

Valkyrie2889 Test Report

Test Summary

Test company: Xena Networks
Customer: GSI TOS
Test Date and Time: 2023-10-23, 19:58
Test Duration: 00:10:27 (h:m:s)
Generated By: Valkyrie2889 v1.40, running on 'Microsoft Windows 8.1 Enterprise Evaluation'
Comments: Partial test
- host: acopc061 (VB guest Win81)
- chassis: Xenabay (140.181.139.228)
- configuration: https://github.com/GSI-CS-CO/network_testing

DUT
- WRS: backplane v3.30, scb v3.4, Creotech
- name: nwt0297
- fw: v6.1
- dot-config: default

Test Setup

Test Configuration

Subtest Selection

Rate Test: Full Mesh Disabled
Rate Test: Part.Mesh, 1:N Disabled
Rate Test: Part.Mesh, N->N Disabled
Congestion Control: Disabled
Forward Pressure: Disabled
Maximum Forwarding Rate: Disabled
Address Caching Capacity: Enabled
Address Learning Rate: Disabled
Errored Frames Filtering: Disabled
Broadcast Forwarding: Disabled

Test Options

Packet Sizes Used: 512
Rate Type: Fraction
Fraction per Port: 100.00%
Latency Measurement Mode: Last-To-Last
Toggle Port Sync States: Yes

Traffic Configuration

Used Chassis

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

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

Address Caching Capacity Results

Test Setup

Iteration: 1
Test Port Address Mode: Use Port Native MAC
Learn Port DMAC Mode: Use Test Port MAC
Learn Port Base Address: 02:F4:BC

Address Initial Count: 100
Address Maximum Count: 2,048
Address Minimum Count: 100
Address Resolution: 200

Learning Rate: 20 Fps
Toggle Port Sync State: No
Sync. State Off Duration: 1 seconds
Delay After Sync On: 0 seconds
Switch Test Ports: Yes
DUT Aging Time: 350 seconds

Port ID	Port Role
P-0-2-0	Test Port
P-0-2-1	Learning Port
P-0-2-2	Monitoring Port

Test Results

Frame Size	512
Result State	PASS
Iter. #	1
Duration (Seconds)	73
Address Count	1,439
TestPort Tx (Frames)	1,439
TestPort Rx (Frames)	0
LearnPort Rx (Frames)	1,439
MonPort Rx (Frames)	0