



IEEE 802 Plenary Session

Hyatt Regency Dallas at Reunion, Dallas, TX

Mid-Session Network Services Report

November 12, 2008

Summary

VeriLAN Event Services, Inc. (VeriLAN) is providing comprehensive network services for the IEEE 802 November 2008 Plenary meeting at the Hyatt Regency Dallas at Reunion located in Dallas, TX. We are pleased to report that after mitigating hardware related issues with IEEE servers, the network is stable and supporting in excess of 1200 wireless clients.

Issue: The Newton and Griffin servers (which our monitoring tools live on) went off-line Monday. All log messages stopped and the servers were unresponsive on console.

Resolution: Servers were rebooted and brought back online. On-site server modifications made on Sunday night were reversed. The Newton & Griffin servers will be rebuilt after this session and redundant servers will be loaded into the IEEE rack.

The VeriLAN Network Help Desk is providing support for all attendees during scheduled meeting hours. All Help Desk support requests were addressed and fully resolved by VeriLAN staff.

The property is fed by a 45Mbps symmetrical DS3 connection to the Internet. We were given unrestricted access to the bandwidth, which is shared with the guest rooms and administrative offices. The shared Internet bandwidth was provided at no charge to IEEE guest rooms over the hotel's wired and wireless network. Network traffic statistics are shown in Figure 1. Internet usage for the last 24 hour period is shown in Figure 2. Internet usage for the last seven days is shown in Figure 3. Internet usage for the last twelve months is shown in Figure 4.



Interface	Period	Direction	Current rate	Hour	Day	Week	Month
LAN-SECURE (3)	Current	In	139.5 Kbits/s	21.3 MB	50.6 MB	721.6 MB	739.0 MB
		Out	210.7 Kbits/s	141.1 MB	293.7 MB	3.6 GB	3.9 GB
	Previous	In		18.2 MB	406.6 MB	17.3 MB	0.0 KB
		Out		114.0 MB	1.5 GB	264.8 MB	0.0 KB
Manage	Current	In	17.9 Kbits/s	28.8 MB	77.7 MB	4.2 GB	4.4 GB
		Out	103.9 Kbits/s	240.6 MB	1.3 GB	18.3 GB	25.1 GB
	Previous	In		20.6 MB	1.4 GB	277.4 MB	0.0 KB
		Out		254.4 MB	3.8 GB	6.8 GB	0.0 KB
OPEN	Current	In	6.5 Mbits/s	1.7 GB	3.8 GB	58.3 GB	58.4 GB
		Out	29.3 Mbits/s	9.4 GB	21.1 GB	247.5 GB	248.1 GB
	Previous	In		1.7 GB	31.3 GB	155.2 MB	0.0 KB
		Out		9.1 GB	125.8 GB	638.0 MB	0.0 KB
WAN	Current	In	29.6 Mbits/s	9.8 GB	22.8 GB	269.7 GB	277.4 GB
		Out	6.6 Mbits/s	1.8 GB	3.9 GB	62.7 GB	63.1 GB
	Previous	In		9.4 GB	131.4 GB	7.6 GB	0.0 KB
		Out		1.7 GB	32.9 GB	428.9 MB	0.0 KB

Figure 1. Internet Traffic Statistics

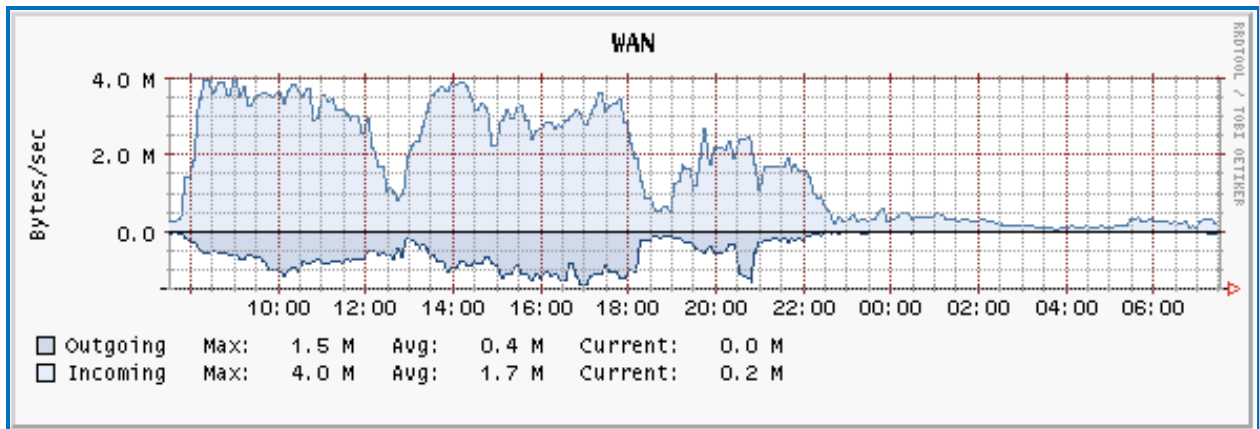


Figure 2. Internet Usage: past 24 hours (EST)

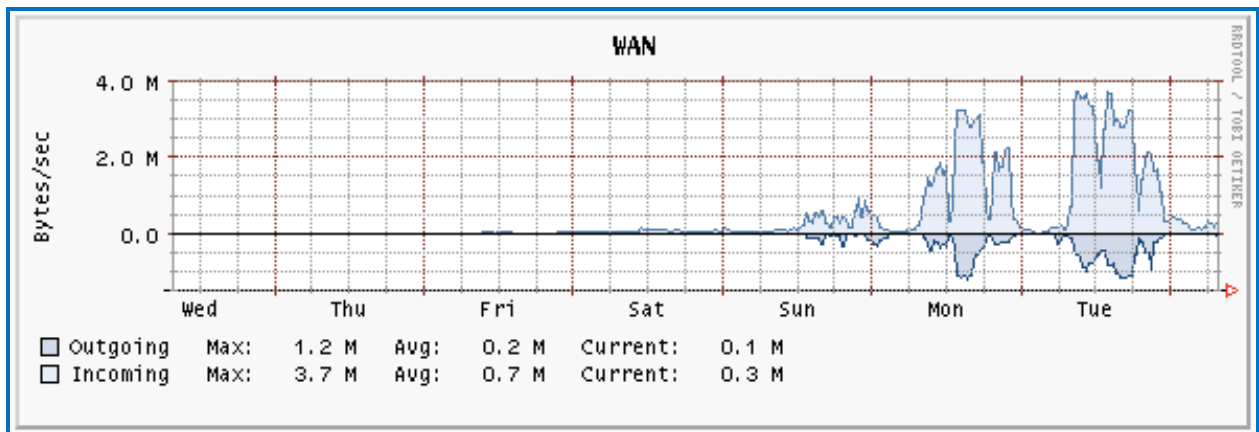


Figure 3. Internet Usage: past 7 days

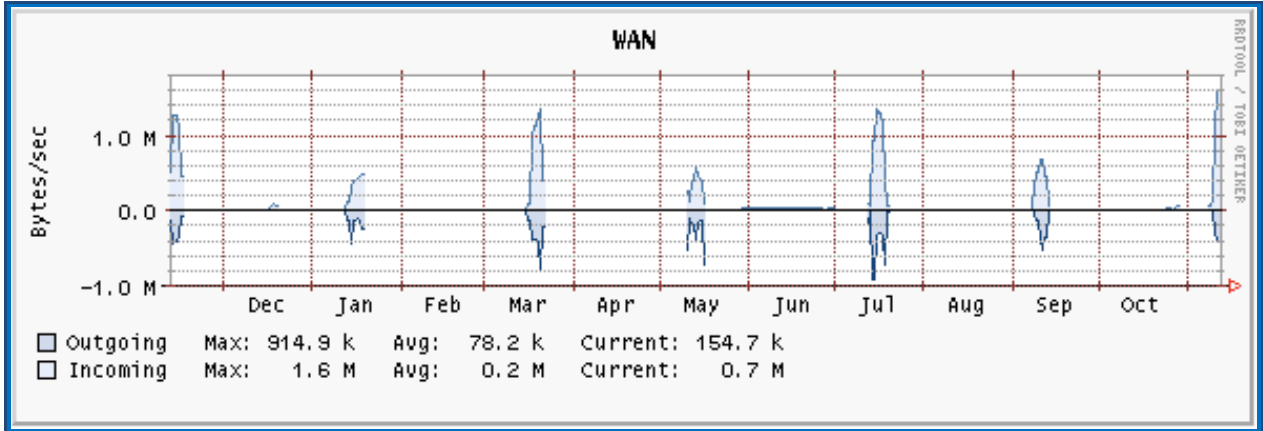


Figure 4. Internet Usage: past 12 months

Network Deployment & Coverage

VeriLAN deployed 75 enterprise grade tri-modal IEEE 802.11a/b/g wireless access points throughout the Hyatt Regency Dallas at Reunion to provide coverage for all meeting spaces. Target association density was 40 clients per WAP. VeriLAN is providing both Open and Secure (802.1x) networks to registered attendees. Figure 5 illustrates the location of the WAP deployments.

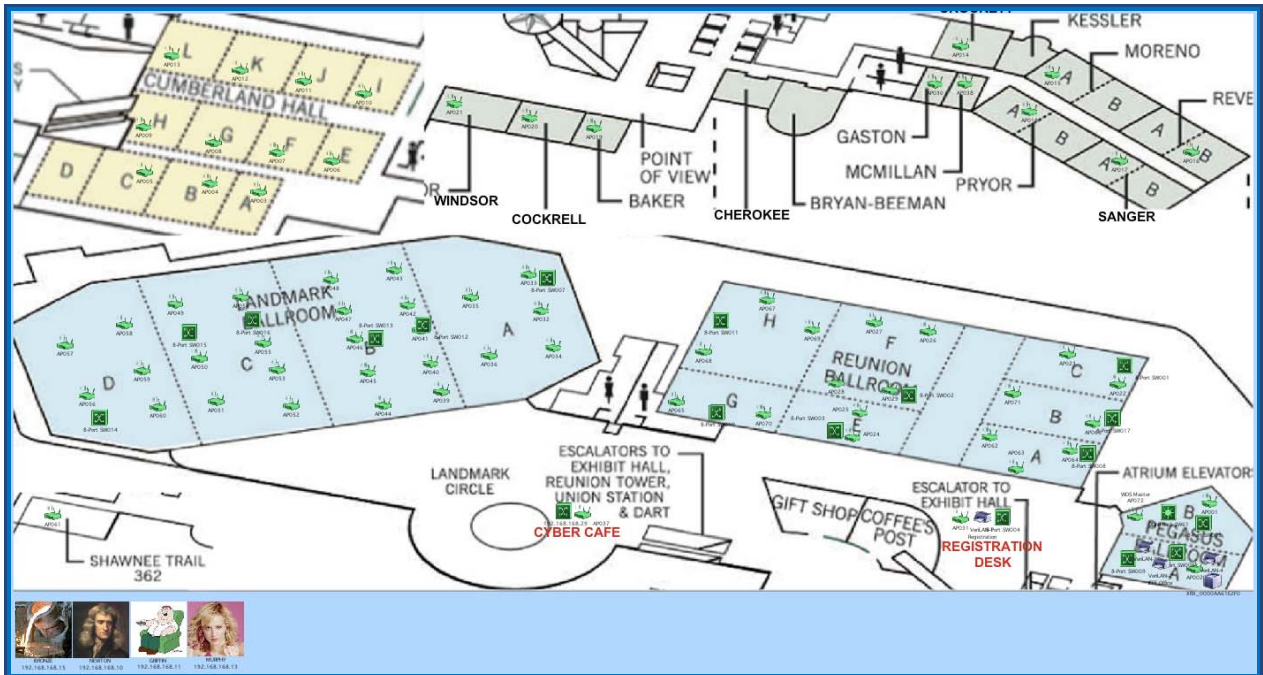


Figure 5. Wireless Access Point Deployment Plan