

## Supported Protocols

At the time of this release, Mu Studio Security supports the following protocols:

Protocol	L2	IPv4	IPv6	Smart?	Target?	Proxy/NAT?	RFC/Standard
ARP	•				All		RFC826, STD37
BGP		•	•	•	All	•	RFC4271
BOOTP		•			All		RFC951, RFC1542
CDP		•			All		Proprietary (CSCO)
CFM	•			•	All		IEEE 802.1ag and Y.1731
CIFS		•	•		All		Proprietary (MSFT)
DHCPv4		•			All		RFC3231
DHCPv6			•		Endpoint		RFC3315
Diameter		•	•	•	All		RFC3588
DNP3		•			All		DNP3 Specification
DNS		•		•	All		RFC1034, RFC1035
FTP		•	•		All		RFC959, STD9
GRE		•	•	•	All		RFC2784, RFC2890
H.248		•		•	All	•	RFC1006, RFC3525
H.323		•		•	All	•	ITU-T Recommendations for H.323, H.225.0, H.245
HTTP		•	•	•	All	•	RFC2616
ICMPv4		•			All		RFC792, STD5
ICMPv6			•	•	All		RFC4443, RFC4884
IEC61850		•	•	•	All		IEC61850
IEEE 802.1Q	•				All		IEEE 802.1Q
IEEE 802.1X	•				All		IEEE 802.1X
IGMP		•		•	All		RFC1112 (v1), RFC2236 (v2), RFC3376 (v3)
IKEv2		•	•	•	All		RFC4306
IMAP	•	•			All		RFC1203
IPv4		•			All		RFC791, STD5
IPv6			•	•	All		RFC2460-4
ISAKMP		•	•	•	All	•	RFC2408
IS-IS	•			•	Endpoint		RFC1195, ISO8473
LACP	•			•	Endpoint		IEEE 802.1AX-2008
LDAP		•			All		RFC2589
LDP		•		•	All		RFC5036
LLDP	•				All		IEEE 802.1AB-2005 + ANSI/TIA

							1057
MGCP		•			All		RFC3435
MLD			•	•	All		RFC3810
MMS		•	•		All		ISO9506, ISO8073
MODBUS		•	•		All		Modbus Application Protocol Specification V1.1b, Modbus Messaging on TCP/IP Implementation Guide V1.1b, Object Messaging Specification for Modbus/TCP Protocol 1.1
MOUNT		•	•		All		N/A
MPLS		•	•	•	All		RFC3031-2
MSTP		•	•	•	All		IEEE 802.1s, merged into IEEE 802.1Q-2003
NFS		•	•		All		RFC1094 (v3)
NTP		•	•	•	All		RFC1305 (NTPv3), draft-ietf-ntp-ntp4-proto-13 (NTPv4)
OSPFv2		•			All		RFC2328, STD54
OSPFv3			•	•	All		RFC2740
PIM		•		•	All		RFC4601 (SM), RFC3973 (DM), RFC3569 (SSM)
POP3		•	•		All		RFC1939, STD53
Portmap		•	•		All		RFC1833
PPPoE	•				All		RFC2516
RADIUS		•	•	•	All	•	RFC2865, RFC2868 (Tunnel Attributes)
RIPng			•	•	All		RFC2080
RIPv1		•	•	•	All		RFC2453, STD56
RIPv2		•	•	•	All		RFC2453, STD56
RSTP		•	•	•	All		IEEE 802.1w
RSVP		•	•	•	All	•	RFC2205 (RSVP), RFC3209 (RSVP-TE)
RTP/RTCP		•	•	•	All	•	RFC1889 (1996), RFC3550 (2003)
RTSP		•	•	•	All		RFC2326
SCTP		•	•	•	Endpoint		RFC2960
SIP		•	•	•	All	•	RFC3261
SMTP		•	•		All		RFC2821, RFC2822
SNMP		•	•		All		RFC2570-5
SNMPTRAP		•			All		RFC1157
SSDP		•		•	All	•	UPnP Device Architecture 1.0.1
SSHv2		•	•	•	All	•	RFC4253
SSL/TLS		•	•	•	Endpoint		RFC4346 (TLSv1.1), RFC2246 (TLSv1.0)
STP		•	•	•	All		IEEE Standard 802.1d
SUNRPC	•	•			All		RFC1057

TCP		•	•	•	All	RFC793, STD7, RFC3168
TACACS+		•	•		All	RFC1.78 Draft
TELNET		•	•		All	RFC854-5, STD8
TFTP		•	•		All	RFC1350, STD33
TLSv1.2		•	•	•	Endpoint	RFC5246 (TLSv1.2)
*UDP		•	•		All	RFC768, STD6
VPLS		•		•	All	RFC4762
VRRP		•			All	RFC3768

***\*Must select UDP IPv4 Datagrams suite OR the UDP IPv6 Datagrams suite; you cannot use both suites in a single UDP test.***

<b>Related</b>
<a href="#">Smart Protocols</a>
<a href="#">Configuring Protocol Mutation Tests</a>
<a href="#">Protocol Descriptions</a>