Keys to Successful SharePoint Administration for the DBA

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About me

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- User Group leader x2
- Nashville SharePoint & SQL Saturdays
Business Process Analysis, Analysis, Architecture and Design

Fresh perspective to create and align your strategy and goals

We will help you respond to your business needs and get more done in less time

Improve the impact of information on your business

Trusted partner for creating and maintaining a sustainable organization

PMP-certified Project Managers, PMO standards and procedures

InfoWorks

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About you

- Database administrators
- Business users
- Developers
- SharePoint administrators

SharePoint experience?
Agenda

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

Not covered: Tuning SQL Server for SharePoint – Nashville SQL User Group Session
What is 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
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
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
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.

3. You can install SharePoint & then leave it alone

FACT: SharePoint needs a babysitter, just like all other advanced systems
4. SharePoint is FREE!

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

- Configuration
- Updates
- Add-ons
- Processes and Users
Keys for SharePoint Administration

Know what you have

DEMO
Keys for SharePoint Administration

Stabilize

- User Experience
- Backups
- Common Issues
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](https://www.example.com)
Frequent Tasks
Frequent Tasks

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

- Microsoft:
  - Virtual Academy
  - Channel9 (Ignite)
  - TechNet Virtual Labs
  - TechNet SharePoint
- Pluralsight
- CriticalPath
Resources

- Office 365 Trial
- App Store
- ULS log viewer
- SPDocKit
- Metalogix
  - Backup
  - Security, Compliance, Administration
- Books
  - Professional SharePoint 2013 Administration
  - SharePoint 2013 For Dummies
Thank you!

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