Discussing a Sitecore Production Environment

Shelley Benhoff

SITECORE MVP

@sbenhoff   www.hoffstech.com

Discussing a Sitecore Production Environment

On-Prem vs. Cloud

Scaling

Transferring Items

Item Buckets

Object-Relational Mapping (ORM)

Let's Begin

Single Server Setup

Content Management (CM)

Content Delivery (CD)

SQL Server

Solr

Production Server Setup

Content Management

SQL Server

Solr

Content Delivery x 2

Content Management (CM) vs. Content Delivery (CD)

Content Management

- Includes the full Sitecore installation

- Not accessible to the public

Content Delivery

- Sitecore installation removed

- Accessible to the public

SITECORE®

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Other documentation for 9.3 ▾

Security guide

Current version: 9.3

Sitecore recommends that you follow all the security hardening instructions described in our documentation. In addition, the way you implement your Sitecore solution has a significant effect on the security of your website and it might require additional security-related coding and configuration.

Refer to the Knowledge Base for security bulletins and security updates. If you want to receive notifications about new security bulletins, you can subscribe to the Security Bulletins RSS Feed.

> **Important**
>
> Sitecore is not responsible for the security of any other software products that you use with your website. We strongly recommend that you install every available service pack and update for all of the software products that you use.

To ensure a complete security hardening of your Sitecore installation, you can go through all the security tasks one by one. Alternatively, you can complete the security tasks on a role by role basis:

- Securing Experience Manager
- Securing Experience Platform
- Securing Experience Commerce

> **Important**
>
> Securing your Sitecore installation is important, but it is equally important to keep Microsoft Windows updated and maintain a disaster recovery plan.

How Many CD Servers?

Scaling Vertically

**Content Management
Processing
Reporting**

SQL Server

Solr

Content Delivery x 2

Scaling Horizontally

Content Management

SQL Server

Solr

Content Delivery x 4

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Other documentation for 9.0 ▾

Scaling scenarios

Current version: 9.0

This guide describes the overall architecture of the Sitecore Experience Platform and how the platform can be scaled to achieve better performance, including:

- Scaling vertically
- Scaling horizontally
- Clustering and geographic distribution
- Scaling databases

Use this guide together with the Role Configuration documentation, which describes how to configure all core roles and services, and the Architecture and roles documentation which describes application roles, storage roles, and indexes and how they are connected.

To discuss your scaling needs in more detail, contact Sitecore's Technical Consulting Services in your region.

Send feedback about the documentation to docsite@sitecore.net

Sitecore Managed Cloud

Sitecore Software

Microsoft Azure-hosted Infrastructure

Sitecore Managed Services

Building Multi-site Implementations

Build one Visual Studio project for multiple sites

Share layouts, templates, renderings, settings, etc.

Bind multiple URLs to one IIS website

Transferring Sitecore Items Between Environments

Create packages for a small to moderate amount of items

Use serialization to move large amounts of content or entire databases

Use serialization with Unicorn/TDS for team development

Common Sitecore Serialization Tools

Unicorn

Team Development for Sitecore (TDS)

ORMs and Code Generators

Glass.Mapper

- Mike Edwards

- glass.lu

Synthesis

- Kam Figy and Ben Lipson

- github.com/blipson89/Synthesis

You always have the option to write your models manually

Sitecore Slack Channels

#unicorn

#tds

#synthesis

#glass

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