

# Valkyrie2889 Test Report

## Test Summary

Test company: Xena Networks  
Customer: GSI TOS  
Test Date and Time: 2023-10-23, 19:44  
Test Duration: 01:23:32 (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](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: No  
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	FAIL
Iter. #	1
Duration (Seconds)	55
Address Count	1,074
TestPort Tx (Frames)	21
TestPort Rx (Frames)	0
LearnPort Rx (Frames)	21
MonPort Rx (Frames)	21

Note: One or more of the tests did not pass the test criteria!