Xena RFC2544 Test

• Open up VMware, and remote console into the Xena Tester VM

(j)		🔓 Xena RFC2544 Test	ACTIONS ~
	LogicMonitorColl	Summary Monitor Configure	Permissio
	MACC System	Guest OS:	Microsoft
	🔂 Mapcom	Compatibility:	ESXi 6.5 a
	Megavision	VMware Tools	Not runnir
	MRV ProVision 1	DUGNISSI	More info
	Noction IRP	Powered On IP Addresses:	
	NTP Server	Host:	10.5.1.3
	DoremDC Test PC	Launch Remote Console	
		VALLanduran	
		VM hardware	
	Private TETP	> CPU	1 CPU(s)
	PRTG	> Manager	
	RADIUS Server	Memory	4 GB, C
	Radius2	> Hard disk 1	80 GB
	Sales MACC	> Network adapter 1	10.0.18.x (
	SIP SERVER RES		
	Software Develo	> Network adapter 2	10.0.0.x V
	Speedtest VM	CD/DVD drive 1	Disconnec
	TACACS Server	Element deitre 1	Disconnes
		Floppy drive 1	Disconnec
	uadmin2-as1	> Video card	8 MB
	uadmin2-db1-pri	VMCI device	Device on
	uadmin2-db1-sec		support fo
	🖞 uadmin2-db2-pri		
	🖞 uadmin2-db2-se	> Other	Additional
	🔓 uadmin2-qs1	Compatibility	ESXi 6.5 a
	🔂 Ubiquiti CRM		(upgrade
	🕞 Unifi Controller	Edit Settings	
	Unifi Internal ca	Lot octango	
	Unifi Video Serv	Related Objects	
	UnifiOrem		
	UNMS GPON UB	Cluster	Main .
		Host	10.51
	WWware Horizo	Networks	A 10.0.0
	Windows10Cloner		₿ 10.0.18
	Windows2008St	Storage	FSDat
	Xena RFC2544 T		

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• Select the Xena2544 executable on the desktop



• Load the "Basic_100M_Throughput_VL888" File

Xena2544 v2.44 - <no name=""></no>							
K Load Configuration						— ×	
🔾 🗸 😺 🗸 Users	Adm	in 🕨 My Documents 🕨 Xena 🕨 Xena2	544-2G 🕨 👻	Search Xena2544-	-2G	۶	2
Organize 👻 New fo	lder			8==	-		- III
☆ Favorites	N	ame	Date modified	Туре	Size		
🧮 Desktop		Logs	12/12/2017 9:05 AM	File folder			
🚺 Downloads		Profiles	12/12/2017 9:05 AM	File folder			
🖳 Recent Places		Reports	8/19/2019 11:04 AM	File folder			
:		Settings	8/19/2019 10:20 AM	File folder			
🥽 Libraries		Basic_10M_Throughput_VL888	12/12/2017 9:16 AM	Xena2544.exe conf		17 KB	
Documents		Basic_100W_Inroughput_MPL9_V01080	1/17/2018 5:27 PM	Xena2544.exe conf		17 KB	
🌙 Music		Basic_100M_Throughput_VL888	8/19/2019 9:14 AM	Xena2544.exe conf		20 KB	
Pictures							
Videos							ft
🖳 Computer							he
							or
🙀 Network	•						rc
File	name:			Config. files		•	m
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				Open 🔻	Ci	ancel	e
							-11

• Check to make sure "Port 0" is connected



• Select the Test Configuration tab, and make sure the Custom sizes are set



 Select the Test Types Configuration tab, then select throughput test in the menu to change the duration of the test, and the rate(Based off % the 10G link for the Xena tester. I.E - .1% = 10Mb)

ancel 🛛 🛃 Exit					
🕕 Start Page 🛛 🍓 Test Configurat	ion 🛛 🐴 Selected Ports	🤿 Multi-Stream Configu	ration 📋 Protocol 🤅	Segment Profiles	📑 Reporting Options
Topology and Frame Content Test Execution	on Control Test Types Con	figuration			
Avrilste rests Throughput Test Latency and Jitter Test Frame Loss Rate Test Back-to-Back Test	Throughput Test Option common Options Duration Type: Duration: Iterations:	Seconds 60 seconds 1	Pass Criteria Use Pass Threshold: Pass Threshold: Acceptable Loss:	7.500 ÷	percent
	Rate Iteration Options Initial Rate: Minimum Rate: Maximum Rate: Resolution Rate: Rate Result Scope: Enable Fast Search:	0.100 percent 0.100 percent 0.100 percent 0.100 percent Common Result	Test Data Collect Latency/Jitter:		

• Select the Selected Ports tab, click on P-0-0-0, Change the Remote Loop MAC Address (This should be the MAC of the Device being tested to.)

Port Name	A Port Groun	p Port Peer	Port Speed	Lat.Off	IP Address	Prefix	Gateway Address	Protocol Segment Pro
P-0-0-0 (SEP+ SR 850 nm)	Fast	- Loop	<pre>stixed></pre>	0	0000	24	0000	2: Ethernet / VLAN (8
6			m	J				
2 Select All Ports □ Deselect	All Ports 🤗 R	Remove Port(s)	m	1				Selected Por
Select All Ports □ Deselect Main Port Properties Address Pro External Address Properties	All Ports i i construction Reporting in the second	Remove Port(s)		J				Selected Por
Select All Ports Deselect Main Port Properties Address Properties Public IP Address:	All Ports i i i i i i i i i i i i i i i i i i i	Remove Port(s)		1				Selected Por
Select All Ports Deselect Main Port Properties Address Pro External Address Properties Public IP Address: Public IP Prefix:	All Ports 👄 R	Remove Port(s)						Selected Po

• Select the Reporting Options Tab, and change the Customer Name for the report that will be generated.

ancel 🔄 Exit				\frown
🕕 Start Page 🛛 🥵 Test Configurati	ion 🛛 🚳 Selected Ports	I Multi-Stream Configuration	Protocol Segment Profiles	Reporting Options
Report Identification				
Customer Name: Apcela/CFN-DELT.	A			
Customer Service ID:				
Customer Access ID:				
Comments: Report Generation Options		Report Formats	ot	
Report Naming Report Filename Prefix:	xena2544-report	Generate XML Rep	port	
Append Timestamp to Filename:	V	Generate CSV Rep	ort	
Report Content			te Results	
Packets/Frames Terminology:	Frames -			
Include Detailed Port Information in Report:				
Include Stream Information in Report:				
Include Charts in Report:				
Throughput Unit for Charts:	Frames/s			

- Configure the network to the device. (Can NOT have more than one path set up on VLAN 888. It can only be configured to one device or it will fail)
- On the MRV device use the following provision config:

service RFC2544-888 node-type vlan-based e-nni s-vlan 888 c-vlans 888 s-ports 6 c-ports 3 loopback reflect enable

• Press Start on the Xena tester

