

Valkyrie2889 Test Report

Test Summary

Test company: Xena Networks
Customer: GSI TOS
Test Date and Time: 2024-02-22, 15:53
Test Duration: 01:55:23 (h:m:s)
Generated By: Valkyrie2889 v1.41, running on 'Microsoft Windows 10 Enterprise'
Comments: FBAS unicast (1% overall test port rate):
- host: aconbg027
- chassis: Xenabay (140.181.139.228)
DM broadcast:
- message rate= 2,5 Kmsg/s
- frame size = 1 msg/frame
DUT:
- WRS: backplane v3.30, scb v3.4, Creotech
- name: nwt0297
- fw: v6.1
- dot-config: access

Test Setup

Test Configuration

Subtest Selection

Rate Test: Full Mesh Disabled
Rate Test: Part.Mesh, 1:N Enabled
- Throughput Enabled
- Forwarding Disabled

Rate Test: Part.Mesh, N->N Disabled
Congestion Control: Disabled
Forward Pressure: Disabled
Maximum Forwarding Rate: Disabled
Address Caching Capacity: Disabled
Address Learning Rate: Disabled
Errored Frames Filtering: Disabled
Broadcast Forwarding: Disabled

Test Options

Packet Sizes Used: 90,134,222,398,574,750
Rate Type: Fraction
Fraction per Port: 1,00%
Latency Measurement Mode: Last-To-Last
Toggle Port Sync States: Yes

Traffic Configuration

Used Chassis

Chassis ID	Chassis Name	Address
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C-0	xenatos	140.181.139.228:22606
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Used Ports

Port ID	Interface Type	Speed	IP Address & Gateway	Protocol Segment Profile
P-0-0-0	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-0-1	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-0-2	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-0-3	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-0-4	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-0-5	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-2-0	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-2-1	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-2-2	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-2-3	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-2-4	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-2-5	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-4-0	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-4-1	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-4-2	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-4-3	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-4-4	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet
P-0-4-5	SFP-O LR 1310 nm	AUTO	No address specified	1: Ethernet

Rate Test: Part.Mesh, 1:N Results

Test Setup

Duration: 60 seconds
Iteration: 1
Topology: Blocks
Direction: West-to-East

Throughput Options

Initial Rate: 50,00%
Maximum Rate: 100,00%
Minimum Rate: 0,01%
Resolution: 0,01%

Used Ports

Port ID	Port Role
P-0-2-1	West
P-0-2-2	East
P-0-0-0	West
P-0-2-4	West
P-0-2-3	West
P-0-2-5	West
P-0-4-0	West
P-0-4-1	West
P-0-4-2	West
P-0-4-3	West
P-0-4-4	West
P-0-4-5	West
P-0-0-2	West
P-0-0-3	West
P-0-0-1	West
P-0-0-4	West
P-0-0-5	West

Throughput Test Results

Frame Size	90	134	222	398	574	750
Result State	PASS	PASS	PASS	PASS	PASS	PASS
Iter. #	1	1	1	1	1	1
Tx Rate (Percent)	15,755 %	1,151 %	81,802 %	25,74 %	69,012 %	11,386 %
Tx Rate (L1) (Bit/s)	25,21 M	1,84 M	130,88 M	41,18 M	110,42 M	18,22 M
Tx Rate (Fps)	28.645	1.495	67.605	12.316	23.236	2.957
Rx Rate (Percent)	15,75 %	1,15 %	81,8 %	25,74 %	69,01 %	11,39 %
Rx Rate (L1) (Bit/s)	25,21 M	1,84 M	130,88 M	41,18 M	110,42 M	18,22 M
Rx Rate (Fps)	28,64 K	1,49 K	67,61 K	12,32 K	23,24 K	2,96 K
Loss Rate (Percent)	0 %	0 %	0 %	0 %	0 %	0 %
Loss (Frames)	0	0	0	0	0	0
P-0-0-0						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-0-1						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0

P-0-0-2						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-0-3						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-0-4						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-0-5						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-2-1						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-2-2						
- Tx (Frames)	0	0	0	0	0	0
- Tx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Tx Rate (Fps)	0	0	0	0	0	0
- Rx (Frames)	1.718.688	89.696	4.056.304	738.944	1.394.176	177.440
- Rx Rate (L1) (Bit/s)	25,21 M	1,84 M	130,88 M	41,18 M	110,42 M	18,22 M
- Rx Rate (Fps)	28.645	1.495	67.605	12.316	23.236	2.957
- Flood Count (Frames)	169.140	169.118	169.076	167.918	169.254	169.244
P-0-2-3						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-2-4						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-2-5						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0

- Flood Count (Frames)	0	0	0	0	0	0
P-0-4-0						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-4-1						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-4-2						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
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- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-4-3						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
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- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-4-4						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
- Tx Rate (Fps)	1.790	93	4.225	770	1.452	185
- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0
P-0-4-5						
- Tx (Frames)	107.418	5.606	253.519	46.184	87.136	11.090
- Tx Rate (L1) (Bit/s)	1,58 M	115,11 K	8,18 M	2,57 M	6,9 M	1,14 M
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- Rx (Frames)	0	0	0	0	0	0
- Rx Rate (L1) (Bit/s)	0	0	0	0	0	0
- Rx Rate (Fps)	0	0	0	0	0	0
- Flood Count (Frames)	0	0	0	0	0	0

