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CLI – ESR ().
(Command Line Interface, CLI) – , , . , Telnet, SSH (, HyperTerminal).

CLI , ESR (CLI). TCP/IP, Ethernet-.



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- AAA – Authentication, Authorization, Accounting
- ARP – Address Resolution Protocol
- BGP – Border Gateway Protocol
- BRAS – Broadband Remote Access Server
- DHCP – Dynamic Host Configuration Protocol
- DNS – Domain Name System
- DDoS – Distributed Denial of Service
- DoS – Denial of Service
- FIFO – First In, First Out
- FTP – File Transfer Protocol
- FXO – Foreign eXchange Office
- FXS – Foreign eXchange Subscriber
- GRE – Generic Routing Encapsulation
- GRED – Gentle Random Early Detection
- HTTP – HyperText Transfer Protocol
- HTTPS – HyperText Transfer Protocol Secure
- ICMP – Internet Control Message Protocol
- IKE – Internet Key Exchange
- IDS – Intrusion Detection System
- IP – Internet Protocol
- IP4IP4 – IP in IP
- IPS – Intrusion Prevention System
- IPsec – IP Security
- L2TP – Layer 2 Tunneling Protocol
- L2TPv3 – Layer 2 Tunneling Protocol version 3
- LACP – Link Aggregation Control Protocol
- LAG – Link Aggregation Group
- LDAP – Lightweight Directory Access Protocol
- LLDP – Link Layer Discovery Protocol
- MAC – Media Access Control
- MTU – Maximum Transmission Unit
- mDNS – Multicast Domain Name System
- NAT – Network Address Translation
- NAS – Network Access Server
- NTP – Network Time Protocol
- OSPF – Open Shortest Path First
- PPP – Point-to-Point Protocol
- PPTP – Point-to-Point Tunneling Protocol
- PPPOE – Point-to-point protocol over Ethernet
- PSK – Pre-Shared Key
- QoS – Quality of Service
- RADIUS – Remote Authentication Dial In User Service
- RED – Random early detection

- RIP – Routing Informational Protocol
- SFTP – Secure Shell File Transfer Protocol
- SIP – Session Initiation Protocol
- SLA — Service Level Agreement
- SNMP – Simple Network Management Protocol
- SCP – Secure Copy Protocol
- SP – Strict Priority
- SSH – Secure Shell
- STP – Spanning Tree Protocol
- TACACS – Terminal Access Controller Access Control System
- TFTP – Trivial File Transfer Protocol
- URL – Uniform Resource Locator
- VLAN – Virtual Local Area Network
- VPN –Virtual Private Network
- VRF – Virtual Routing/Forwarding
- VRRP – Virtual Router Redundancy Protocol
- VTI – Virtual Tunnel Interface
- WAN – Wide Area Network
- WINS – Windows Internet Name Service
- WRR – Weighted Round Robin
- XAUTH – eXtended Authentication