

# Makes life easy.

Get fast, clear insight into PTP message settings and interoperability, with all field information in one place

Verify the contents of PTP message fields comply with the latest ITU-T and IEEE standards

Check captured PTP messages against a pre-defined set of rules, with clear Pass/Fail indications

Violated fields are clearly highlighted, and failures immediately accessible using the fast search keys

Pass/Fail results for the entire measurement period (up to days of data) can be viewed for complete analysis

Flexible XML rules allow full customisation of pass criteria so you can focus on what's relevant for your testing


Easily configurable field display options include number base, displayed data etc., so you can see your data your way

Direction	Packet #	Arrival Time	messageType	sourcePortIdentity	sequenceId	controlField (1)	logMessageInterval (1)	PTP Body Fields (3)
→	92	1.381892960	DEL-RESP	0xF41FC2FFFEADB6...	38253	0x3	-4	recvTstamp= 2013 312 06:21:28.811412455, req...
→	93	1.410024220	SYNC	0xF41FC2FFFEADB6...	19873	0x0	-4	origTstamp= 2013 312 06:21:28.840060336
→	94	1.440009925	SYNC	0xF41FC2FFFEADB6...	19874	0x0	-4	origTstamp= 2013 312 06:21:28.870046040
←	95	1.443874565	DEL-REQ	0x0000000000000002...	38254	0x1	127	origTstamp= 2013 312 06:21:28.873911025
→	96	1.444348360	DEL-RESP	0xF41FC2FFFEADB6...	38254	0x3	-4	recvTstamp= 2013 312 06:21:28.873912455, req...
→	97	1.470118740	SYNC	0xF41FC2FFFEADB6...	19875	0x0	-4	origTstamp= 2013 312 06:21:28.900154856
→	98	1.470274120	ANNOUNCE	0xF41FC2FFFEADB6...	28052	0x5	-3	origTstamp= 2013 312 06:21:28.899950520, cur...
→	99	1.479832005	SIGNALING	0x0000000000000002...	1224	0x5	127	tgtPortId.cId=0x40006b0010000, tgtPortId.port...
→	100	1.480273335	ANNOUNCE	0xF41FC2FFFEADB6...	28053	0x5	-3	origTstamp= 2013 312 06:21:28.910153480, cur...
→	101	1.480306015	SIGNALING	0xF41FC2FFFEADB6...	1224	0x5	127	tgtPortId.cId=0x50008b0010000, tgtPortId.port...
→	102	1.480436805	SIGNALING	0x0000000000000002...	1225	0x5	127	tgtPortId.cId=0x4000600fb0000, tgtPortId.port#...
→	103	1.480804975	SYNC	0xF41FC2FFFEADB6...	19876	0x0	-4	origTstamp= 2013 312 06:21:28.910841088
→	104	1.480812805	SIGNALING	0x0000000000000002...	1226	0x5	127	tgtPortId.cId=0x4000690fc0000, tgtPortId.port#...
→	105	1.480837960	SIGNALING	0xF41FC2FFFEADB6...	1225	0x5	127	tgtPortId.cId=0x5000800fb0000, tgtPortId.port#...
→	106	1.481139485	SIGNALING	0xF41FC2FFFEADB6...	1226	0x5	127	tgtPortId.cId=0x5000890fc0000, tgtPortId.port#...
→	107	1.502429175	SYNC	0xF41FC2FFFEADB6...	19877	0x0	-4	origTstamp= 2013 312 06:21:28.932465288
→	108	1.506374565	DEL-REQ	0x0000000000000002...	38255	0x1	127	origTstamp= 2013 312 06:21:28.936411025
→	109	1.507189375	DEL-RESP	0xF41FC2FFFEADB6...	38255	0x3	-4	recvTstamp= 2013 312 06:21:28.936412455, req...
→	110	1.530179415	SYNC	0xF41FC2FFFEADB6...	19878	0x0	-4	origTstamp= 2013 312 06:21:28.960215528
→	111	1.562131870	SYNC	0xF41FC2FFFEADB6...	19879	0x0	-4	origTstamp= 2013 312 06:21:28.992167984
→	112	1.568874565	DEL-REQ	0x0000000000000002...	38256	0x1	127	origTstamp= 2013 312 06:21:28.998911025
→	113	1.570817805	DEL-RESP	0xF41FC2FFFEADB6...	38256	0x3	-4	recvTstamp= 2013 312 06:21:28.998912455, req...
→	114	1.590147630	SYNC	0xF41FC2FFFEADB6...	19880	0x0	-4	origTstamp= 2013 312 06:21:29.020182744

Total # of Packets: 302  
 Total # of Errored Packets: 4  
 Ruleset file: 1588-2008.xml  
**Total pass rate: 98.68%**

Average message rate: SYNC: 33.79  
 DEL-RESP: 15.98  
 DEL-REQ: 16.20  
 FOLLOW-UP: 0.00  
 ANNOUNCE: 0.68  
 SIGNALING: 1.35

FAIL



- Harness the measurement power of Calnex Paragon-X to decode and view multiple PTP fields in an easy-to-use table format
- Analyze all key fields simultaneously, with individual Pass/Fail indications
- Check transmitted PTP messages for compliance with ITU-T, IEEE and user-defined standards and rules

One button generation of reports in PDF format: Pass/Fail statistics and details of failures for hassle-free reporting of the PTP configuration



Import measurement data from Calnex's Paragon-X for easy, convenient analysis