

Colasoft Capsa

Technical Specifications

The specifications in this document are applicable to Colasoft Capsa 6.9 series, including Professional Edition and Enterprise Edition.

Software Systems

OS:

Windows 2000 (SP 4 or later)
 Windows XP (SP 1 or later)
 Windows 2003 (SP 2 or later)
 Windows 2008 and 32bit and 64bit Editions
 Windows Vista and 32bit and 64bit Editions
 Windows XP/2003 32bit and 64bit Editions
 Windows 7 32bit and 64bit Editions

Relied Program:

Internet Explorer 5.5

Hardware Requirements

Minimum Requirements:

P4 1.2G CPU
 512 MB RAM
 Internet Explorer 5.5 or higher

Recommended Requirements:

P4 3.0G CPU
 1GB RAM or more
 Internet Explorer 6.0 or higher Recommended

Supported Networks

Colasoft Capsa can monitor and analyze communications transmitted on Ethernet, Fast Ethernet or Gigabit Ethernet networks.

Capture Resources

100/1000 Mbps Ethernet adapters
 Loopback Interface (Windows 2000/XP)

Supported Protocols

Application	BGP, BOOTP, CIFS, DHCP, DNS, Finger, FTP, FTP Control, FTP Data, Gopher, H.323, HTTP, HTTPS, IMAP, IMAP3, IMAPS, LDAP, LDAPS, Mobile IP, MSN, NFS, NNTP, NTP, POP2, POP3, POP3s, HTTP Proxy, RLOGIN, RTSP, SLP, SMB, SMTP, SNMP, Telnet, TFTP,
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	BitTorrent, SNMP Trap, SSDP, ICP, COPS, RTP, RTP Audio, RTP Video, RTP Audio & Video, RTP Dynamic, COPS, Tunnel, Echo, CMIP-Agent, CMIP-Man, SFTP, RAP, RLP, Radius, Radius-acct, Radius-dynauth, eMule, PPLive, SShell, Kerberos, Citrix ICA, Time, Nameserver, Tacacs, Xns-time, JE, Discard, Systat, Qotd, MSP, Daytime, Msg-auth, Auditd, Ni-ftp, MPM, MPM-snd, Re-mail-ck, La-maint, XNS-ch, XNS-auth, XNS-mail, Tacacs-ds, Mit-ml-dev, CTF, NPP, DCP, Supdup, Swift-rvf, Tacnews, Mcidas, Pwdgen, Statsrv, Emfis-data, Emfis-cntl, HMP, PRM, RDP, IRTP, NETBLT, DCCP, IDPR, DDP, SDRP, IDRP, DSR, NARP, TLSP, PVP, SMP, PTP, CRTP, CRUDP, PIPE, FC, SPS, SNP, ISO-TP4, SKIP, CFTP, Login, Who, Yahoo Messenger, X-Window, UMA, ISO-TP0, ISO-IP, BFTP, SGMP-traps, NAMP, Send, RIS, MPP, CDC, Http-mgmt, PIP, Rtsp, Pdap, NSRMP, RSVP_tunnel, IBM-app, SNPP, RCP, NMSP, IDFP, SCC Security, Submission, SMIP, XDAS, RAMP, ACNET, Sflow, CRIP, TRIP, QQ, Mnet-discovery, Rwhois, Citrix ICA, Rexec, Biff, RTP with VLC
Presentation	AFP, Datagram Service, Name Service, NCP, NetBIOS
Session	RPC, SAP, Session Service
Transport	H.225, RTCP, SSH, TCP, UDP, NetBEUI
Network	CGMP, EIGRP, EGP, GRE, ICMP, IPv6, ICMPv6, IGMP, IGRP, IP, IP Fragment, IPX, OSPF, PIM, RSVP, VRRP, RIP, RIPv1, RIPv2, RIPv3, RIPv4, GDP, HSRP, RSVP, Cisco-fna, Cisco-tna, Cisco-sys, GGP, EIGRP Hello, EIGRP Query, EIGRP Reply, EIGRP Update, SGMP, Password-chg, CFS, SCCP
Data Link	ARP, RARP, Ethernet II, Ethernet 802.2, Ethernet 802.3, Ethernet SNAP, PPPoE, STP, VLAN 802.1Q, XNS, AARP, MPLS, Windows NLB, ISL, FCoE
Others	Kerberos, GTP, L2TP, LPD, MGCP, MSRDP, MSSQL, PPTP, RSH, RTELNET, SCTP, SQL, SIP, Whois, WINS, AH, ESP, PUP, CDP

Log Analysis

Email messages analysis

FTP transfers analysis
HTTP requests analysis
DNS queries analysis
MSN activities
AIM activities
ICQ activities
Yahoo Messenger Activities

Available Filters

By physical address
By IP address (including address range and subnet)
By port (including port range and multiple ports)
By protocol
By packet value
By packet size
By packet pattern
Advanced Boolean rules for complex filter formulas

Available Reports

Summary statistics
Diagnosis events
Protocol statistics
Top 10 physical addresses
Top 10 IP addresses
Top 10 local IP addresses
Top 10 remote IP addresses

Timestamp

Colasoft Capsa captures and decodes packets in microsecond.

Available Decoders

AH packet decoder
ARP packet decoder
Bittorrent packet decoder
BOOTP packet decoder
CDP packet decoder
CGMP packet decoder
COPS packet decoder
CIFS packet decoder
DHCP packet decoder
DNS packet decoder
EGP packet decoder
EIGRP packet decoder
eMule packet decoder
ESP packet decoder
Ethernet 802.2 frame decoder
Ethernet 802.3 frame decoder
Ethernet II frame decoder
Ethernet SNAP frame decoder
FCoE packet decoder
Finger packet decoder
FTP Ctrl packet decoder
FTP Data packet decoder
GGP packet decoder
Gopher packet decoder
GRE packet decoder
HSRP packet decoder
HTTP packet decoder
ICMP packet decoder

ICMPv6 packet decoder
ICP packet decoder
IGRP packet decoder
IP packet decoder
IPv6 packet decoder
IPX packet decoder
ISL packet decoder
ISMP packet decoder
L2TP packet decoder
LPD packet decoder
MPLS packet decoder
MSN packet decoder
MSSQL packet decoder
NetBIOS datagram service decoder
NetBIOS name service decoder
NetBIOS session service decoder
NCP packet decoder
Oracle packet decoder
OSPF decoder
POP3 packet decoder
PPP packet decoder
PPP CHAP packet decoder
PPP IPCP decoder
PPP link control packet decoder
PPP PAP decoder
PPPoE discovery packet decoder
PPPoE session packet decoder
PPTP packet decoder
QQ packet decoder
RARP packet decoder
RIPv1 decoder
RIPv2 decoder
RSVP packet decoder
SAP packet decoder
SCTP packet decoder
SMB packet decoder
SMTP packet decoder
SPX packet decoder
SSH packet decoder
TCP packet decoder
TELNET packet decoder
TFTP decoder
UDP packet decoder
VLAN tag decoder
VRRP packet decoder

TCP Stream Reconstruction Formats

ASCII
EBCDIC

Supported Packet File Formats

Colasoft Capsa native format (*.cscpkt)
Colasoft Capsa previous format (*.capf)
Sniffer packet file format (*.cap)
EtherPeek packet file format (*.pkt)
TokenPeek packet file format (*.pkt)
AiroPeek packet file format (*.pkt)
Raw packet file format (*.rawpkt)
Microsoft Network Monitor 2.x (*.cap)
TCP DUMP File (*.dmp)