55195-A: Introduction to Microsoft Cloud Computing

This one-day instructor-led is intended for IT professionals who are interested in expanding their knowledge base and technical skills with an understanding of the Cloud and Microsoft Cloud Products such as Azure, Office 365, One Drive and InTune. In this course, students learn high level terminology, structure, security, deployment and migration practices as well as the general scope of Microsoft Cloud product offerings.

Objectives

- Describe and understand the types of Cloud Infrastructure and Types of Cloud

- Understand how to utilize Cloud systems.

- Describe Cloud infrastructure technologies such as LDAP, X.500, E.509 and SSO in Microsoft environments.

- Understand SLA agreements and change management in the cloud.

- Describe security and Privacy considerations, Privileged User Access, Regulatory Compliance,

- Investigative Support, Data Segregation, Recovery, Long-Term Viability and Transfer of Data.

- Understand the fundamentals of PKI and Digital Signing.

- Describe Cloud authentication and Authorization techniques.

- Understand the roles of Microsoft Azure, Office 365, One Drive and InTune.

Prerequisites

Before attending this course, students must have:

- Basic understanding of networking concepts.

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- Basic Windows knowledge.

- Basic understanding of security concepts such as authentication and authorization.

Intended Audience

Students for this course are just starting their Information Technology (IT) careers or want to change careers into Windows Server technologies. This fundamental knowledge and skills can be used by home computer users, small business owners, academic students, information workers, technical managers, help desk technicians, or students who want to cross-train from another technology.

This course is a first step in preparing for a job in IT or as a prerequisite training, before you start the Microsoft Certified System Administrator (MCSA) training and certification path.

Topics

- The Term "The Cloud?"

- Understanding and Utilizing Cloud Systems

- Cloud Infrastructure Technologies

- Control of Data and Continuity of Services

- Security & Privacy Considerations

- Review Questions

- PKI Fundamentals (optional)

- Understanding Cloud Authentication and Authorization (optional)

- Labs and Demonstrations (optional)