | [319 / ptp-event / PTP Event](https://www.grc.com/port_319.htm) | 319 |

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| 320 | [320 / ptp-general / PTP General](https://www.grc.com/port_320.htm) | [321 / pip / PIP](https://www.grc.com/port_321.htm) | [322 / rtsps / RTSPS](https://www.grc.com/port_322.htm) | [323](https://www.grc.com/port_323.htm) | [324](https://www.grc.com/port_324.htm) | [325](https://www.grc.com/port_325.htm) | [326](https://www.grc.com/port_326.htm) | [327](https://www.grc.com/port_327.htm) | [328](https://www.grc.com/port_328.htm) | [329](https://www.grc.com/port_329.htm) | [330](https://www.grc.com/port_330.htm) | [331](https://www.grc.com/port_331.htm) | [332](https://www.grc.com/port_332.htm) | [333 / texar / Texar Security Port](https://www.grc.com/port_333.htm) | [334 / - / (Used by 'Backage' Trojan)](https://www.grc.com/port_334.htm) | [335](https://www.grc.com/port_335.htm) | [336](https://www.grc.com/port_336.htm) | [337](https://www.grc.com/port_337.htm) | [338](https://www.grc.com/port_338.htm) | [339](https://www.grc.com/port_339.htm) | [340](https://www.grc.com/port_340.htm) | [341](https://www.grc.com/port_341.htm) | [342](https://www.grc.com/port_342.htm) | [343](https://www.grc.com/port_343.htm) | [344 / pdap / Prospero Data Access Protocol](https://www.grc.com/port_344.htm) | [345 / pawserv / Perf Analysis Workbench](https://www.grc.com/port_345.htm) | [346 / zserv / Zebra server](https://www.grc.com/port_346.htm) | [347 / fatserv / Fatmen Server](https://www.grc.com/port_347.htm) | [348 / csi-sgwp / Cabletron Management Protocol](https://www.grc.com/port_348.htm) | [349 / mftp / mftp](https://www.grc.com/port_349.htm) | [350 / matip-type-a / MATIP Type A](https://www.grc.com/port_350.htm) | [351 / matip-type-b / MATIP Type B](https://www.grc.com/port_351.htm) | 351 |

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| 352 | [352 / dtag-ste-sb / DTAG](https://www.grc.com/port_352.htm) | [353 / ndsauth / NDSAUTH](https://www.grc.com/port_353.htm) | [354 / bh611 / bh611](https://www.grc.com/port_354.htm) | [355 / datex-asn / DATEX-ASN](https://www.grc.com/port_355.htm) | [356 / cloanto-net-1 / Cloanto Net 1](https://www.grc.com/port_356.htm) | [357 / bhevent / bhevent](https://www.grc.com/port_357.htm) | [358 / shrinkwrap / Shrinkwrap](https://www.grc.com/port_358.htm) | [359 / nsrmp / Network Security Risk Management Protocol](https://www.grc.com/port_359.htm) | [360 / scoi2odialog / scoi2odialog](https://www.grc.com/port_360.htm) | [361 / semantix / Semantix](https://www.grc.com/port_361.htm) | [362 / srssend / SRS Send](https://www.grc.com/port_362.htm) | [363 / rsvp_tunnel / RSVP Tunnel](https://www.grc.com/port_363.htm) | [364 / aurora-cmgr / Aurora CMGR](https://www.grc.com/port_364.htm) | [365 / dtk / DTK](https://www.grc.com/port_365.htm) | [366 / odmr / ODMR](https://www.grc.com/port_366.htm) | [367 / mortgageware / MortgageWare](https://www.grc.com/port_367.htm) | [368 / qbikgdp / QbikGDP](https://www.grc.com/port_368.htm) | [369 / rpc2portmap / rpc2portmap](https://www.grc.com/port_369.htm) | [370 / codaauth2 / codaauth2](https://www.grc.com/port_370.htm) | [371 / clearcase / Clearcase](https://www.grc.com/port_371.htm) | [372 / ulistproc / ListProcessor](https://www.grc.com/port_372.htm) | [373 / legent-1 / Legent Corporation](https://www.grc.com/port_373.htm) | [374 / legent-2 / Legent Corporation](https://www.grc.com/port_374.htm) | [375 / hassle / Hassle](https://www.grc.com/port_375.htm) | [376 / nip / Amiga Envoy Network Inquiry Proto](https://www.grc.com/port_376.htm) | [377 / tnETOS / NEC Corporation](https://www.grc.com/port_377.htm) | [378 / dsETOS / NEC Corporation](https://www.grc.com/port_378.htm) | [379 / is99c / TIA/EIA/IS-99 modem client](https://www.grc.com/port_379.htm) | [380 / is99s / TIA/EIA/IS-99 modem server](https://www.grc.com/port_380.htm) | [381 / hp-collector / hp performance data collector](https://www.grc.com/port_381.htm) | [382 / hp-managed-node / hp performance data managed node](https://www.grc.com/port_382.htm) | [383 / hp-alarm-mgr / hp performance data alarm manager](https://www.grc.com/port_383.htm) | 383 |

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| 384 | [384 / arns / A Remote Network Server System](https://www.grc.com/port_384.htm) | [385 / ibm-app / IBM Application](https://www.grc.com/port_385.htm) | [386 / asa / ASA Message Router Object Def.](https://www.grc.com/port_386.htm) | [387 / aurp / Appletalk Update-Based Routing Pro.](https://www.grc.com/port_387.htm) | [388 / unidata-ldm / Unidata LDM](https://www.grc.com/port_388.htm) | [389 / ldap / Lightweight Directory Access Protocol](https://www.grc.com/port_389.htm) | [390 / uis / UIS](https://www.grc.com/port_390.htm) | [391 / synotics-relay / SynOptics SNMP Relay Port](https://www.grc.com/port_391.htm) | [392 / synotics-broker / SynOptics Port Broker Port](https://www.grc.com/port_392.htm) | [393 / meta5 / Meta5](https://www.grc.com/port_393.htm) | [394 / embl-ndt / EMBL Nucleic Data Transfer](https://www.grc.com/port_394.htm) | [395 / netcp / NETscout Control Protocol](https://www.grc.com/port_395.htm) | [396 / netware-ip / Novell Netware over IP](https://www.grc.com/port_396.htm) | [397 / mptn / Multi Protocol Trans. Net.](https://www.grc.com/port_397.htm) | [398 / kryptolan / Kryptolan](https://www.grc.com/port_398.htm) | [399 / iso-tsap-c2 / ISO Transport Class 2 Non-Control over TCP](https://www.grc.com/port_399.htm) | [400 / work-sol / Workstation Solutions](https://www.grc.com/port_400.htm) | [401 / ups / Uninterruptible Power Supply](https://www.grc.com/port_401.htm) | [402 / genie / Genie Protocol](https://www.grc.com/port_402.htm) | [403 / decap / decap](https://www.grc.com/port_403.htm) | [404 / nced / nced](https://www.grc.com/port_404.htm) | [405 / ncld / ncld](https://www.grc.com/port_405.htm) | [406 / imsp / Interactive Mail Support Protocol](https://www.grc.com/port_406.htm) | [407 / timbuktu / Timbuktu](https://www.grc.com/port_407.htm) | [408 / prm-sm / Prospero Resource Manager Sys. Man.](https://www.grc.com/port_408.htm) | [409 / prm-nm / Prospero Resource Manager Node Man.](https://www.grc.com/port_409.htm) | [410 / decladebug / DECLadebug Remote Debug Protocol](https://www.grc.com/port_410.htm) | [411 / rmt / Remote MT Protocol](https://www.grc.com/port_411.htm) | [412 / synoptics-trap / Trap Convention Port](https://www.grc.com/port_412.htm) | [413 / smsp / Storage Management Services Protocol](https://www.grc.com/port_413.htm) | [414 / infoseek / InfoSeek](https://www.grc.com/port_414.htm) | [415 / bnet / BNet](https://www.grc.com/port_415.htm) | 415 |

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| 416 | [416 / silverplatter / Silverplatter](https://www.grc.com/port_416.htm) | [417 / onmux / Onmux](https://www.grc.com/port_417.htm) | [418 / hyper-g / Hyper-G](https://www.grc.com/port_418.htm) | [419 / ariel1 / Ariel 1](https://www.grc.com/port_419.htm) | [420 / smpte / SMPTE](https://www.grc.com/port_420.htm) | [421 / ariel2 / Ariel 2](https://www.grc.com/port_421.htm) | [422 / ariel3 / Ariel 3](https://www.grc.com/port_422.htm) | [423 / opc-job-start / IBM Operations Planning and Control Start](https://www.grc.com/port_423.htm) | [424 / opc-job-track / IBM Operations Planning and Control Track](https://www.grc.com/port_424.htm) | [425 / icad-el / ICAD](https://www.grc.com/port_425.htm) | [426 / smartsdp / smartsdp](https://www.grc.com/port_426.htm) | [427 / svrloc / Server Location](https://www.grc.com/port_427.htm) | [428 / ocs_cmu / OCS_CMU](https://www.grc.com/port_428.htm) | [429 / ocs_amu / OCS_AMU](https://www.grc.com/port_429.htm) | [430 / utmpsd / UTMPSD](https://www.grc.com/port_430.htm) | [431 / utmpcd / UTMPCD](https://www.grc.com/port_431.htm) | [432 / iasd / IASD](https://www.grc.com/port_432.htm) | [433 / nnsp / NNSP](https://www.grc.com/port_433.htm) | [434 / mobileip-agent / MobileIP-Agent](https://www.grc.com/port_434.htm) | [435 / mobilip-mn / MobilIP-MN](https://www.grc.com/port_435.htm) | [436 / dna-cml / DNA-CML](https://www.grc.com/port_436.htm) | [437 / comscm / comscm](https://www.grc.com/port_437.htm) | [438 / dsfgw / dsfgw](https://www.grc.com/port_438.htm) | [439 / dasp / dasp      Thomas Obermair](https://www.grc.com/port_439.htm) | [440 / sgcp / sgcp](https://www.grc.com/port_440.htm) | [441 / decvms-sysmgt / decvms-sysmgt](https://www.grc.com/port_441.htm) | [442 / cvc_hostd / cvc_hostd](https://www.grc.com/port_442.htm) | [443 / https / secure http protocol (SSL)](https://www.grc.com/port_443.htm) | [444 / snpp / Simple Network Paging Protocol](https://www.grc.com/port_444.htm) | [445 / microsoft-ds / Microsoft Directory Service](https://www.grc.com/port_445.htm) | [446 / ddm-rdb / DDM-RDB](https://www.grc.com/port_446.htm) | [447 / ddm-dfm / DDM-RFM](https://www.grc.com/port_447.htm) | 447 |

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| 448 | [448 / ddm-ssl / DDM-SSL](https://www.grc.com/port_448.htm) | [449 / as-servermap / AS Server Mapper](https://www.grc.com/port_449.htm) | [450 / tserver / Computer Supported Telecomunication Applications](https://www.grc.com/port_450.htm) | [451 / sfs-smp-net / Cray Network Semaphore server](https://www.grc.com/port_451.htm) | [452 / sfs-config / Cray SFS config server](https://www.grc.com/port_452.htm) | [453 / creativeserver / CreativeServer](https://www.grc.com/port_453.htm) | [454 / contentserver / ContentServer](https://www.grc.com/port_454.htm) | [455 / creativepartnr / CreativePartnr](https://www.grc.com/port_455.htm) | [456 / macon-tcp / macon-tcp](https://www.grc.com/port_456.htm) | [457 / scohelp / scohelp](https://www.grc.com/port_457.htm) | [458 / appleqtc / apple quick time](https://www.grc.com/port_458.htm) | [459 / ampr-rcmd / ampr-rcmd](https://www.grc.com/port_459.htm) | [460 / skronk / skronk](https://www.grc.com/port_460.htm) | [461 / datasurfsrv / DataRampSrv](https://www.grc.com/port_461.htm) | [462 / datasurfsrvsec / DataRampSrvSec](https://www.grc.com/port_462.htm) | [463 / alpes / alpes](https://www.grc.com/port_463.htm) | [464 / kpasswd / kpasswd](https://www.grc.com/port_464.htm) | [465 / urd / URL Rendesvous Directory for SSM](https://www.grc.com/port_465.htm) | [466 / digital-vrc / digital-vrc](https://www.grc.com/port_466.htm) | [467 / mylex-mapd / mylex-mapd](https://www.grc.com/port_467.htm) | [468 / photuris / proturis](https://www.grc.com/port_468.htm) | [469 / rcp / Radio Control Protocol](https://www.grc.com/port_469.htm) | [470 / scx-proxy / scx-proxy](https://www.grc.com/port_470.htm) | [471 / mondex / Mondex](https://www.grc.com/port_471.htm) | [472 / ljk-login / ljk-login](https://www.grc.com/port_472.htm) | [473 / hybrid-pop / hybrid-pop](https://www.grc.com/port_473.htm) | [474 / tn-tl-w1 / tn-tl-w1](https://www.grc.com/port_474.htm) | [475 / tcpnethaspsrv / tcpnethaspsrv](https://www.grc.com/port_475.htm) | [476 / tn-tl-fd1 / tn-tl-fd1](https://www.grc.com/port_476.htm) | [477 / ss7ns / ss7ns](https://www.grc.com/port_477.htm) | [478 / spsc / spsc](https://www.grc.com/port_478.htm) | [479 / iafserver / iafserver](https://www.grc.com/port_479.htm) | 479 |

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| 512 | [512 / exec / remote process execution](https://www.grc.com/port_512.htm) | [513 / login / remote login a la telnet](https://www.grc.com/port_513.htm) | [514 / syslog / syslog](https://www.grc.com/port_514.htm) | [515 / printer / spooler](https://www.grc.com/port_515.htm) | [516 / videotex / videotex](https://www.grc.com/port_516.htm) | [517 / talk / like tenex link](https://www.grc.com/port_517.htm) | [518](https://www.grc.com/port_518.htm) | [519 / utime / unixtime](https://www.grc.com/port_519.htm) | [520 / efs / extended file name server](https://www.grc.com/port_520.htm) | [521 / ripng / ripng](https://www.grc.com/port_521.htm) | [522 / ulp / ULP](https://www.grc.com/port_522.htm) | [523 / ibm-db2 / IBM-DB2](https://www.grc.com/port_523.htm) | [524 / ncp / NCP](https://www.grc.com/port_524.htm) | [525 / timed / timeserver](https://www.grc.com/port_525.htm) | [526 / tempo / newdate](https://www.grc.com/port_526.htm) | [527 / stx / Stock IXChange](https://www.grc.com/port_527.htm) | [528 / custix / Customer IXChange](https://www.grc.com/port_528.htm) | [529 / irc-serv / IRC-SERV](https://www.grc.com/port_529.htm) | [530 / courier / rpc](https://www.grc.com/port_530.htm) | [531 / conference / chat](https://www.grc.com/port_531.htm) | [532 / netnews / readnews](https://www.grc.com/port_532.htm) | [533 / netwall / for emergency broadcasts](https://www.grc.com/port_533.htm) | [534 / mm-admin / MegaMedia Admin](https://www.grc.com/port_534.htm) | [535 / iiop / iiop](https://www.grc.com/port_535.htm) | [536 / opalis-rdv / opalis-rdv](https://www.grc.com/port_536.htm) | [537 / nmsp / Networked Media Streaming Protocol](https://www.grc.com/port_537.htm) | [538 / gdomap / gdomap](https://www.grc.com/port_538.htm) | [539 / apertus-ldp / Apertus Technologies Load Determination](https://www.grc.com/port_539.htm) | [540 / uucp / uucpd](https://www.grc.com/port_540.htm) | [541 / uucp-rlogin / uucp-rlogin](https://www.grc.com/port_541.htm) | [542 / commerce / commerce](https://www.grc.com/port_542.htm) | [543](https://www.grc.com/port_543.htm) | 543 |

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| 544 | [544 / kshell / krcmd](https://www.grc.com/port_544.htm) | [545 / appleqtcsrvr / appleqtcsrvr](https://www.grc.com/port_545.htm) | [546 / dhcpv6-client / DHCPv6 Client](https://www.grc.com/port_546.htm) | [547 / dhcpv6-server / DHCPv6 Server](https://www.grc.com/port_547.htm) | [548 / afpovertcp / AFP over TCP](https://www.grc.com/port_548.htm) | [549 / idfp / IDFP](https://www.grc.com/port_549.htm) | [550 / new-rwho / new-who](https://www.grc.com/port_550.htm) | [551 / cybercash / cybercash](https://www.grc.com/port_551.htm) | [552 / devshr-nts / DeviceShare](https://www.grc.com/port_552.htm) | [553 / pirp / pirp](https://www.grc.com/port_553.htm) | [554 / rtsp / Real Time Stream Control Protocol](https://www.grc.com/port_554.htm) | [555](https://www.grc.com/port_555.htm) | [556 / remotefs / rfs server](https://www.grc.com/port_556.htm) | [557 / openvms-sysipc / openvms-sysipc](https://www.grc.com/port_557.htm) | [558 / sdnskmp / SDNSKMP](https://www.grc.com/port_558.htm) | [559 / teedtap / TEEDTAP](https://www.grc.com/port_559.htm) | [560 / rmonitor / rmonitord](https://www.grc.com/port_560.htm) | [561](https://www.grc.com/port_561.htm) | [562 / chshell / chcmd](https://www.grc.com/port_562.htm) | [563 / nntps / secure nntp protocol (SSL) (was snntp)](https://www.grc.com/port_563.htm) | [564 / 9pfs / plan 9 file service](https://www.grc.com/port_564.htm) | [565 / whoami / whoami](https://www.grc.com/port_565.htm) | [566 / streettalk / streettalk](https://www.grc.com/port_566.htm) | [567 / banyan-rpc / banyan-rpc](https://www.grc.com/port_567.htm) | [568 / ms-shuttle / microsoft shuttle](https://www.grc.com/port_568.htm) | [569 / ms-rome / microsoft rome](https://www.grc.com/port_569.htm) | [570 / meter / demon](https://www.grc.com/port_570.htm) | [571 / meter / udemon](https://www.grc.com/port_571.htm) | [572 / sonar / sonar](https://www.grc.com/port_572.htm) | [573 / banyan-vip / banyan-vip](https://www.grc.com/port_573.htm) | [574 / ftp-agent / FTP Software Agent System](https://www.grc.com/port_574.htm) | [575 / vemmi / VEMMI](https://www.grc.com/port_575.htm) | 575 |

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| 576 | [576 / ipcd / ipcd](https://www.grc.com/port_576.htm) | [577 / vnas / vnas](https://www.grc.com/port_577.htm) | [578 / ipdd / ipdd](https://www.grc.com/port_578.htm) | [579 / decbsrv / decbsrv](https://www.grc.com/port_579.htm) | [580 / sntp-heartbeat / SNTP HEARTBEAT](https://www.grc.com/port_580.htm) | [581 / bdp / Bundle Discovery Protocol](https://www.grc.com/port_581.htm) | [582 / scc-security / SCC Security](https://www.grc.com/port_582.htm) | [583 / philips-vc / Philips Video-Conferencing](https://www.grc.com/port_583.htm) | [584 / keyserver / Key Server](https://www.grc.com/port_584.htm) | [585 / imap4-ssl / IMAP4+SSL (use 993 instead)](https://www.grc.com/port_585.htm) | [586 / password-chg / Password Change](https://www.grc.com/port_586.htm) | [587 / submission / Submission](https://www.grc.com/port_587.htm) | [588 / cal / CAL](https://www.grc.com/port_588.htm) | [589 / eyelink / EyeLink](https://www.grc.com/port_589.htm) | [590 / tns-cml / TNS CML](https://www.grc.com/port_590.htm) | [591 / http-alt / FileMaker Inc. - HTTP Alternate (see Port 80)](https://www.grc.com/port_591.htm) | [592 / eudora-set / Eudora Set](https://www.grc.com/port_592.htm) | [593 / http-rpc-epmap / HTTP RPC Ep Map](https://www.grc.com/port_593.htm) | [594 / tpip / TPIP](https://www.grc.com/port_594.htm) | [595 / cab-protocol / CAB Protocol](https://www.grc.com/port_595.htm) | [596 / smsd / SMSD](https://www.grc.com/port_596.htm) | [597 / ptcnameservice / PTC Name Service](https://www.grc.com/port_597.htm) | [598 / sco-websrvrmg3 / SCO Web Server Manager 3](https://www.grc.com/port_598.htm) | [599 / acp / Aeolon Core Protocol](https://www.grc.com/port_599.htm) | [600 / ipcserver / Sun IPC server](https://www.grc.com/port_600.htm) | [601 / syslog-conn / Reliable Syslog Service](https://www.grc.com/port_601.htm) | [602 / xmlrpc-beep / XML-RPC over BEEP](https://www.grc.com/port_602.htm) | [603 / idxp / IDXP](https://www.grc.com/port_603.htm) | [604 / tunnel / TUNNEL](https://www.grc.com/port_604.htm) | [605 / soap-beep / SOAP over BEEP](https://www.grc.com/port_605.htm) | [606 / urm / Cray Unified Resource Manager](https://www.grc.com/port_606.htm) | [607 / nqs / nqs](https://www.grc.com/port_607.htm) | 607 |

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| 608 | [608 / sift-uft / Sender-Initiated/Unsolicited File Transfer](https://www.grc.com/port_608.htm) | [609 / npmp-trap / npmp-trap](https://www.grc.com/port_609.htm) | [610 / npmp-local / npmp-local](https://www.grc.com/port_610.htm) | [611 / npmp-gui / npmp-gui](https://www.grc.com/port_611.htm) | [612 / hmmp-ind / HMMP Indication](https://www.grc.com/port_612.htm) | [613 / hmmp-op / HMMP Operation](https://www.grc.com/port_613.htm) | [614 / sshell / Secure SSLshell](https://www.grc.com/port_614.htm) | [615 / sco-inetmgr / Internet Configuration Manager](https://www.grc.com/port_615.htm) | [616 / sco-sysmgr / SCO System Administration Server](https://www.grc.com/port_616.htm) | [617 / sco-dtmgr / SCO Desktop Administration Server](https://www.grc.com/port_617.htm) | [618 / dei-icda / DEI-ICDA](https://www.grc.com/port_618.htm) | [619 / compaq-evm / Compaq EVM](https://www.grc.com/port_619.htm) | [620 / sco-websrvrmgr / SCO WebServer Manager](https://www.grc.com/port_620.htm) | [621 / escp-ip / ESCP](https://www.grc.com/port_621.htm) | [622 / collaborator / Collaborator](https://www.grc.com/port_622.htm) | [623 / asf-rmcp / ASF Remote Management and Control Protocol](https://www.grc.com/port_623.htm) | [624 / cryptoadmin / Crypto Admin](https://www.grc.com/port_624.htm) | [625 / dec_dlm / DEC DLM](https://www.grc.com/port_625.htm) | [626 / asia / ASIA](https://www.grc.com/port_626.htm) | [627 / passgo-tivoli / PassGo Tivoli](https://www.grc.com/port_627.htm) | [628 / qmqp / QMQP](https://www.grc.com/port_628.htm) | [629 / 3com-amp3 / 3Com AMP3](https://www.grc.com/port_629.htm) | [630 / rda / RDA](https://www.grc.com/port_630.htm) | [631 / ipp / IPP (Internet Printing Protocol)](https://www.grc.com/port_631.htm) | [632 / bmpp / bmpp](https://www.grc.com/port_632.htm) | [633 / servstat / Service Status update (Sterling Software)](https://www.grc.com/port_633.htm) | [634 / ginad / ginad](https://www.grc.com/port_634.htm) | [635 / rlzdbase / RLZ DBase](https://www.grc.com/port_635.htm) | [636 / ldaps / secure ldap protocol (SSL) (was sldap)](https://www.grc.com/port_636.htm) | [637 / lanserver / lanserver](https://www.grc.com/port_637.htm) | [638 / mcns-sec / mcns-sec](https://www.grc.com/port_638.htm) | [639 / msdp / MSDP](https://www.grc.com/port_639.htm) | 639 |

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| 640 | [640 / entrust-sps / entrust-sps](https://www.grc.com/port_640.htm) | [641 / repcmd / repcmd](https://www.grc.com/port_641.htm) | [642 / esro-emsdp / ESRO-EMSDP V1.3](https://www.grc.com/port_642.htm) | [643 / sanity / SANity](https://www.grc.com/port_643.htm) | [644 / dwr / dwr](https://www.grc.com/port_644.htm) | [645 / pssc / PSSC](https://www.grc.com/port_645.htm) | [646 / ldp / LDP](https://www.grc.com/port_646.htm) | [647 / dhcp-failover / DHCP Failover](https://www.grc.com/port_647.htm) | [648 / rrp / Registry Registrar Protocol (RRP)](https://www.grc.com/port_648.htm) | [649 / cadview-3d / Cadview-3d - streaming 3d models over the internet](https://www.grc.com/port_649.htm) | [650 / obex / OBEX](https://www.grc.com/port_650.htm) | [651 / ieee-mms / IEEE MMS](https://www.grc.com/port_651.htm) | [652 / hello-port / HELLO_PORT](https://www.grc.com/port_652.htm) | [653 / repscmd / RepCmd](https://www.grc.com/port_653.htm) | [654 / aodv / AODV](https://www.grc.com/port_654.htm) | [655 / tinc / TINC](https://www.grc.com/port_655.htm) | [656 / spmp / SPMP](https://www.grc.com/port_656.htm) | [657 / rmc / RMC](https://www.grc.com/port_657.htm) | [658 / tenfold / TenFold](https://www.grc.com/port_658.htm) | [659](https://www.grc.com/port_659.htm) | [660 / mac-srvr-admin / MacOS Server Admin](https://www.grc.com/port_660.htm) | [661 / hap / HAP](https://www.grc.com/port_661.htm) | [662 / pftp / PFTP](https://www.grc.com/port_662.htm) | [663 / purenoise / PureNoise](https://www.grc.com/port_663.htm) | [664 / asf-secure-rmcp / ASF Secure Remote Management and Control Protocol](https://www.grc.com/port_664.htm) | [665 / sun-dr / Sun DR](https://www.grc.com/port_665.htm) | [666](https://www.grc.com/port_666.htm) | [667 / disclose / campaign contribution disclosures - SDR Technologies](https://www.grc.com/port_667.htm) | [668 / mecomm / MeComm](https://www.grc.com/port_668.htm) | [669 / meregister / MeRegister](https://www.grc.com/port_669.htm) | [670 / vacdsm-sws / VACDSM-SWS](https://www.grc.com/port_670.htm) | [671 / vacdsm-app / VACDSM-APP](https://www.grc.com/port_671.htm) | 671 |

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| 672 | [672 / vpps-qua / VPPS-QUA](https://www.grc.com/port_672.htm) | [673 / cimplex / CIMPLEX](https://www.grc.com/port_673.htm) | [674 / acap / ACAP](https://www.grc.com/port_674.htm) | [675 / dctp / DCTP](https://www.grc.com/port_675.htm) | [676 / vpps-via / VPPS Via](https://www.grc.com/port_676.htm) | [677 / vpp / Virtual Presence Protocol](https://www.grc.com/port_677.htm) | [678 / ggf-ncp / GNU Generation Foundation NCP](https://www.grc.com/port_678.htm) | [679 / mrm / MRM](https://www.grc.com/port_679.htm) | [680 / entrust-aaas / entrust-aaas](https://www.grc.com/port_680.htm) | [681 / entrust-aams / entrust-aams](https://www.grc.com/port_681.htm) | [682 / xfr / XFR](https://www.grc.com/port_682.htm) | [683 / corba-iiop / CORBA IIOP](https://www.grc.com/port_683.htm) | [684 / corba-iiop-ssl / CORBA IIOP SSL](https://www.grc.com/port_684.htm) | [685 / mdc-portmapper / MDC Port Mapper](https://www.grc.com/port_685.htm) | [686 / hcp-wismar / Hardware Control Protocol Wismar](https://www.grc.com/port_686.htm) | [687 / asipregistry / asipregistry](https://www.grc.com/port_687.htm) | [688 / realm-rusd / REALM-RUSD](https://www.grc.com/port_688.htm) | [689 / nmap / NMAP](https://www.grc.com/port_689.htm) | [690 / vatp / VATP](https://www.grc.com/port_690.htm) | [691 / msexch-routing / MS Exchange Routing](https://www.grc.com/port_691.htm) | [692 / hyperwave-isp / Hyperwave-ISP](https://www.grc.com/port_692.htm) | [693 / connendp / connendp](https://www.grc.com/port_693.htm) | [694 / ha-cluster / ha-cluster](https://www.grc.com/port_694.htm) | [695 / ieee-mms-ssl / IEEE-MMS-SSL](https://www.grc.com/port_695.htm) | [696 / rushd / RUSHD](https://www.grc.com/port_696.htm) | [697 / uuidgen / UUIDGEN](https://www.grc.com/port_697.htm) | [698 / olsr / OLSR](https://www.grc.com/port_698.htm) | [699 / accessnetwork / Access Network](https://www.grc.com/port_699.htm) | [700](https://www.grc.com/port_700.htm) | [701](https://www.grc.com/port_701.htm) | [702](https://www.grc.com/port_702.htm) | [703](https://www.grc.com/port_703.htm) | 703 |

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| 704 | [704 / elcsd / errlog copy/server daemon](https://www.grc.com/port_704.htm) | [705 / agentx / AgentX](https://www.grc.com/port_705.htm) | [706 / silc / SILC](https://www.grc.com/port_706.htm) | [707 / borland-dsj / Borland DSJ](https://www.grc.com/port_707.htm) | [708](https://www.grc.com/port_708.htm) | [709 / entrust-kmsh / Entrust Key Management Service Handler](https://www.grc.com/port_709.htm) | [710 / entrust-ash / Entrust Administration Service Handler](https://www.grc.com/port_710.htm) | [711 / cisco-tdp / Cisco TDP](https://www.grc.com/port_711.htm) | [712](https://www.grc.com/port_712.htm) | [713](https://www.grc.com/port_713.htm) | [714](https://www.grc.com/port_714.htm) | [715](https://www.grc.com/port_715.htm) | [716](https://www.grc.com/port_716.htm) | [717](https://www.grc.com/port_717.htm) | [718](https://www.grc.com/port_718.htm) | [719](https://www.grc.com/port_719.htm) | [720](https://www.grc.com/port_720.htm) | [721](https://www.grc.com/port_721.htm) | [722](https://www.grc.com/port_722.htm) | [723](https://www.grc.com/port_723.htm) | [724](https://www.grc.com/port_724.htm) | [725](https://www.grc.com/port_725.htm) | [726](https://www.grc.com/port_726.htm) | [727](https://www.grc.com/port_727.htm) | [728](https://www.grc.com/port_728.htm) | [729 / netviewdm1 / IBM NetView DM/6000 Server/Client](https://www.grc.com/port_729.htm) | [730 / netviewdm2 / IBM NetView DM/6000 send](https://www.grc.com/port_730.htm) | [731 / netviewdm3 / IBM NetView DM/6000 receive](https://www.grc.com/port_731.htm) | [732](https://www.grc.com/port_732.htm) | [733](https://www.grc.com/port_733.htm) | [734](https://www.grc.com/port_734.htm) | [735](https://www.grc.com/port_735.htm) | 735 |

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| 736 | [736](https://www.grc.com/port_736.htm) | [737](https://www.grc.com/port_737.htm) | [738](https://www.grc.com/port_738.htm) | [739](https://www.grc.com/port_739.htm) | [740](https://www.grc.com/port_740.htm) | [741 / netgw / netGW](https://www.grc.com/port_741.htm) | [742 / netrcs / Network based Rev. Cont. Sys.](https://www.grc.com/port_742.htm) | [743](https://www.grc.com/port_743.htm) | [744 / flexlm / Flexible License Manager](https://www.grc.com/port_744.htm) | [745](https://www.grc.com/port_745.htm) | [746](https://www.grc.com/port_746.htm) | [747 / fujitsu-dev / Fujitsu Device Control](https://www.grc.com/port_747.htm) | [748 / ris-cm / Russell Info Sci Calendar Manager](https://www.grc.com/port_748.htm) | [749 / kerberos-adm / kerberos administration](https://www.grc.com/port_749.htm) | [750](https://www.grc.com/port_750.htm) | [751](https://www.grc.com/port_751.htm) | [752](https://www.grc.com/port_752.htm) | [753](https://www.grc.com/port_753.htm) | [754 / tell / send](https://www.grc.com/port_754.htm) | [755](https://www.grc.com/port_755.htm) | [756](https://www.grc.com/port_756.htm) | [757](https://www.grc.com/port_757.htm) | [758](https://www.grc.com/port_758.htm) | [759](https://www.grc.com/port_759.htm) | [760](https://www.grc.com/port_760.htm) | [761](https://www.grc.com/port_761.htm) | [762](https://www.grc.com/port_762.htm) | [763](https://www.grc.com/port_763.htm) | [764](https://www.grc.com/port_764.htm) | [765](https://www.grc.com/port_765.htm) | [766](https://www.grc.com/port_766.htm) | [767 / phonebook / phone](https://www.grc.com/port_767.htm) | 767 |

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| 800 | [800](https://www.grc.com/port_800.htm) | [801](https://www.grc.com/port_801.htm) | [802](https://www.grc.com/port_802.htm) | [803](https://www.grc.com/port_803.htm) | [804](https://www.grc.com/port_804.htm) | [805](https://www.grc.com/port_805.htm) | [806](https://www.grc.com/port_806.htm) | [807](https://www.grc.com/port_807.htm) | [808 / - / (Used by 'WinHole' Trojan)](https://www.grc.com/port_808.htm) | [809](https://www.grc.com/port_809.htm) | [810 / fcp-udp / FCP](https://www.grc.com/port_810.htm) | [811](https://www.grc.com/port_811.htm) | [812](https://www.grc.com/port_812.htm) | [813](https://www.grc.com/port_813.htm) | [814](https://www.grc.com/port_814.htm) | [815](https://www.grc.com/port_815.htm) | [816](https://www.grc.com/port_816.htm) | [817](https://www.grc.com/port_817.htm) | [818](https://www.grc.com/port_818.htm) | [819](https://www.grc.com/port_819.htm) | [820](https://www.grc.com/port_820.htm) | [821](https://www.grc.com/port_821.htm) | [822](https://www.grc.com/port_822.htm) | [823](https://www.grc.com/port_823.htm) | [824](https://www.grc.com/port_824.htm) | [825](https://www.grc.com/port_825.htm) | [826](https://www.grc.com/port_826.htm) | [827](https://www.grc.com/port_827.htm) | [828 / itm-mcell-s / itm-mcell-s](https://www.grc.com/port_828.htm) | [829 / pkix-3-ca-ra / PKIX-3 CA/RA](https://www.grc.com/port_829.htm) | [830](https://www.grc.com/port_830.htm) | [831 / - / (Used by 'Neurotic Kat' Trojan)](https://www.grc.com/port_831.htm) | 831 |

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| 832 | [832](https://www.grc.com/port_832.htm) | [833](https://www.grc.com/port_833.htm) | [834](https://www.grc.com/port_834.htm) | [835](https://www.grc.com/port_835.htm) | [836](https://www.grc.com/port_836.htm) | [837](https://www.grc.com/port_837.htm) | [838](https://www.grc.com/port_838.htm) | [839](https://www.grc.com/port_839.htm) | [840](https://www.grc.com/port_840.htm) | [841](https://www.grc.com/port_841.htm) | [842](https://www.grc.com/port_842.htm) | [843](https://www.grc.com/port_843.htm) | [844](https://www.grc.com/port_844.htm) | [845](https://www.grc.com/port_845.htm) | [846](https://www.grc.com/port_846.htm) | [847 / dhcp-failover2 / dhcp-failover 2](https://www.grc.com/port_847.htm) | [848](https://www.grc.com/port_848.htm) | [849](https://www.grc.com/port_849.htm) | [850](https://www.grc.com/port_850.htm) | [851](https://www.grc.com/port_851.htm) | [852](https://www.grc.com/port_852.htm) | [853](https://www.grc.com/port_853.htm) | [854](https://www.grc.com/port_854.htm) | [855](https://www.grc.com/port_855.htm) | [856](https://www.grc.com/port_856.htm) | [857](https://www.grc.com/port_857.htm) | [858](https://www.grc.com/port_858.htm) | [859](https://www.grc.com/port_859.htm) | [860](https://www.grc.com/port_860.htm) | [861](https://www.grc.com/port_861.htm) | [862](https://www.grc.com/port_862.htm) | [863](https://www.grc.com/port_863.htm) | 863 |

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| 864 | [864](https://www.grc.com/port_864.htm) | [865](https://www.grc.com/port_865.htm) | [866](https://www.grc.com/port_866.htm) | [867](https://www.grc.com/port_867.htm) | [868](https://www.grc.com/port_868.htm) | [869](https://www.grc.com/port_869.htm) | [870](https://www.grc.com/port_870.htm) | [871](https://www.grc.com/port_871.htm) | [872](https://www.grc.com/port_872.htm) | [873 / rsync / rsync](https://www.grc.com/port_873.htm) | [874](https://www.grc.com/port_874.htm) | [875](https://www.grc.com/port_875.htm) | [876](https://www.grc.com/port_876.htm) | [877](https://www.grc.com/port_877.htm) | [878](https://www.grc.com/port_878.htm) | [879](https://www.grc.com/port_879.htm) | [880](https://www.grc.com/port_880.htm) | [881](https://www.grc.com/port_881.htm) | [882](https://www.grc.com/port_882.htm) | [883](https://www.grc.com/port_883.htm) | [884](https://www.grc.com/port_884.htm) | [885](https://www.grc.com/port_885.htm) | [886 / iclcnet-locate / ICL coNETion locate server](https://www.grc.com/port_886.htm) | [887 / iclcnet_svinfo / ICL coNETion server info](https://www.grc.com/port_887.htm) | [888 / cddbp / CD Database Protocol](https://www.grc.com/port_888.htm) | [889](https://www.grc.com/port_889.htm) | [890](https://www.grc.com/port_890.htm) | [891](https://www.grc.com/port_891.htm) | [892](https://www.grc.com/port_892.htm) | [893](https://www.grc.com/port_893.htm) | [894](https://www.grc.com/port_894.htm) | [895](https://www.grc.com/port_895.htm) | 895 |

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| 896 | [896](https://www.grc.com/port_896.htm) | [897](https://www.grc.com/port_897.htm) | [898](https://www.grc.com/port_898.htm) | [899](https://www.grc.com/port_899.htm) | [900 / omginitialrefs / OMG Initial Refs](https://www.grc.com/port_900.htm) | [901 / smpnameres / SMPNAMERES](https://www.grc.com/port_901.htm) | [902 / ideafarm-chat / IDEAFARM-CHAT](https://www.grc.com/port_902.htm) | [903 / ideafarm-catch / IDEAFARM-CATCH](https://www.grc.com/port_903.htm) | [904](https://www.grc.com/port_904.htm) | [905](https://www.grc.com/port_905.htm) | [906](https://www.grc.com/port_906.htm) | [907](https://www.grc.com/port_907.htm) | [908](https://www.grc.com/port_908.htm) | [909](https://www.grc.com/port_909.htm) | [910](https://www.grc.com/port_910.htm) | [911 / xact-backup / xact-backup](https://www.grc.com/port_911.htm) | [912 / apex-mesh / APEX relay-relay service](https://www.grc.com/port_912.htm) | [913 / apex-edge / APEX endpoint-relay service](https://www.grc.com/port_913.htm) | [914](https://www.grc.com/port_914.htm) | [915](https://www.grc.com/port_915.htm) | [916](https://www.grc.com/port_916.htm) | [917](https://www.grc.com/port_917.htm) | [918](https://www.grc.com/port_918.htm) | [919](https://www.grc.com/port_919.htm) | [920](https://www.grc.com/port_920.htm) | [921](https://www.grc.com/port_921.htm) | [922](https://www.grc.com/port_922.htm) | [923](https://www.grc.com/port_923.htm) | [924](https://www.grc.com/port_924.htm) | [925](https://www.grc.com/port_925.htm) | [926](https://www.grc.com/port_926.htm) | [927](https://www.grc.com/port_927.htm) | 927 |

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| 928 | [928](https://www.grc.com/port_928.htm) | [929](https://www.grc.com/port_929.htm) | [930](https://www.grc.com/port_930.htm) | [931](https://www.grc.com/port_931.htm) | [932](https://www.grc.com/port_932.htm) | [933](https://www.grc.com/port_933.htm) | [934](https://www.grc.com/port_934.htm) | [935](https://www.grc.com/port_935.htm) | [936](https://www.grc.com/port_936.htm) | [937](https://www.grc.com/port_937.htm) | [938](https://www.grc.com/port_938.htm) | [939](https://www.grc.com/port_939.htm) | [940](https://www.grc.com/port_940.htm) | [941](https://www.grc.com/port_941.htm) | [942](https://www.grc.com/port_942.htm) | [943](https://www.grc.com/port_943.htm) | [944](https://www.grc.com/port_944.htm) | [945](https://www.grc.com/port_945.htm) | [946](https://www.grc.com/port_946.htm) | [947](https://www.grc.com/port_947.htm) | [948](https://www.grc.com/port_948.htm) | [949](https://www.grc.com/port_949.htm) | [950](https://www.grc.com/port_950.htm) | [951](https://www.grc.com/port_951.htm) | [952](https://www.grc.com/port_952.htm) | [953](https://www.grc.com/port_953.htm) | [954](https://www.grc.com/port_954.htm) | [955](https://www.grc.com/port_955.htm) | [956](https://www.grc.com/port_956.htm) | [957](https://www.grc.com/port_957.htm) | [958](https://www.grc.com/port_958.htm) | [959](https://www.grc.com/port_959.htm) | 959 |

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| 960 | [960](https://www.grc.com/port_960.htm) | [961](https://www.grc.com/port_961.htm) | [962](https://www.grc.com/port_962.htm) | [963](https://www.grc.com/port_963.htm) | [964](https://www.grc.com/port_964.htm) | [965](https://www.grc.com/port_965.htm) | [966](https://www.grc.com/port_966.htm) | [967](https://www.grc.com/port_967.htm) | [968](https://www.grc.com/port_968.htm) | [969](https://www.grc.com/port_969.htm) | [970](https://www.grc.com/port_970.htm) | [971](https://www.grc.com/port_971.htm) | [972](https://www.grc.com/port_972.htm) | [973](https://www.grc.com/port_973.htm) | [974](https://www.grc.com/port_974.htm) | [975](https://www.grc.com/port_975.htm) | [976](https://www.grc.com/port_976.htm) | [977](https://www.grc.com/port_977.htm) | [978](https://www.grc.com/port_978.htm) | [979](https://www.grc.com/port_979.htm) | [980](https://www.grc.com/port_980.htm) | [981](https://www.grc.com/port_981.htm) | [982](https://www.grc.com/port_982.htm) | [983](https://www.grc.com/port_983.htm) | [984](https://www.grc.com/port_984.htm) | [985](https://www.grc.com/port_985.htm) | [986](https://www.grc.com/port_986.htm) | [987](https://www.grc.com/port_987.htm) | [988](https://www.grc.com/port_988.htm) | [989 / ftps-data / secure ftp protocol / data over SSL](https://www.grc.com/port_989.htm) | [990 / ftps / secure ftp protocol / control over SSL](https://www.grc.com/port_990.htm) | [991 / nas / Netnews Administration System](https://www.grc.com/port_991.htm) | 991 |

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| 992 | [992 / telnets / secure telnet protocol over SSL](https://www.grc.com/port_992.htm) | [993 / imaps / secure imap4 protocol over SSL](https://www.grc.com/port_993.htm) | [994 / ircs / secure irc protocol over SSL](https://www.grc.com/port_994.htm) | [995 / pop3s / secure pop3 protocol over SSL (was spop3)](https://www.grc.com/port_995.htm) | [996 / vsinet / vsinet](https://www.grc.com/port_996.htm) | [997](https://www.grc.com/port_997.htm) | [998](https://www.grc.com/port_998.htm) | [999](https://www.grc.com/port_999.htm) | [1000](https://www.grc.com/port_1000.htm) | [1001 / - / (popular with Trojans - see details)](https://www.grc.com/port_1001.htm) | [1002 / ms-ils / Microsoft Netmeeting ILS Service](https://www.grc.com/port_1002.htm) | [1003](https://www.grc.com/port_1003.htm) | [1004](https://www.grc.com/port_1004.htm) | [1005 / - / (Used by 'Theef' Trojan)](https://www.grc.com/port_1005.htm) | [1006](https://www.grc.com/port_1006.htm) | [1007](https://www.grc.com/port_1007.htm) | [1008 / - / (Used by 'Lion' & 'AutoSpy' Trojans)](https://www.grc.com/port_1008.htm) | [1009](https://www.grc.com/port_1009.htm) | [1010 / surf / surf (also used by 'Doly' Trojan)](https://www.grc.com/port_1010.htm) | [1011 / - / (Used by 'Doly' Trojan)](https://www.grc.com/port_1011.htm) | [1012 / - / (Used by 'Doly' Trojan)](https://www.grc.com/port_1012.htm) | [1013](https://www.grc.com/port_1013.htm) | [1014](https://www.grc.com/port_1014.htm) | [1015 / - / (Used by 'Doly' Trojan)](https://www.grc.com/port_1015.htm) | [1016 / - / (Used by 'Doly' Trojan)](https://www.grc.com/port_1016.htm) | [1017](https://www.grc.com/port_1017.htm) | [1018](https://www.grc.com/port_1018.htm) | [1019](https://www.grc.com/port_1019.htm) | [1020 / - / (Used by 'Doly' Trojan)](https://www.grc.com/port_1020.htm) | [1021](https://www.grc.com/port_1021.htm) | [1022](https://www.grc.com/port_1022.htm) | [1023 / - / Reserved](https://www.grc.com/port_1023.htm) | 1023 |

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| 1024 | [1024 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1024.htm) | [1025 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1025.htm) | [1026 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1026.htm) | [1027 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1027.htm) | [1028 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1028.htm) | [1029 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1029.htm) | [1030 / ms-svchost / Microsoft Generic Service Host](https://www.grc.com/port_1030.htm) | [1031 / iad2 / BBN IAD](https://www.grc.com/port_1031.htm) | [1032 / iad3 / BBN IAD](https://www.grc.com/port_1032.htm) | [1033 / netinfo-local / local netinfo port](https://www.grc.com/port_1033.htm) | [1034 / activesync / ActiveSync Notifications](https://www.grc.com/port_1034.htm) | [1035 / - / (Used by 'Multidropper' Trojan)](https://www.grc.com/port_1035.htm) | [1036 / pcg-radar / RADAR Service Protocol](https://www.grc.com/port_1036.htm) | [1037](https://www.grc.com/port_1037.htm) | [1038](https://www.grc.com/port_1038.htm) | [1039](https://www.grc.com/port_1039.htm) | [1040 / netarx / Netarx](https://www.grc.com/port_1040.htm) | [1041](https://www.grc.com/port_1041.htm) | [1042 / - / (Used by 'BLA' Trojan)](https://www.grc.com/port_1042.htm) | [1043](https://www.grc.com/port_1043.htm) | [1044](https://www.grc.com/port_1044.htm) | [1045 / fpitp / Fingerprint Image Transfer Protocol](https://www.grc.com/port_1045.htm) | [1046](https://www.grc.com/port_1046.htm) | [1047 / neod1 / Sun's NEO Object Request Broker](https://www.grc.com/port_1047.htm) | [1048 / neod2 / Sun's NEO Object Request Broker](https://www.grc.com/port_1048.htm) | [1049 / td-postman / Tobit David Postman VPMN](https://www.grc.com/port_1049.htm) | [1050 / cma / CORBA Management Agent](https://www.grc.com/port_1050.htm) | [1051 / optima-vnet / Optima VNET](https://www.grc.com/port_1051.htm) | [1052 / ddt / Dynamic DNS Tools](https://www.grc.com/port_1052.htm) | [1053 / remote-as / Remote Assistant (RA)](https://www.grc.com/port_1053.htm) | [1054 / brvread / BRVREAD](https://www.grc.com/port_1054.htm) | [1055 / ansyslmd / ANSYS - License Manager](https://www.grc.com/port_1055.htm) | 1055 |

Top of Form

The port number of any location on the grid above may be determined by floating  
your mouse over the square. Most web browsers will display a pop-up window to  
identify the port. Otherwise, see the URL display at the bottom of your browser.  
https://www.grc.com/image/transpixel.gif

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Bottom of Form

https://www.grc.com/image/graypixel.gif  
https://www.grc.com/image/transpixel.gif

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| https://www.grc.com/image/passed.gif | https://www.grc.com/image/trustealthanalysis.gif | https://www.grc.com/image/passed.gif |
| https://www.grc.com/image/transpixel.gif https://www.grc.com/image/graypixel.gif https://www.grc.com/image/transpixel.gif | | |
| Your system has achieved a **perfect** "TruStealth" rating. **Not a single packet** — solicited or otherwise — was received from your system as a result of our security probing tests. Your system ignored and refused to reply to repeated Pings (ICMP Echo Requests). From the standpoint of the passing probes of any hacker, this machine does not exist on the Internet. Some questionable personal security systems expose their users by attempting to "counter-probe the prober", thus revealing themselves. But your system wisely remained silent in every way. Very nice. | | |

https://www.grc.com/image/transpixel.gif  
https://www.grc.com/image/graypixel.gif

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| Why the first 1056 Ports? https://www.grc.com/image/transpixel.gif Internet ports are numbered from 1 through 65535, but the first 1023 ports are special. By tradition, and some enforcement, ports 1 through 1023 are generally reserved for the acceptance of incoming connections by services running on the receiving system. Internet services "listen" on various standard low-numbered ports so that clients wishing to have access to those services know where they may be found. Web servers traditionally listen on port 80, eMail servers listen on ports 25 and 110, FTP servers listen on port 21 and Telnet servers listen on port 23. And the list goes on. Here's the official [Internet Assigned Numbers Authority (IANA) port assignment list](http://www.iana.org/assignments/port-numbers).  Although it is possible to have higher-numbered ports listening for incoming connections, our scan of the entire "service port range" will detect all standard services running and listening on the standard service ports.  Due to the insecure behavior of Microsoft's Windows operating systems, we have added an additional 33 ports to these first 1023 ports, bringing the total to 1056. Windows has a tendency to establish globally available listening services on the first few ports in the "client port" range which begins just past 1023. If you are not running a personal firewall, or you are allowing ShieldsUP! probes into your network, you may discover one or more additional open ports at, or just above, 1024.  https://www.grc.com/image/autostealth.gifStrange Results? Personal firewalls are beginning to exhibit "adaptive behavior". The grid shown to the left starts off showing ports mostly closed with a few open (mostly blue with a few red cells). Then at some point it suddenly switches into "stealth mode". This can occur when a firewall "adapts" to the scanning IP and raises its defenses against just the attacker. This complicates the job of accurately checking a system's security. https://www.grc.com/image/transpixel.gif **Two things you can do:** If you are not certain whether your firewall is adaptive, you can re-run any test here to compare the results. Differing behavior often indicates that your firewall has "learned" that it is being probed from our IP and is treating it differently. For the most accurate scan results, disable any adaptive behavior during the testing. https://www.grc.com/image/transpixel.gif You can use these tests to learn exactly how your firewall deals with probes to specific ports, and to port ranges.  **Beyond providing a comprehensive test of your system's first 1056 ports, this service ports scan can be used for additional research:**   |  | | --- | | Service Ports Scan Application Guide ( Cool things you can do with our Service Ports Probe ) https://www.grc.com/image/transpixel.gif |   Detecting Ports Blocked by Your ISP https://www.grc.com/image/transpixel.gif Internet service providers often block specific traffic entering their network before it reaches their customers, or after leaving their customers before it exits their network. This is sometimes done to block the exploitation of common security vulnerabilities, and sometimes to prevent their customers from offering proscribed Internet services.  As a customer, it can be useful and interesting to know which service ports, if any, an ISP has chosen to preemptively block in order to restrict their customers' global Internet traffic.  ISP port blocking can be easily tested, often quite rapidly, by arranging to allow the ShieldsUP! probe to have access to an unprotected computer. Since all non-stealth machines will respond to every open request — either affirmatively or negatively — ports appearing as STEALTH will be those blocked by your ISP, corporate firewall, or other external agency.   |  |  |  | | --- | --- | --- | | https://www.grc.com/image/transpixel.gif https://www.grc.com/image/textbullet.gif |  | If your system is unprotected, without any personal firewall or NAT router, any ports showing as stealth https://www.grc.com/image/stealth.gif are being blocked somewhere between your computer and the public Internet. This is probably being done by your ISP. Internet traffic directed to your computer at the stealth ports will be dropped before reaching your machine. | | https://www.grc.com/image/transpixel.gif https://www.grc.com/image/textbullet.gif |  | If your system has a personal firewall that can be instructed to "trust" a specific remote IP, you can temporarily instruct it to trust the ShieldsUP! probe IP of [4.79.142.206]. If, after doing so, most of the service ports change to either open https://www.grc.com/image/open.gif or closed https://www.grc.com/image/closed.gif, you have succeeded and any which remain stealth are being blocked by your ISP. | | https://www.grc.com/image/transpixel.gif https://www.grc.com/image/textbullet.gif |  | If your system is operating behind a residential "NAT" router, the router will be acting as a natural and excellent hardware firewall. But that's not what you want for the moment. You can temporarily remove your NAT router and connect an unprotected computer directly to your cable modem or DSL line. Or, if you are comfortable reconfiguring your NAT router, you may be able to point the router's "DMZ" at one of your computers which has been instructed to "trust" our probe IP of **[4.79.142.206]**. If, after doing so, most of the service ports change to either open https://www.grc.com/image/open.gif or closed https://www.grc.com/image/closed.gif, you have succeeded and any remaining stealth are being blocked by your ISP. | | https://www.grc.com/image/transpixel.gif https://www.grc.com/image/textbullet.gif |  | Finally, if your Internet security system, NAT router, personal firewall, or whatever, can produce detailed logs of incoming Internet packets, you could leave your existing security in place, clear your log, run the service ports scan, then carefully inspect your log for any consistently missing port probes. We send out four sets of probing packets because individual packets are sometimes dropped along the way. Therefore, it won't be unusual to see occasional missing packets from your logs. What you're looking for is a complete lack of packets bound for a specific port. A careful and detailed examination of your log will reveal any missing ports which are being blocked before they reach your logging tool. (Note that this technique is not quite as foolproof as the other approaches since ISPs could be blocking outbound packets from their customers, which the other approaches would detect but log-watching would not.) |   After completing the experiments above, remember to return your system to its previous tight security and verify that everything is safe again by re-running any of our tests.  https://www.grc.com/image/darkbluepixel.gif https://www.grc.com/image/transpixel.gif Checking a NAT Router's WAN Security https://www.grc.com/image/transpixel.gif Residential broadband "NAT" routers which allow many computers to share a single Internet connection are becoming quite popular. We love them for the security they provide to the machines placed behind them since any NAT router functions as a natural and excellent hardware firewall.  However, the Internet or "WAN" (Wide Area Network) side connection of many NAT routers and DSL gateways is not as secure as it should be. Many routers ship with web, ftp, or Telnet management ports wide open! And many are still configured with their well-known default administrative passwords. Although the router may be protecting the machines behind it, it might not be protecting itself without your deliberate closing of remote "WAN" administration ports.  ShieldsUP! automatically tests your NAT router's WAN-side security because the router's WAN IP is the single public IP that connects your internal private network to the public Internet. When a test is initiated by any system behind a NAT router, we are testing the public-side security of the router itself and not the security of the individual machines which are located behind and protected by the router.  https://www.grc.com/image/darkbluepixel.gif https://www.grc.com/image/transpixel.gif Adaptive IDENT Stealthing Experimentation https://www.grc.com/image/transpixel.gif [**The IDENT protocol's port 113**](https://www.grc.com/port_113.htm) is quite problematical and tricky to stealth. If the user's port 113 is completely stealthed, connections to some remote Internet servers such as eMail, Internet Relay Chat (IRC), and others, may be delayed or denied altogether. For this reason, many NAT routers and personal firewalls do not attempt to stealth port 113, they settle for leaving it closed. One of the first things that caught my eye about the ZoneAlarm personal firewall was that it was clever about handling port 113: It "adaptively stealthed" the port.  To understand the following discussion, you should familiarize yourself with the details of the IDENT protocol and port 113. Please read [**port 113's Port Authority database page**](https://www.grc.com/port_113.htm) before proceeding.  Even after many years, the (free) ZoneAlarm personal firewall from Zone Labs is the only personal firewall to "adaptively" stealth port 113. Unlike any other firewall or NAT router (any of which could also do the same) this allows port 113 to be stealthed to any passing Internet scanners or probes, but "unstealthed" for any valid IDENT connection attempts originating from remote servers with which the user's computer is attempting to connect. (Since this could easily be done by any personal firewall or even NAT routers, I am hopeful that this feature might yet appear in other products.)  "Adaptive Stealthing" means that when a TCP SYN packet arrives to request a connection to your machine's port 113, ZoneAlarm checks, on the fly, to see whether your machine currently has any sort of "relationship" with the remote machine (such as a pending outgoing connection attempt). If so, the remote machine is considered to be "friendly" and its IDENT request packet is allowed to pass through ZoneAlarm's firewall. But if the IDENT originating machine is not known to ZoneAlarm as a "friendly" machine, the connection requesting packet is dropped and discarded, rendering port 113 stealth to all unknown port scanners. It's very slick.  **IDENT, ZoneAlarm, and ShieldsUP!** https://www.grc.com/image/transpixel.gif Even though your computer's web browser already has a relationship with the web server at GRC, our tests originate from a different "foreign" IP address. ZoneAlarm therefore drops incoming packets to port 113 from this different probing IP address and ZoneAlarm users see that port 113 is stealthed to passing Internet scans.  To demonstrate how ZoneAlarm (and perhaps someday other firewalls or NAT routers) selectively "unstealth" port 113 — but only for known "friendly" machines — we simply initiate a connection from your web browser to the ShieldsUP! scanning IP. Even though the connection attempt will ultimately fail (since there's no web server at the probing address), ZoneAlarm will note the outgoing attempt and will unstealth port 113 for subsequent probes.  https://www.grc.com/image/bullet.gif **Step One:** Verify that our scan currently show port 113 stealthed. (You may wish to use one of the other remote port tests which will be faster than an entire 1056-port grid scan.)  https://www.grc.com/image/bullet.gif **Step Two:** Open a secondary web browser window to initiate a connection to the probing IP. (Users of Microsoft Internet Explorer can press Ctrl-N to "clone" their current browser window.)  https://www.grc.com/image/bullet.gif **Step Three:** In the secondary web browser window, click this URL or enter this address: https://www.grc.com/image/transpixel.gif  [**http://4.79.142.206**](http://4.79.142.206/)  This second connection attempt will ultimately fail, but ZoneAlarm will notice the effort, which is all that's necessary.  https://www.grc.com/image/bullet.gif **Step Four:** Finally, refresh the port probe window or repeat the scan to check your system's current port status. You should find that port 113 is no longer "stealth" to the probing IP address because you are attempting to connect to it and it has been determined to be "friendly".  https://www.grc.com/image/bullet.gif **Step Five:** If you're curious, stop and close the secondary web browser window and periodically refresh your port probe window to see how long the "friendly" status persists before Zone Alarm returns the probing IP to unknown status and port 113 to full stealth. |

https://www.grc.com/image/transpixel.gif

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| |  | | --- | | NOTE: Clicking the "http" link above may convince a clever firewall that the remote scanning IP is "friendly" and help to demonstrate its adaptive IDENT handling. But the packets sent to us with that link will **also** trigger our "Unsolicited Packet" detection since those packets were not received in direct response to our probes. https://www.grc.com/image/transpixel.gif In order to reset the memory of these deliberately unsolicited packets you must [redisplay the initial ShieldsUP! "Greetings" page](https://www.grc.com/x/ne.dll?bh0bkyd2). (That link will take you there.) | |

Top of Form

**Click her**e to check your router now...  
