

Keys to successful SharePoint administration for the DBA

Daniel Glenn

Daniel Glenn

 @DanielGlenn

<http://KnowSP.com>



- SharePoint and Collaboration Practice Leader @ InfoWorks, Inc. – www.InfoWorks-tn.com
- PASS Nashville Business Intelligence (Nash BI) Board Member
- SharePoint User Group President and Speaker



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Agenda

- What is SharePoint?
- Common Misconceptions
- Keys for SharePoint Administration
- Frequent Tasks
- Training & Resources

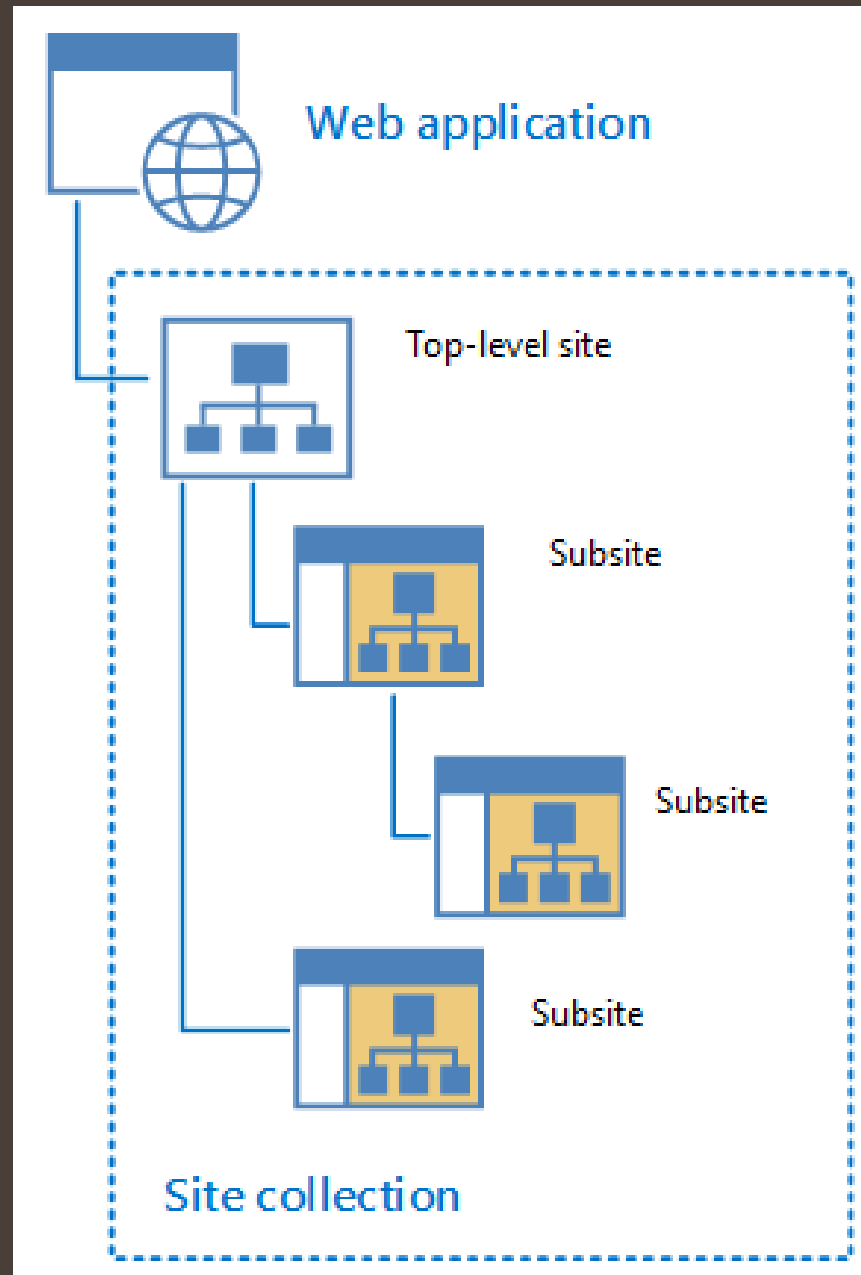


What is SharePoint?

SharePoint

- SharePoint is a valuable tool that delivers enterprise document management, business intelligence, web content management, search, and social capabilities
- There are different versions and deployment options
 - Foundation, Standard, Enterprise; on-premises, cloud, hybrid
- MS SQL is SharePoint's data store for almost all components
- What is a 'SharePoint farm?'
- A Site Collection?

SharePoint





About the City
Who we are, what we do

Services
Local and national

Business
Local, national and global

Things to do
Culture, green spaces and leisure

Find it!

Welcome to the City of London Corporation

Schools in the City

Sir John Cass Primary School - one of the leading primary schools in the capital

Most popular

- Leadenhall Market
- Billingsgate Market
- Hampstead Heath
- Epping Forest
- Parking
- London Metropolitan Archives
- Central Criminal Court

Your City

What's on

Barbican and Golden Lane Area

Latest news

Streetworks

Read about the latest road closures, etc

- PRODUCTS & SERVICES
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Rudiments: Contoso Research

This set of small robotic like devices, called rudiments, investigate human-machine interactions.



Message from the President

From our beginnings as a two-person business in 1988, Contoso's core principles have been simple: do good work, treat people fairly, be



Message From HR

Career development and continuous learning are key parts of what makes Contoso successful.



Employee of the Month

Congratulations! This year marks a significant milestone in your service to Contoso.

Yammer About Contoso

What are you working on?



Robin Counts

To All Company, Daniel Glenn, and Katie Jordan

Daniel Glenn & Katie Jordan, recent growth in Europe indicates that there is more opportunities for store expansion, please investigate.

Like - Reply - View Conversation March 20 at 12:23pm



Write a reply...



Daniel Glenn

To Sales Opportunities

Will the XT2000 be available for a demo in the next few weeks?

Like - Reply - View Conversation March 19 at 1:50pm



Sara Davis

cc: Robin Counts

Robin Counts, do you know if it will be available in the next few weeks?

Like - Reply - View Conversation March 19 at 1:50pm



Robin Counts

cc: Daniel Glenn

Yes! Daniel Glenn, I'll put time on your calendar tomorrow.

Like - Reply - View Conversation March 19 at 1:50pm



Write a reply...



Alex Darrow

To Sales Opportunities and Molly Dempsey

Molly Dempsey we will be presenting our European Expansion Dashboard to our marketing vendor (Kari) later this week.

Engineering

Recent

Discussions

Documentation

FAQs and Product Issues

Product Design

Product Support

Quality Assurance

Finance

Legal

Operations

Research and Development

Sales and Marketing

Site Contents

Welcome to the Engineering Site. This site is where our Engineering Team collaborates on product designs, prototypes, documentation and other engineering tasks. Explore the site to find the latest in product design, product support, including product documentation and design drawings and much more!

XT1000 Test Results

Test Number

Package 1

Package 2

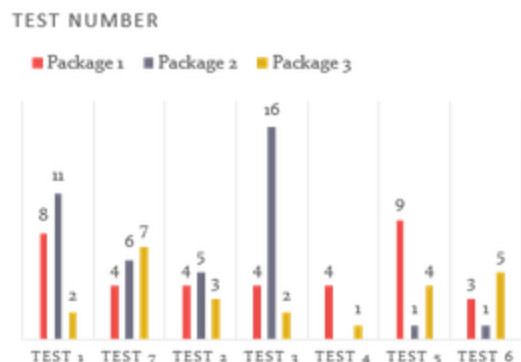
Package 3

Success Percentage

18-25	26-35
36-45	46-55
55-65	Over 65

Workaround?

No Wo... Worka...



Navigation controls: back, forward, search, and a tab labeled 'XT1000 Test Results'.

Engineering Team Calendar

May 2015

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27 2:00 am - 3:00 am Planning Meeting	28	29 7:00 am - 8:00 am Engineering Review Boar	30	1 8:00 am - 8:00 am Presentations	2
3	4 2:00 am - 3:00 am	5	6 7:00 am - 8:00 am	7	8	9

Engineering Announcements

[+ new announcement](#) or [edit this list](#)

✓	Title	Modified
	Design Estimates for New QT Models	... March 19
	Troubleshooting Guide	... March 19
	Customer Specs	... March 19

Common SharePoint Misconceptions

Misconceptions

1. SharePoint is a horrible, evil thing
 - Slow
 - Resource hog
 - Databases & logs are out of control
 - Difficult to use

FACT: SharePoint is awesome! All of the above can be fixed.

Misconceptions

2. SharePoint administrators need SQL Server rights

FACT: Never give SharePoint administrators direct access to SQL

SQL Permissions

Permissions for SharePoint administrators & service accounts

- SharePoint admins themselves do NOT need permissions within SQL
- The **service account** used to install SharePoint needs:
 - **securityadmin** and **dbcreator** SQL Server roles during setup and configuration

SQL Permissions

Permissions for SharePoint administrators & service accounts (cont)

- The service account that is the Farm service account will be provisioned automatically during farm creation to have:
 - **dbcreator** and **securityadmin** fixed server roles.
 - It will also be the **db_owner** for all SharePoint databases.
- Other service accounts will be added to new roles on SharePoint databases

To learn more: [http://technet.microsoft.com/en-us/library/cc678863\(v=office.15\).aspx](http://technet.microsoft.com/en-us/library/cc678863(v=office.15).aspx)

Misconceptions

3. You can install SharePoint & then leave it alone

FACT: SharePoint needs a babysitter, just like all other advanced systems

Misconceptions

4. SharePoint is FREE!

FACT: There is a free* version (for now), but you must license Windows & SQL properly

Misconceptions

5. SharePoint is expensive!

FACT: Depending on your situation, other options are available - Online hosting, Foundation, using Standard vs. Enterprise

Keys for SharePoint Administration

Keys for SharePoint Administration

- Know it
- Know what you have
- Stabilize
- Secure
- Maintain

Keys for SharePoint Administration

Know it

- Architecture
- General Capabilities
- Licensing
- Securing

Keys for SharePoint Administration

Know what you have

- Configuration
- Updates
- Add-ons
- Processes and Users

Keys for SharePoint Administration

Stabilize

- User Experience
- Backups
- Common Issues

Keys for SharePoint Administration

Secure

- Principle of least privilege
- AD vs. SharePoint groups
- Monitor activity, including changes to security

Keys for SharePoint Administration

Maintain

- Test backups
- Monitor performance and utilization
- Educate
- Patching
 - Todd Klindt: [2013 Build Numbers](#)

Frequent Tasks

Frequent Tasks

- Creating sites
- Restoring content
- Moving/Splitting sites
- Planning for changes (read: upgrades and installations)
- Training
 - #SPHelp

Training & Resources

Training & Resources

Training

- Microsoft:
 - Virtual Academy [↗](#)
 - Channel9 (Ignite) [↗](#)
 - Technet Virtual Labs [↗](#)
 - Technet SharePoint [↗](#)
- Pluralsight [↗](#)
- CriticalPath [↗](#)

Training & Resources

Resources

- Office 365 Trial [↗](#)
- App Store [↗](#)
- ULS log viewer [↗](#)
- Metalogix
 - Backup [↗](#)
 - Security, Compliance, Administration [↗](#)
- Books
 - Professional SharePoint 2013 Administration [↗](#)
 - SharePoint 2013 For Dummies [↗](#)

Thank you!

@Daniel Glenn 

Daniel.Glenn@InfoWorks-TN.com

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