The New Web Switching

Bob Supnik
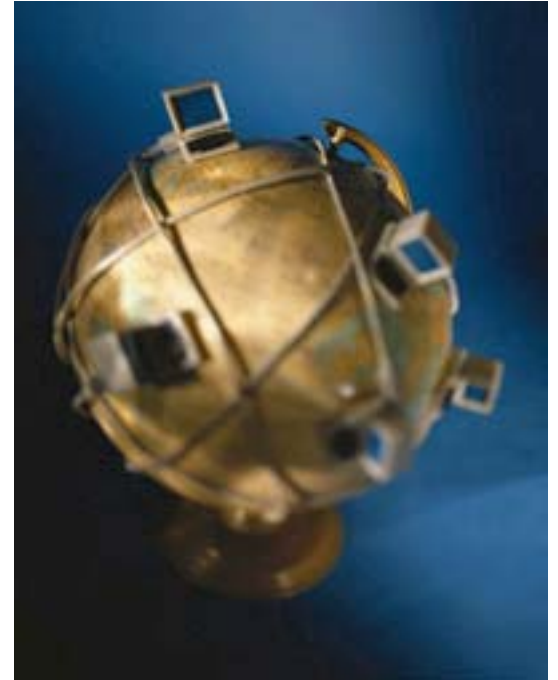
Chief Technical Officer
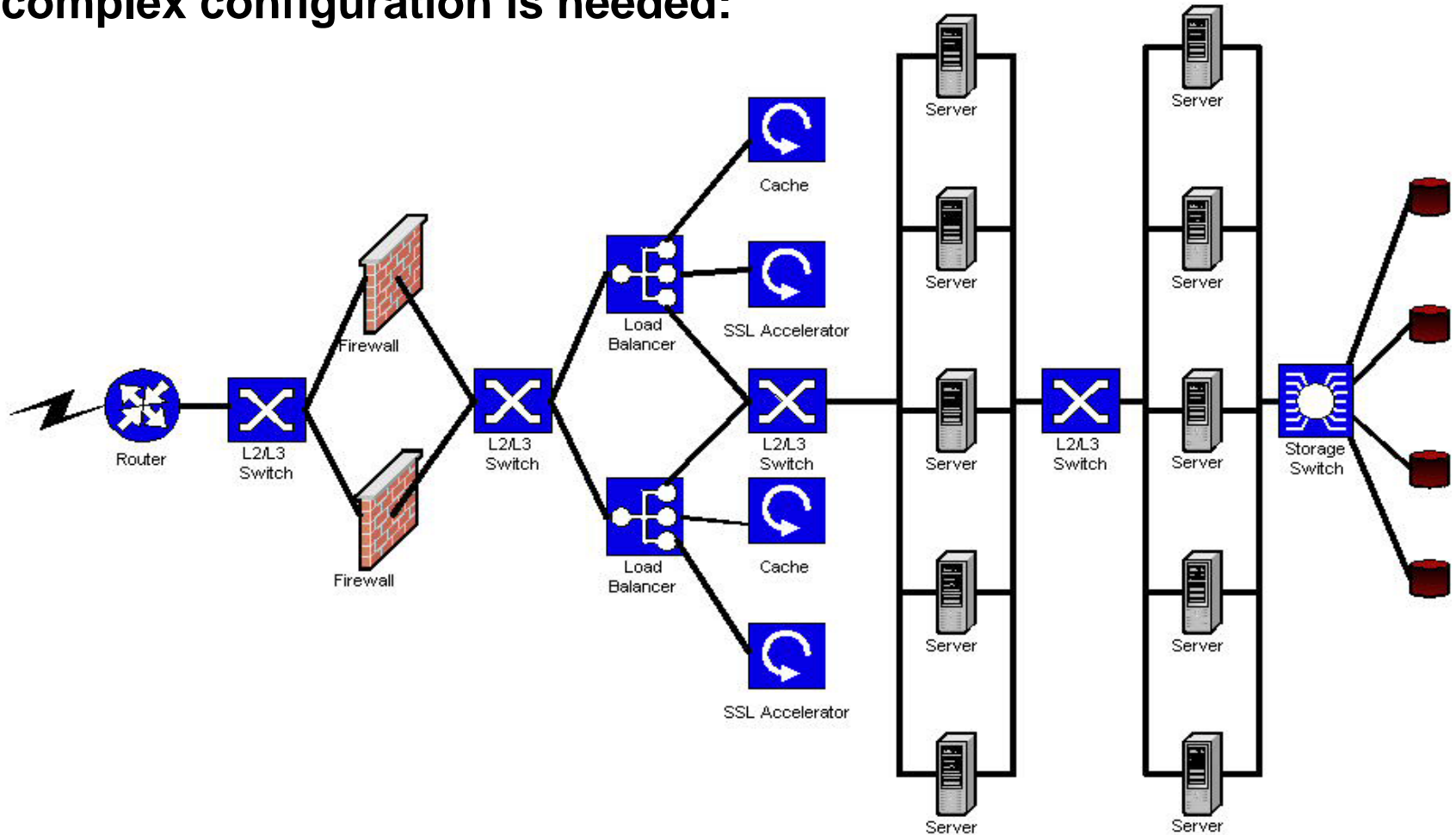
Nauticus Networks

September 13, 2001

nauticus

Today's Critical Network Services

- Load balancing
  - For servers, caches, firewalls, IDS
- Firewall
- SSL acceleration
- VPN
- Intrusion Detection Systems (IDS)
- Caching
  - For flash crowd protection, static content offload

Problem: Delivering These Services In An Effective Manner

**A complex configuration is needed:**

However, It Still Doesn't Meet Today's Data Center Requirements

- 500 – 1000 Mbps average bandwidth
- Complex policy sets
  - Switch based on URL, header, cookie, or content
  - Thousands of policies
- Wire-speed
  - policy evaluation and decision making
  - SSL capability
  - flash crowd protection (caching)
- State of the art security protection
- 99.999% availability

Emerging Requirements "Raise The Bar" On The Problem

- Deep content switching
  - Cookie based, packet content based, within persistent connections
- TCP consolidation and acceleration
  - Session consolidation, traffic shaping
- TCP offload
- Protocol, media, content transformation
  - iSCSI/SCSI, GigE/Infiniband, HTML/WAP …
- Multiple customers per switching complex
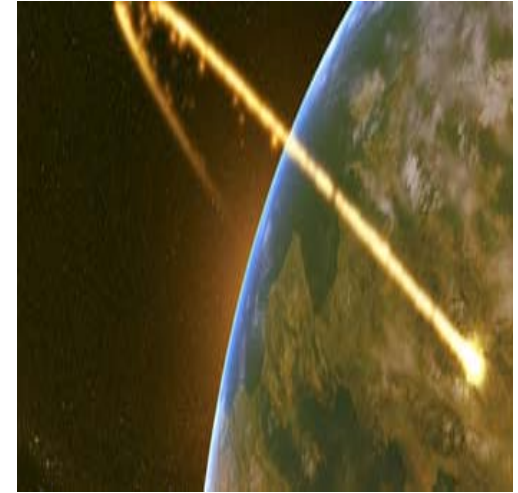
What To Look For In Web Switching. . .

- High performance and high function
- Cost effective enabler of services
- 99.999% reliability
- Fully redundant
- Market leading price/performance
- Simplicity of deployment, management, expansion, and troubleshooting
- Top notch customer service and training

New keyword Search

SEARCH RESULTS :

1 - 10 of 139,633 Matches   Nex
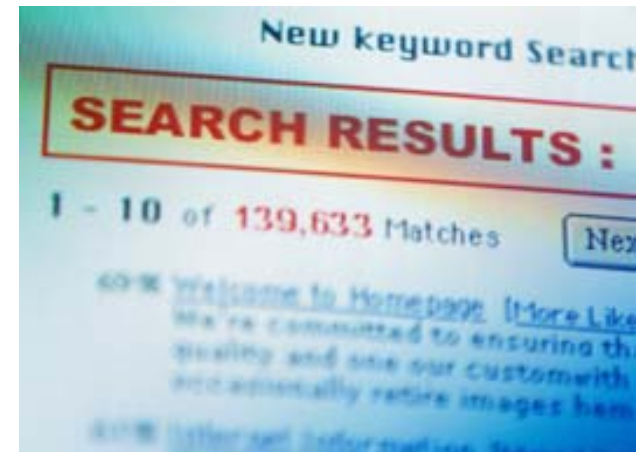
Thank You

Contact Information

Mr. Bob Supnik

CTO, Nauticus Networks

Phone: 508-270-0500

bsupnik@nauticusnet.com