

WELCOME!

Breakfast Foods in Hallway

Back To School With SharePoint



Presented By:

David Haver
Managing Consultant
TCSC
dbh@tcsc.com

Jim Brocato
Managing Consultant
TCSC
jmb@tcsc.com

High Level Agenda



- Introductions and Overview
- How and When to Grow your SharePoint Farm
- Quick Win – SharePoint Projects
- Break
- Optimizing SharePoint Websites
- SharePoint Tools and Utilities

The Computer Solution Company



- Founded in 1981
- Based in Richmond, VA
- Consulting Services and Software Product Development
- Consulting Services has been specializing in SharePoint services for over six years (since v1)
- Consistently recognized for quality of technical services
 - Microsoft Worldwide Partner Conference Technology Innovation Award Finalist
 - Microsoft Mid-Atlantic Teamwork Award
 - Microsoft Mid-Atlantic Loyalty Award
 - Infineon Technologies' Technology Innovation Award

Providing Microsoft-centric consulting, application development and work management solutions.

TCSC

Business Solutions with Proven Technology

How & When Do You Grow Your SharePoint Farm

David B. Haver – Managing Consultant

Growing Pains



- WSS to MOSS
- A single server farm to a multi server farm
- A single Content DB to Multiple
- A site to a site collection



When do I know to move to MOSS?

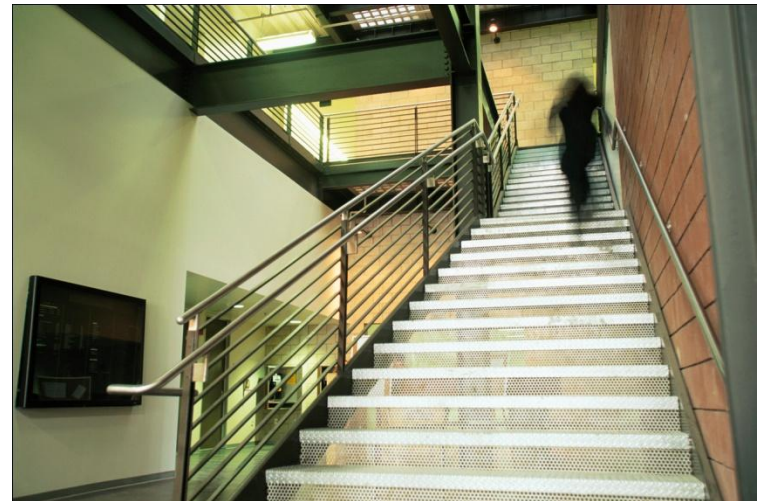


- Features with MOSS:
 - Useful search (WSS search is very limited)
 - Look and feel controlled at the site level
 - Robust navigation controls
 - Audience targeting
 - Additional OOTB Workflows
 - Web Parts
- WSS works at a workgroup level not the enterprise level (SUV vs. Truck)

Steps to Move WSS to MOSS



1. Match service pack levels
2. Install MOSS
3. Run SharePoint Products and Technologies Configuration Wizard
4. Configure MOSS features
5. Enable MOSS features



Tips, tricks, best practices, tools



- Don't use production for upgrade
- Make sure custom solutions and features are installed



When do I know to add a server to the farm?



- SharePoint takes >5 seconds to load
- Use PerfMon to isolate bottleneck
- If SQL then check content DB size (75GB max)
- SharePoint deemed business critical
- Search results are slow or missing new content

Steps to add new server



1. Determine server function (DB, WFE, AS)
2. If DB then
 - I. Stand up SQL server
 - II. Spread the load
3. If WFE or AS
 - I. Install MOSS (WFE vs Complete)
 - II. Add to Farm
 - i. AS spread services
 - ii. WFE load balance or DNS



Tips, tricks, best practices, tools

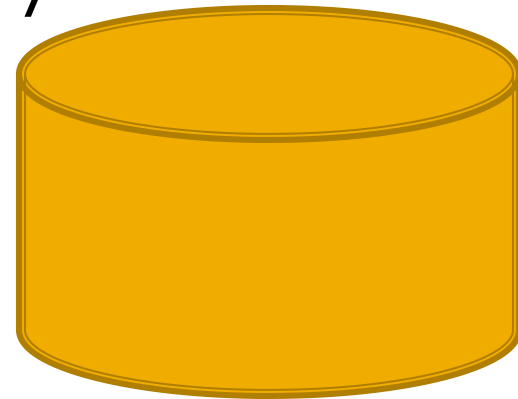


- PerfMon for servers
- NetMon / WireShark / Fiddler for networks
- Web Trends for web sites

When do I know to add a new content database?



- Any content database > 50 GB
- Number of site collections in content database > 15,000
- Any site collection > 15 GB
- Separate database recovery
- Performance



Steps to add a content database



1. Create new content database
2. Create site list (enumsites via stsadm)
3. Determine sizes via site table
4. Chose site collections to move
5. Move chosen site collections to new content database (mergecontentdbs via stsadm read from file)

Tips, tricks, best practices, tools



- Keep related data together (e.g. MySites)
- Leave room for growth
- Monitor growth



Steps to add new site collection



1. Add a new site collection via Central Admin
2. Export to file via stsadm
3. Import the file via stsadm
4. Delete content from site in the old site collection with a link to new location
5. At some time later delete site from old site collection

Tips, tricks, best practices, tools



- Export security if there are no changes
 - Make sure you import security
- Export versions if needed
- Keep like sites together



Q&A



- Questions?



References



- Microsoft SharePoint Team Blog
(<http://blogs.msdn.com/sharepoint/>)
- Joel Olsen – SharePoint MVP
(<http://www.sharepointjoel.com/>)
- SharePoint Podshow
(<http://www.sharepointpodshow.com/>)