Welcome to the NYExUG June Meeting

- ***June 10 Meeting*** *– Technical Differences between Exch 2003 & 2007 (by Keith McCall of Azaleos) and Ecosystem Differences between Exch 03 & 07 (by Ben Serebin of REEF Solutions)*

- ***July 8 Meeting*** *– Exchange MVP since 2001 [Tom Arnold] Presents Vendor (AppAssure) Demo of backup/DR/near HA solution that natively writes to virtualization image. Do NOT miss this meeting!!!*

- ***August 12 Meeting*** *– Vendor demo of SAN solution for Exchange (LeftHand Networks)*

- ***New Website Hosting*** *– migrated to another IIS / SQL solution that we control our domain name. Yeah!*

- ***New Raffle Opportunities*** *(for each new member's first meeting, get an additional raffle ticket)*

Presented June 10, 2008 at NYExUG Meeting

Exchange Ecosystem Differences between Exchange 2003 & 2007

Ecosystem meaning hardware, software [anything outside of the Exchange application], and you.

Ben Serebin
Ehlo & Network Consultant
REEF Solutions
ben a t reefsolutions . c o m
**If you can't get enough Exchange & technology
read my blog http://ehlotech.blogspot.com**

About Ben Serebin

- *Working in the IT sector since 1996*
- *Specialty is Exchange Server, Spam Filtering, and Wireless (802.11x)*
- *Current Project Q2-3 08: setting up ESx for production performance testing of Exchange 2007 and recovery testing environment.*
- *Runs own Exchange 2003 Server, Blackberry Exchange Server, and had run Good Mobile Messaging Server.*

On Memory Lane. Upgrades from our 5.5 Days to now…

- *5.5 to 2000, major deal. New server required, NT Domains to Active Directory. New Admin interface, many changes.*

- *2000 to 2003, no brainer. Junk E-mail, RPC over HTTPS, IIS 6 secure, Increased AD functionality (storage & mail enabled groups).*

- *2003 to 2007, huge deal. New server(s) required, requires 64 bit operating system change, new server roles, new admin interface, 2 part user creation, scripting pushed.*

- *There are many great things about Exchange 2007, but vendors support of it has been lukewarm at best.*

- *Make sure you determine your planned Exchange architecture (e.g. Mailbox Server, Client Access, Hub Transport, Edge Transport, and Unified Messaging) before proceeding to review hardware (64 bit, OS 2008) and software compatibility (Exch 2007, Exch 2007 SP1).*

Decision Made, then Hardware Quick Tips

- *Decision to new-grade (more than a upgrade) to Exchange 2007 means thoroughly examining **ALL** your hardware & software.*

- *Hardware Recommendations: buy new server(s) with a 64 bit operating system pre-installed, install 64 bit OS yourself confirming your vendor offers 64 bit drivers for network, RAID, motherboard, etc, call and confirm manufacturer will support 64 bit OS on server, & yes, buy a new server with 64 bit OS.*

- *Confirm that the manufacturer of your flawlessly working 4 year old $2k tape drive has 64 bit drivers and is supported under 2003 or 2008.*

Software Playing Nicely with Exchange 2007

Popular Software Releases (as of 6/10/08)

- *Symantec Backup Exec 10d (OS agent support only), 11d (media & agent support, 2007 support with rev.7170+), & 12 (media, agent, Exch 2007, Srv 2008 support).*

- *GFI MailEssentials 12 (Exch 2007, no production 2008 support)*

- *Symantec Mail Security 6 (partial support for Exch 2007 since all features not available [hub transport related])*

- *BlackBerry Exchange Server 4.1.3 (Exch 2007) and for Exch 2007 SP1 BES 4.1.5 SP5 (no 64 bit support, no 2008 support).*

- *Exchange 2007 requires a 64 bit operating system base (Windows 2003 or 2008*). *Exchange 2007 SP1 is full version install. Skip base install.*

- *Almost all software applications require new versions for Exchange 2007.*

Decision Made, then Software Quick Tips

Software Recommendations:

- *Budget to buy all new applications. It's highly unlikely that any application released in 2007, will handle Exchange 2007 and most will probably be 32 bit versions running in emulation mode and could need MS updates/add-on in 32 bit mode. Ideally, you should be running x64 versions of any software on a 64 bit OS.*

- *Unless a vendor released the software in Q2 2008, it is unlikely to support Windows 2008 and then it's a maybe.*

- *Install Windows 2008 for Exchange? Unless you run your Exchange OS bare of any 3rd party software, do not even consider running Exchange on 2008 until SP1 is released. Then review.*

Overall Ecosystem Recommendations

- *For New Server Deployments, Total Cost of Ownership (TCO) & Return on Investment (ROI) should be considered for upgrades.*

- *Small shops (<100 users) should stay on Exchange 2003 and Server 2003 (32 bit). You'll be impressed how fast it run.*

- *Shops with 100's of users should consider Exchange 2007 / Server 2003 64 bit for I/O reduction and caching.*

- *Exchange 2007 & Windows 2008 not ready for primetime usage yet…*

- *Upgrading to Exchange 2007 is significantly more costly than that single application's costs (base $1k).*

Thank you for attending the June 2008 NY Exchange User Group Meeting.

Raffles – do not forget, if you bring in new members, you 2x, 3x, or more your chances to win raffle prizes.

See you next month…