

Planning and Administering SharePoint 2016



Purpose of the training

The training is addressed to experienced IT specialists, who are interested in learning how to:

- install,
- configure,
- deploy
- manage SharePoint 2016 installations in datacenter or cloud.



Benefits of completing the training

Knowledge and practical skills related to planning IT, logical and physical architecture, deployment, configuration, SharePoint 2016 environment maintenance and monitoring.



Expected Listener Preparation

The training is addressed to the people who have:

- over a year of practical experience in planning and SharePoint maintenance
- 2 years of experience in other fundamental technologies, on which SharePoint relies, including Windows Server 2012 R2 or better, Internet Information Services (IIS), Microsoft SQL Server 2014 or better, Active Directory Domain Services (AD DS) and Network Service Infrastructure.
- An ability to use English materials.

To make your work more convenient and training more effective, we suggest using an additional screen. Lack of such screen does not exclude participation in the training, however it significantly influences working comfort during classes.

You can find information and requirements of participation in Distance Learning trainings at:
: [http://\(https://www.altkomakademia.pl/distance-learning/#FAQ](http://(https://www.altkomakademia.pl/distance-learning/#FAQ)



Training Language

- **Training:** English
- **Materials:** English



Training Includes

- electronic materials available at: <https://www.altkomakademia.pl/>
- access to Altkom Akademia student portal



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Training agenda

1. Introduction to SharePoint 2016
 - key deployment components
 - new SharePoint 2016 functions
 - SharePoint 2016 deployment options
2. Designing information architecture
 - Identifying business requirements
 - Understanding business requirements
 - Ordering information in SharePoint 2016
 - planning detection
3. Projecting logical architecture
 - discussing logical architecture
 - documenting logical architecture

4. Projecting physical architecture
 - projecting physical components for SharePoint deployment
 - projecting suport components
 - SharePoint farm topologies
 - mapping the project of logical architecture to physical architecture
5. Installing and configuring SharePoint Server 2016
 - instaliing SharePoint 2016
 - installing and configuration based on scripts
 - SharePoint 2016 farm settings
6. Developing web applications and set of websites
 - developing web applications
 - configuring web applications
 - developing and configuring set of websites
7. Planning and configuring service applications
 - Introduction to service applications architecture
 - developing and configuring service applications
8. Managing users, authorisations and securing the content
 - configuring authorisations in SharePoint 2016
 - Resource access management
9. Configuring authentication in SharePoint 2016
 - Reviewing authentication
 - Configuring authentication federations
 - authentication betwen servers
10. SharePoint 2016 deployment security
 - platform security
 - configuring security on farm level
11. Taxonomy management
 - managing content types
 - understanding managed metadata
 - configuring Managed Metadata Service
12. Configuring users profiles
 - configuring User Profile Service Application
 - managing user profiles and audiences
13. Search configuration
 - Understanding Search Service Application architecture
 - Search configuration in company
 - Search management in company
14. Monitoring and SharePoint 2016 environment maintenance

- monitoring SharePoint 2016 environment
- tuning and optimising SharePoint 2016 environment
- caching plan and configuration
- troubleshooting