

System Requirements

Operating systems

- Windows Server 2012/2012 R2/2016/2019 (64-bit)
- Windows 7 SP1 (KB3033929) (64-bit)
- Windows 8.1 (64-bit)
- Windows 10 (64-bit)
- Windows 11 (64-bit)

* indicates that the wireless analysis module is not compatible with this operating system.

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

Minimum

- CPU: Intel Core2 Duo 2.0GHz
- RAM: 4 GB
- Internet Explorer 8.0

Recommended

- CPU: Intel Core2 Quad 3.2GHz
- RAM: 8 GB or more
- Internet Explorer 8.0

Supported Wireless Adapters

- Atheros AR7015, AR6004, AR9380, AR9382, AR9390, AR9485, AR9462, AR958x
- Intel 1000, 4965, 5100, 5150, 5300, 5350, 6200, 6250, 6300, 6350, AC 7260, 82579LM
- Realtek RTL8188CU, RTL8192CU, RTL8187
- Broadcom 4313GN, 80211bgn
- TP-Link TL-WDN3200 (5.1.7.5014), TL-822N v2
- D-Link DWA-160 B2 (5.1.7.5014)

Supported Packet File Restore Type

- FTP file
- TFTP file
- HTTP file
- SSL Certification file
- Mail copy (SMTP/POP3/IMAP4)

Supported Packet File Formats

- libpcap(Wireshark,Ethereal,Tcpdump,etc.)(* .cap ;*.pcap)
- Accellent 5View Packet File(*.5vw)
- Colasoft Packet File(V3) (*.rapkt)

- Colasoft Packet File (*.cscpkt)
- Colasoft Raw Packet File (*.rawpkt)
- Colasoft Raw Packet File(v2) (*.rawpkt)
- EthePeek Packet File(V9) (*.pkt)
- HP Uinx Nettl Packet File (*.TRCO;TRC1)
- Wireshark(Wireshark,etc.) (*.pcapng;*.pcapng.gz;*.ntar;*.ntar.gz)
- Microsoft Network Mintor 1.x,2.x (*.cap)
- Novell LANalyzer (*.tr1)
- NetXRay2.0 and Windows Sniffer (*.cap)
- Sun_Snoop (*.snoop)
- Visual Network Traffic Capture (*.cap)
- libpcap-nanosecond(Wireshark,Ethereal,Tcpdump,etc.) (*.cap;*.pcap)

Deployment

Supported Deployment Method

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

Supported network adapters

- 10/100/1000 Mbps Ethernet adapters

Supported Network Types

- 10/100/1000 Mbps Ethernet

Supported Applications

Capsa identifies 3400+ applications.

Supported Custom Protocol Type

- TCP
- UDP

Supported Packet Medium Type

- Ethernet
- 802.11
- 802.11 Radiotap
- Token Ring
- Raw IP
- Cisco HDLC
- PPP for POS
- Cisco Fabric Path (CFP)

- Service Provider Extend (SPE)
- Linux cooked capture
- Null/Loopback
- GFP (Transparent Mode)
- GFP (Frame-mapped Mode)

Supported Logs

- HTTP logs
- Diagnostic logs
- Global logs
- DNS logs
- Email logs
- FTP logs
- SSL logs
- VoIP call logs
- VoIP signaling logs

Supported Protocols

nChronos identifies 1200+ protocols and decodes 730+ 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, TPNC, 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, HBLVoE, 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 Ascot 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, PPP POS.

