

# WHAT'S NEW

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## Xena Networks L47 Release Note - Release 82

<b>Release Date:</b>	<b>March, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 3.8
	VulcanManager: 2.2.16.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 3.5

### Release Summary

This release improves license handling. Instead of implicitly handling port speeds license assignment, it is more clearly expressed, which port speed a given assigned license supports. Also, UI to show Available licenses as well as were they are used has been added.

#### Features:

- New license UI and logic.
- Improved change management IP address flow.
- Improved change chassis password flow.
- PCAP capture default capture size changed from small to full, since full capture is most used scenario.
- Port packet engine assignment moved to Port view.

#### Bug fixes:

- #3117, PDF report values for min, max and avg throughput numbers.
- #3617, UDP custom payload not fragmentated correctly.
- #3586, Fails when creating test project, when path to user directory cannot be found.
- UDP only replay 'TCP hang up', removed when not running with connection rebirth.
- 'Enable VLAN offload' removed, it is now implicitly set when enabling PCAP capture, otherwise off.
- Crash when loading chart directly after test run.
- Test configuration, part of the test configuration tree can disappear after tree collapse.

## Xena Networks L47 Release Note – Release 81.2

<b>Release Date:</b>	<b>January, 2018</b>	
Software/Firmware Versions	<b>Layer 4-7 Systems</b>	
	XenaL47Server:	3.7
	VulcanManager:	2.1.23.0
	<b>Common Tools</b>	
	XenaChassisUpgrader:	3.5

### Release Summary

#### *Features:*

Removed TCP hang up on UDP only replays.

#### *Bug fixes:*

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## Xena Networks L47 Release Note – Release 81.1

<b>Release Date:</b>	<b>January, 2018</b>		
Software/Firmware Versions	<b>Layer 4-7 Systems</b>		
	XenaL47Server:		3.6
	VulcanManager:		2.1.23.0
	<b>Common Tools</b>		
	XenaChassisUpgrader:		3.5

### Release Summary

#### *Features:*

#### *Bug fixes:*

- Unable to checkout a license for port speeds above port capabilities of selected port.

## Xena Networks L47 Release Note – Release 81

<b>Release Date:</b>	<b>November, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 3.6
	VulcanManager: 2.1.22.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 3.5

### Release Summary

This release contains major update to the TLS functionality including new cipher suites, support for earlier protocols SSL 3.0, TLS 1.0, TLS 1.1 to supplement TLS 1.2 and we added the TLS extension for server name indication.

#### *Features:*

- Support for TLS 1.0, TLS 1.2 and SSL 3.0
- New TLS cipher suites.
- Support for TLS extension; Server Name Indication (SNI)
- Statistics for steady period of the test. Suitable for throughput measurements.
- Added even more statistics to the 'Statistics and Reporting' section/

#### *Bug fixes:*

- Option to change the default TCP destination on the envelope TCP connection added to UDP only applications.
- When collapsing folder views, folder tree could disappear.
- Several minor stability and UI issues.

## Xena Networks L47 Release Note – Release 80.2

<b>Release Date:</b>	<b>October, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 3.3
	VulcanManager: 2.0.8.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 3.5

### Release Summary

#### *Bug fixes:*

- Option to change the default TCP destination on the envelope TCP connection added to UDP only applications.

## Xena Networks L47 Release Note – Release 79

<b>Release Date:</b>	<b>September, 2018</b>		
Software/Firmware Versions	<b>Layer 4-7 Systems</b>		
	XenaL47Server:		3.1
	XenaConnect:		1.22.18.0
	<b>Common Tools</b>		
	XenaChassisUpgrader:		3.2

### Release Summary

Among the highlights of this release is a new payload editor with improved support for HTTP payload and improved usability when configuring source and destination NAT topologies. In the report section the ‘Default’ set of counters has been improved with focus on making it easier to troubleshoot performance issues.

#### \*Notice\*

This release requires Microsoft .NET version 4.7.1 which was released as mandatory update January 2018 on Windows 7 and above as well as Windows Server 2012 R2.

#### *New features:*

- Payload editor with improved support for HTTP payload.
- Source – destination NAT configuration on subnets.
- TCP efficiency, and UDP packet loss counters in report section.
- Layer 1 throughput and Layer 5-7 goodput steady phase Avg, Min and Max counters.

#### *Bug fixes:*

- Several minor fixes in UI terminology and general performance and stability improvements.

## Xena Networks L47 Release Note – Release 78.1

<b>Release Date:</b>	<b>August, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 3.0
	XenaConnect: 1.21.20.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 3.2

### Release Summary

This release is a service pack for Release 78.

#### *Bug fixes:*

- Running test with oversubscribed subnets have unpredictable behavior. Testcase is now validated and test start is prevented.
- Pressing 'Stop', 'Reset' could cause application crash.
- If chassis resource configuration fails, test is halted.
- No scenario report view, when running with multiple AppMix's.
- Improved stability when test configuration are stored on mapped networks drives, virtual desktops, online only (OneDrive) folders.





## Xena Networks L47 Release Note – Release 78

<b>Release Date:</b>	<b>June, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 3.0
	XenaConnect: 1.21.16.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 3.2

### Release Summary

This release introduces a new licensing model.

#### *New features:*

- Introduces a new licensing model. Please refer to the Xena website for additional information:  
<https://xenanetworks.com/buy/software-licenses/>

#### *Bug fixes:*

- Adding removing live charts, stops all counters being updated.

## Xena Networks L47 Release Note – Release 77

<b>Release Date:</b>	<b>May, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 2.23
	XenaConnect: 1.20.18.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 2.8

### Release Summary

This release introduces retention of test results. It is now possible to open old test results, browse statistics and generate reports.

#### *New features:*

- Test result retention, browse statistics and create reports from saved test results.
- TLS custom server certificate.
- Custom source port range for Play, Replay scenarios.

#### *Bug fixes:*

- Play and Replay scenarios with UDP, UDP stat doesn't show up in live stat view.
- Scenarios sharing same source port range.
- Several minor stability improvements and UI enhancements.

## Xena Networks L47 Release Note – Release 76.1

<b>Release Date:</b>	<b>February, 2018</b>
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>
	XenaL47Server: 2.22
	XenaConnect: 1.19.35.0
	<b>Common Tools</b>
	XenaChassisUpgrader: 2.8

### Release Summary

This release introduces support new port speeds 25G, 5G and 2.5G. In XenaConnect the data collection logic has been redesigned to support long running test sessions of up to 240H. The reporting features has been improved with summary views and a new pdf report layout.

#### *New features:*

- In reporting section, new statistics tree with multi series charts.
- Control statistics UI update rate and statistics storage rate.  
The UI update rate is independently controlled, allowing a vivid UI also when running long test sessions that requires lots of statistics to be stored. The rate at which statistics are stored are determined depending on the test duration.
- Better support for long running tests.  
Automatically limit the statistics sampling to storage rate, quicker chart load and report generation.
- Reporting.  
New summary views for Testcase, Scenarios and Ports.  
New pdf report layout, with charts, pie charts.
- Regional Settings.  
Under 'Options'; Regional settings set by Windows can be overridden to change number formatting.

#### *Bug fixes:*

- Chassis response not correctly mapped back to request, could stop statistic collection.
- Test duration UI fields not support +24h values.
- Assignment of Packet Engines could sometimes be messed up.
- Live charts not responsive for large data sets.
- When opening test configuration, if it was not correctly parsed XenaConnect crashed.
- Selected charts to be included in report was removed if tree was collapsed.
- Several minor stability improvements and UI enhancements.

## Xena Networks L47 Release Note – Release 75.2

<b>Release Date:</b>	<b>January, 2018</b>	
<b>Software/Firmware Versions</b>	<b>Layer 4-7 Systems</b>	
	XenaL47Server:	2.20
	XenaConnect:	1.18.36.0
	<b>Common Tools</b>	
	XenaChassisUpgrader:	2.8

## Release Summary

Incremental update to release 75.

### *New features:*

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### *Bug fixes:*

- XenaAppliance L47 module not available together with L23 module.

## Xena Networks L47 Release Note – Release 75.1

<b>Release Date:</b>	<b>December 5-th, 2017</b>		
Software/Firmware Versions	<b>Layer 4-7 Systems</b>		
	XenaL47Server:		2.19
	XenaConnect:		1.18.36.0
	<b>Common Tools</b>		
	XenaChassisUpgrader:		2.8

### Release Summary

Incremental update to release 75.

#### *New features:*

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#### *Bug fixes:*

- Loading a saved configuration with AppMix, can cause application crash.
- TLS, fix for server end 'Send Close Notify'.
- TLS, incorrect name of cipher suite (00,9f).

## Xena Networks L47 Release Note – Release 75.0

<b>Release Date:</b>	<b>November 24-th, 2017</b>		
Software/Firmware Versions	<b>Layer 4-7 Systems</b>		
	XenaL47Server:		2.18
	XenaConnect:		1.18.31.0
	<b>Common Tools</b>		
	XenaChassisUpgrader:		2.8

### Release Summary

#### *New features:*

- TLS 1.2 support for native scenarios; 'None', 'Raw' and 'Transaction'.
- Improved live chart performance.
- Reduced memory usage storing statistics.
- Minor UI refreshments.
- Verbose 'Comm' logging option removed from 'Options'.
- New Icons.
- TCP Window scaling enabled as default.

#### *Bug fixes:*

- Fixed memory leak when running tests, after chassis being reconnected.
- Fixed application crash when browsing for test statistics, that is collected after test run, when test is running.
- Several minor bug fixes and UI cleanups.

