Rlearning solution private limited
PH : 9342843527

SC-300 Microsoft Identity and Access Administrator

Duration: 5 Days

Microsoft Identity and Access Administrator:

Course Overview:

The 5-Day Instructor-Led training on Microsoft Identity and Access Administrator gives the In-Depth knowledge to Design, implement, manage and Operate the Identity and Access Management Systems by using Microsoft Entra ID.

In this course participants will learn how to Design, Implement and manage Users, Service Principals, managed Identity, Groups, Devices, Security Policies of all Identities such as MFA, Conditional Access, Sign-in Risk, User Risk , Hybrid Identity Authentication methods Such as PHS, PTA, Federation, Integration Of Enterprise apps for SSO, Manage Access Review , Privileged Access, Monitor and Maintain Microsoft Entra ID.

The course will be delivered using the use-cases and Real-world examples this will help participants to learn concept and apply that in Real World

The training also prepares to write exam on Sc-300

High Lights of the course:

1.Architecture of Entra ID
2. Cloud and Hybrid Identity
3. PHS, PTA and Federated authentication

Rlearning solution private limited
PH : 9342843527

4. Implement App Registration

5. Privileged Identity Management
6. Access Review of Entra ID

Who can attend?

- IT professionals
- System Administrators/Engineers,
- Network Administrators/Engineers,
- Virtualization Administrators,
- Datacenter Architect,
- Developers,
- IT-Operations Engineer.

Course Outline:

Module 1: Concepts of Entra ID and Identity Management Solution

Lessons:

- Architecture of Entra ID
- Different Types of Entra ID Licenses
- Default and Custom Domain
- Default and Custom Entra ID security Policies
- Understanding the Authentication and Authorization
- Architecture of B2B of Entra ID
- Architecture of B2C Of Entra ID
- Understanding the SSO of Entra ID

Lab:

- Enabling Entra ID
- Creating and Configuring the Identities such as Users, groups, Devices, Managed Identities, Service Principals
- Configuring Custom Domain
- Creating the Cloud Identity
- Securing the Identities using Security Policies
    - MFA
    - Conditional Access
    - Sign-in Risk

  - User- Risk
- Implement and manage External Identities

Module 2: Implement and manage Hybrid identity

Lessons:

- Concepts of Hybrid Identity
- Design Hybrid Identity Infrastructure
- PHS- Password hash Synchronization
- PTA-Passthrough Authentication
- Federated Authentication

Lab:

- Configuring PHS (Password hash Synchronization)
- Configuring PTA (Passthrough Authentication)
- Configuring Federated Authentication
- Manage Entra Connect Health
- Troubleshoot Synchronization Errors

Module 3: Implement Access management for Apps

Lessons:

- Plan and design the Integration of enterprise apps for SSO
- Implement and monitor the integration of enterprise Apps for SSO
- Implement App registration
- Register Apps using Microsoft Entra ID
-

Lab:

- Discover apps by using Microsoft Defender for Cloud Apps and Active Directory Federation Services app report
- Create App registration and App roles
- Configure Connectors to Apps
- Implement Access Management for Apps
- Design and Implement App management Roles
- Create a Custom role to manage app Registration
- Implement and Manage Policies for oauth Apps
- Integrate on-premises apps with Microsoft Entra Application proxy
- Integrate custom SAAS Apps for Single sign-on
- Create and Manage Application Collections
- Monitor and Manage Application Collections

Rlearning solution private limited
PH : 9342843527

Module 4: Plan and implement an identity Governance and Strategy

Lessons:

- Plan and Implement entitlement management
- Plan, Implement and Manage Access reviews
- Plan and Implement Privileged Access
- Monitor and maintain Microsoft Entra ID
- Explore the many features of Microsoft Entra Permissions management

Labs:

- Add terms of user Acceptance report
- Configure and Manage Access reviews
- Automate Access review Management tasks
- Implement Privilege Identity Access
- Privileged Identity Audit History and reports
- Analyze Historical data with audit Tab