

Deploy, Configure, and Manage SharePoint On-Premises and Hybrid Scenarios: A Comprehensive Guide

SharePoint is a powerful collaboration platform that enables businesses to connect, collaborate, and manage content. It can be deployed on-premises, in the cloud, or in a hybrid scenario that combines both on-premises and cloud components.

This article will provide a comprehensive guide to deploying, configuring, and managing SharePoint on-premises and hybrid scenarios. We will cover the following topics:

- Key concepts of SharePoint on-premises and hybrid deployments
- Best practices for planning and implementing a SharePoint deployment
- Step-by-step instructions for deploying and configuring SharePoint
- Troubleshooting tips for common SharePoint issues

On-premises deployment



Microsoft SharePoint Server 2024 and SharePoint Hybrid Administration: Deploy, configure, and manage SharePoint on-premises and hybrid scenarios

by Aaron Guilmette

★★★★☆ 4.8 out of 5

Language : English

File size : 52346 KB

Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 538 pages



An on-premises deployment of SharePoint is installed and managed on your own servers. This gives you complete control over your SharePoint environment, but it also requires more technical expertise and resources to manage.

Hybrid deployment

A hybrid deployment of SharePoint combines on-premises and cloud components. This allows you to take advantage of the benefits of both worlds, such as the flexibility and scalability of the cloud and the security and control of on-premises.

Key differences between on-premises and hybrid deployments

The following table summarizes the key differences between on-premises and hybrid deployments of SharePoint:

Feature	On-premises	Hybrid	Deployment location
Management	You are responsible for managing your SharePoint environment	Microsoft manages the cloud components	On your own servers Cloud and on-premises
Control	You have complete control over your SharePoint environment	You have less control over the cloud components	On your own servers Cloud and on-premises
Scalability	Limited by the capacity of your servers	Scalable to meet your	On your own servers Cloud and on-premises

needs | | Cost | Higher upfront cost | Lower upfront cost, but higher ongoing costs |

Planning

The following are some best practices for planning a SharePoint deployment:

- **Define your goals and objectives.** What do you want to achieve with your SharePoint deployment?
- **Assess your current environment.** What are your hardware and software requirements?
- **Choose the right deployment option.** On-premises, hybrid, or cloud?
- **Design your SharePoint architecture.** How will your SharePoint environment be structured?
- **Develop a deployment plan.** How will you deploy and configure SharePoint?

Implementation

The following are some best practices for implementing a SharePoint deployment:

- **Follow the Microsoft best practices.** Microsoft provides detailed documentation on how to deploy and configure SharePoint.
- **Use a phased approach.** Deploy SharePoint in stages to reduce the risk of disruption.

- **Test your deployment thoroughly.** Make sure your SharePoint environment is working as expected before you make it live.
- **Monitor your deployment.** Keep an eye on your SharePoint environment to ensure that it is performing optimally.

The following are step-by-step instructions for deploying and configuring SharePoint on-premises:

1. Install the SharePoint prerequisites.

You will need to install the following prerequisites before you can install SharePoint:

- Windows Server 2012 R2 or later
- SQL Server 2014 or later
- .NET Framework 4.6 or later

2. Download the SharePoint installation files.

You can download the SharePoint installation files from the Microsoft Download Center.

3. Install SharePoint.

Follow the instructions in the SharePoint installation wizard to install SharePoint.

4. Configure SharePoint.

Once SharePoint is installed, you will need to configure it. The following are some of the most important configuration settings:

- **Farm configuration.** The farm configuration settings control the overall behavior of your SharePoint farm.
- **Web application configuration.** The web application configuration settings control the behavior of individual web applications.
- **Site collection configuration.** The site collection configuration settings control the behavior of individual site collections.

5. Deploy your SharePoint applications.

Once SharePoint is configured, you can deploy your SharePoint applications. SharePoint applications are add-ons that extend the functionality of SharePoint.

The following are some troubleshooting tips for common SharePoint issues:

- **Performance issues.** If your SharePoint environment is slow or unresponsive, you can try the following:
 - Check the event logs for errors.
 - Increase the capacity of your servers.
 - Optimize your SharePoint configuration.
- **Security issues.** If your SharePoint environment is not secure, you can try the following:

- Apply the latest security updates.
- Configure SharePoint to use SSL.
- Implement a firewall to protect your SharePoint environment.
- **Configuration issues.** If your SharePoint environment is not configured correctly, you can try the following:
 - Check the SharePoint documentation for the correct configuration settings.
 - Contact Microsoft support for assistance.

SharePoint is a powerful collaboration platform that can help businesses connect, collaborate, and manage content. By following the best practices and troubleshooting tips outlined in this article, you can deploy, configure, and manage SharePoint on-premises and hybrid scenarios to meet your business needs.



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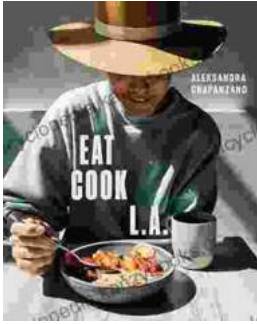
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