Deployment Environment

- Shared networks
- Switched networks (managed switches and unmanaged switches)
- Network segments
- Proxy server

Supported Network Types

- Ethernet
- Fast Ethernet
- Gigabit Ethernet

Supported Network Adapters

- 10/100/1000 Mbps Ethernet adapters

System Requirements

Operating Systems

- Windows Server 2008 (64-bit)
- Windows Server 2012 (64-bit)*
- Windows Vista (64-bit)
- Windows 7 (64-bit)
- Windows 8/8.1 (64-bit)
- Windows 10 Professional (64-bit)

* indicates that Colasoft Packet Builder is not compatible with this operating system.

Minimum

- CPU: P4 2.8 GHz
- RAM: 4 GB
- 100 MB free disk space
- Internet Explorer 6.0

Recommended

- CPU: Intel Dual-Core 3.2 GHz
- RAM: 8 GB or more
- 10 GB additional space for packet files and logs
- Internet Explorer 8.0 or higher

Supported Packet File Formats

Supported Packet File Formats to Replay

- Accellent 5Views Packet File (*.5vw)
- Colasoft Packet File (*.cscpkt; *rapkt; *.rawpkt; *.cacproj)
- EtherPeek Packet File (V7/V9) (*.pkt)
- HP Unix Nettl Packet File (*.TRCO; TRC1)
- Libpcap (Wireshark, Tcpdump, Ethereal, etc.) (*.cap; *pcap)
- Wireshark (Wireshark, etc.) (*.pcapang; *pcapang.gz; *.ntar; *.ntar.gz)
- Microsoft Network Monitor 1.x 2.x (*.cap)
- Novell LANalyer (*.tr1)
- Network Instruments Observer V9.0 (*.bfr)
- NetXRay 2.0, and Windows Sniffer (*.cap)
- Sun_Snoop (*.Snoop)
- Visual Network Traffic Capture (*.cap)

Supported Packet File Formats to Export

- Accellent 5Views Packet File (*.5vw)
- Colasoft Packet File (V3) (*.rapkt)
- Colasoft Packet File (*.cscpkt)
- Colasoft Raw Packet File (*.rawpkt）
- Colasoft Raw Packet File (V2) (*.rawpkt）
- EtherPeek Packet File (V9) (*.pkt)
- HP Unix Nettl Packet File (*.TRCO; *.TRC1)
- Libpcap (Wireshark, Tcpdump, Ethereal, etc.) (*.cap; *pcap)
- Wireshark (Wireshark, etc.) (*.pcapang; *pcapang.gz; *.ntar; *.ntar.gz)
- Microsoft Network Monitor 1.x 2.x (*.cap)
- Novell LANalyer (*.tr1)
- NetXRay 2.0, and Windows Sniffer (*.cap)
- Sun_Snoop (*.Snoop)
- Visual Network Traffic Capture (*.cap)

Supported Protocols

Capsa supports 1546 protocols and sub-protocols. The following are the supported application layer protocols:

MiNT, MIPv6, MONGO, MSDP, Netsync, MSNMS, NBDS, OLSR, OMAPI, OPSI, PacketBB, PCEP, PCP, PGSQL, PKTC, PULSE, QUAKE, QUAKE2, QUAKE3, QUAKEWORLD, RDT, Rlogin, RSIP, RSYNC, SAMETIME, SCoP, SEBEK, SIGCOMP, SIR, SliMP3, SMRSE, SMUX, Socks, SoulSeek, SPDY, SRVLOC, T.38, Tetra, TFP, TNS, TPCP, TPNCP, TZSP, UDPENCAP, ULP, VICP, WASSP, WINS-Replication, WoW, WTLS, X11, XDMCP, XMPP, XOT, XYPLEX, ZEP, AllJoyn NS, MRP-MMRP, MRP-MSRP, MRP-MVRP, NSRP, ROHC, Roofnet, RTcfg, Rtmac, SERCOS III V1.1, SNAETH, TDMoE, TELKONET, TIPC, TRILL, TTE PCF, VMLAB,

VNTAG, WAI, WRETH, WSMP, swIPe, UDPlite, XTP, HOPOPT, ST, BBN-RCC-MON, NVP-II, ARGUS, EMCON, XNET, MUX, DCN-MEAS, TRUNK-1, TRUNK-2, LEAF-1, LEAF-2, MFE-NSP, MERIT-INP, 3PC, IDRP-CMTP, TPPP, IL, IPv6-Route, IPv6-Frag, BNA, I-NLSP, MOBILE, IPv6-NoNxt, IPv6-Opts, AHIP, ALN, SAT-EXPAK, SAT-MON, KRYPTOLAN, RVD, IPPC, ADFS, VISA, IPCU, CPNX, CPHB, WSN, BR-SAT-MON, SUN-ND, WB-MON, WB-EXPAK, VMTP, SECURE-VMTP, VINES, TTP, IPTM, NSFNET-IGP, DGP, TCF, Sprite-RPC, LARP, MTP, AX.25, IPIP, MICP, SCC-SP, ENCAP, APES, GMTP, IFMP, PNNI, ARIS, SCPS, QNX, A/N, IPComp, Compaq-Peer, IPX-in-IP, 0-hop, DDX, IATP, STPoIP, UTI, SM, IS-IS over IPv4, FIRE, SSCOPMCE, IPLT, RSVP-E2E-IGNORE, Mobility Header, MPLS-in-IP, manet, Shim6, WESP, DCE, FSPFoE, IEN, DOSP, DRCP, RBCP, BSP, MVP, IETF-TRILL, HDBTCMP, HCfB, GHP, AES50-2005, TPC, ES, IN, MXSP, WIO, STISA, TEP, VNTSMP, Eth-Trunks, MEF, NN, IEEE 802.1 ECP, IPDoE, IEN LAN-to-LAN, IEEE 802.1 CFM, MPLS-LS, IS-IS, EBP, VSP, XDP, DRP, FMACS, NMCS, NSMCP, MRP, LSPP, MACSP, MISIDRP, SET, CPNSH, TCN, EoIB, MDC, REAC, PACU, TLDP, CDMA-ANI, XSHD, NC-SI, E-LMI, JRC-LTP, BCN, DOCSIS, DOCSIS MAC MGMT, DOCSIS B-INT-RNG-REQ, DOCSIS BPKM-REQ, DOCSIS BPKM-RSP, DOCSIS CM-CTRL-REQ, DOCSIS CM-CTRL-RSP, DOCSIS CM-STATUS, DOCSIS DBC-ACK, DOCSIS DBC-REQ, DOCSIS DBC-RSP, DOCSIS DCC-ACK, DOCSIS DCC-REQ, DOCSIS DCC-RSP, DOCSIS DCD, DOCSIS DPV-REQ, DOCSIS DPV-RSP, DOCSIS DSA-ACK, DOCSIS DSA-REQ, DOCSIS DSA-RSP, DOCSIS DSC-ACK, DOCSIS DSC-REQ, DOCSIS DSC-RSP, DOCSIS DSD-REQ, DOCSIS DSD-RSP, DOCSIS INT-RNG-REQ, DOCSIS MAP, DOCSIS Mdd, DOCSIS REG-ACK, DOCSIS REG-REQ, DOCSIS Reg-Req-Mp, DOCSIS REG-RSP, DOCSIS Reg-Rsp-Mp, DOCSIS RNG-REQ, DOCSIS RNG-RSP, DOCSIS Sync, DOCSIS type29ucd, DOCSIS UCC-REQ, DOCSIS UCC-RSP, DOCSIS UCD, FNTP, MRME, HBLLVoE, IPMP, T-VLAN, WNSIA, N-Ring, CLP, TAEPoL, PXLVD, FCMP, APP, MMP, GAC, ZLLS, FLDP, CEC, TLP, PCCP, VARAN, RDMAoE, BTSI, 2dparityfec, EVRC, RTP PCMU, RTP LPC, RTP PCMA, RTP G.722, RTP L16, RTP QCELP, RTP CN, RTP MPA, FGP, PIPO, CALCAPP, SSP, NPMP-CONTROL, NPMP-DATA, CHARGEN, 3GPP M2AP, 3GPP RNA, 3GPP M3AP, SSHoSCTP, DSDC, DDDC, R14P, WebRTC DCEP, WebRTC String, WebRTC Binary Partial, WebRTC Binary, WebRTC String Partial, 3GPP PUA, WebRTC Binary Empty, WebRTC String Empty, 3GPP XwAP, 3GPP Xw-Control Plane, PPP ROHC-S, PPP ROHC-L, PPP OSI NL, PPP XNI, PPP DEC, PPP Appletalk, PPP IPX, PPP VJC, PPP VJU, PPP BRID, PPP STREAM, PPP Banyan Vines, PPP AppleTalk EDDP, PPP AppleTalk SB, PPP Multi-Link, PPP NETBIOS Fram, PPP Cisco Sys, PPP Ascom Timeplex, PPP LBLB, PPP SDTP, PPP DCA-RL, PPP 802.2 SNA, PPP SNA, PPP IPv6 HC, PPP KNX-BD, PPP Encryption, PPP ILE, PPP Muxing, PPP VSNP, PPP TNP, PPP SLCM, PPP CDP, PPP NTR, PPP STP, PPP EDP, PPP OSCP, PPP SNS, PPP ACSP, PPP MFTP, PPP CCCP, PPP EAP, PPP CNDP, PPP RefTek, PPP EMIT, PPP VSP, PPP TLSP, PPP OSI-NLCP, PPP ACP, PPP SPCP, PPP BVCP, PPP MLCP, PPP CSCP, PPP RLNCP, PPP SDCP, PPP ECP, PPP ILECP, PPP VSNCP, PPP TNCP, PPP SBCP, PPP CCP, PPP CDPC, PPP ACSPC, PPP SPAP.

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