

# Server Administrator

Become a Certified Engineer



"Master Technology, Master Your Future!"

**REXTON IT SOLUTIONS**

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# Successful future in the IT industry



-  **Cloud Computing Expertise**
-  **Cyber Security Skills**
-  **DevOps and Automation**
-  **Networking and Security**
-  **Data Science and Analytics**

## Set 2 Milestones

# Training Program Goal

Rexton IT offers specialized Cloud engineer training designed to equip professionals with the skills needed to excel in modern Cloud environments. In today's rapidly evolving technological landscape, cloud computing has become an essential service for businesses of all sizes. The major cloud providers, including Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform (GCP), offer comprehensive solutions that empower organizations to scale, secure, and innovate.

Rexton IT has recognized the growing demand for cloud expertise and has developed specialized cloud training programs to equip IT professionals with the skills they need to succeed in a cloud-first world. The training includes real-world scenarios to help engineers troubleshoot and optimize network and cloud performance.



**Learn From Certified**



**Learn One to One**



**24X7 Access Support**

# Get a Successful Career-

- Here are some strategies to enhance your IT career:
- Focused on building a successful career in IT!



# 3 in 1 Combo- Three Powerful Certifications



**SERVER**



**CLOUD**



**DEVOPS**

**System  
Engineer**

**Cloud  
Engineer**

**Cloud & Devops  
Engineer**

The Rexton MCSA, AZURE, and DEVOPS Combo Course is designed for IT professionals seeking to enhance their skills in cloud security, and advanced automation management. This course combines three powerful certifications, providing a comprehensive learning path that covers a wide range of essential technologies, from foundational networking to advanced security practices.

**Boost Your Skills**

**Learn Advance**

# Why Training with Rexton?

We want to make  
–positive impact

- **Industry Expertise:** Courses led by experienced professionals.
- **Customized Learning:** focusing on key skills relevant to career goals.
- **Hands-On Experience:** Practical labs, scenario-based learning.
- **Recorded Sessions:** Continued access to resources and instructor assistance.
- **Job Opportunities:** During the training, helping expand career and job options.
- **Certifications Pass Guarantee:** Training that prepares participants for globally.
- **Flexible Learning:** Various modes of training – online, classroom, or hybrid formats.

# Career Solution- Steps

ONLY in 90 Days

Career Transformation  
with-in 90 Days

- **JOIN TRAINING**  
our career expert help to join the training.
- **LEARN ADVANCE**  
Learn advance training, and get real time experience.
- **INTERVIEW**  
We will conduct your interview in training period.
- **GET JOB**  
You will get job in the training duration

# Unlimited- Access

**Practical Training**

**Live Training**

**Recording Access**

**Unlimited Revision**

**Unlimited Interview**

**Lab Access@24**

Rexton IT offers unlimited interview preparation and recording sessions, helping professionals ace their job applications with confidence. Our comprehensive service allows users to participate in as many mock interviews as needed, honing their communication skills and refining answers to potential questions. Each session is recorded, providing valuable feedback for improvement. Whether you're a seasoned professional or just starting, Rexton IT's expert coaching will boost your interview performance, ensuring you're fully prepared for any scenario. Get personalized, real-time insights to strengthen your interview techniques and increase your chances of landing your dream job!

# Windows Server Training-

## **Windows Server Installation:**

- Welcome to Windows Server
- Plan for Windows Server - Installation Requirement and Edition Per Workload
- Install and Configure Windows Server
- Install and Configure Windows Server Core
- Manage Windows Server Core
- Implement PowerShell Desired State Configuration (DSC)

## **Implementing and Managing Active Directory**

- Active Directory Overview and Install
- Create, Copy, Configure, and Delete Users and Computers
- Create, Copy, Configure, and Delete Groups and OUs
- Implement Domain Join - Remote -Offline
- Configure Account Policies
- Automate the Creation of Active Directory Accounts
- Automate Groups and OUs with PowerShell
- Perform Bulk Active Directory Operations
- Configure User Rights
- ADC And FSMO Roles -Transfer Role - Seize Role
- Read-Only Domain Controllers and Removing DCs
- Replication and PRP for RODC
- Configure Domain Controller Cloning
- Install from Media and Domain Controller Upgrades
- Multi-Domain and Multi-Forest Active Directory - Child Domain - Tree Domain
- Group Types and Group Nesting
- ADDS Domain And Trust -Trust Relationship Between Domains And Forest
- Active Directory Site And Services -Replication of Active Directory
- Configure Sites and Subnets

## **Monitoring, Managing, and Recovering ADDS**

- Clean Up Metadata, Offline AD and Defragmentation
- Backup and Restore of Active Directory -RecycleBin
- Active Directory Installations Debug - Health Check

## **Backup and Disaster Recovery**

- Implementing a high availability and disaster recovery solution
- Backing up and restoring by using Windows Server Backup

## **Group Policy Configuration**

- Create and Manage Group Policy Objects (GPOs)
- Configure Group Policy Processing
- Configure Group Policy Settings
- Configure Group Policy Preferences
- Manage Group Membership Using Group Policy
- Configure Group Policy Software Deployment - Folder Redirection -Scripts

## **Implementing and Administering (DAC) Dynamic Access Control**

- Overview of DAC
- Managing Dynamic Access Control - Claims - GPO Kerberos Settings
- Deploying and managing Dynamic Access Control

## **Implementing and Administering AD RMS**

- Overview of AD RMS
- Deploying and managing an AD RMS infrastructure
- Configuring AD RMS content protection

## **Certificate Service**

- Install a Certificate Authority
- Installing a Subordinate CA
- Deploying and managing certificate templates
- Manage Certificates

## **Implementing ADDS Synchronization With Microsoft Azure AD**

- Planning and preparing for directory synchronization
- Implementing directory synchronization by using
- Azure AD Connect
- Managing identities with directory synchronization

## **IPV4 addressing**

- IP Addressing - Subnetting - Supernetting

## **DHCP Installation and Configuration**

- DHCP Overview and Install
- DHCP Scope Creation, DHCP Reservations, DHCP Options
- DHCP Policies, DHCP Super and Multicast Scopes
- DHCP L2 MAC Filtering
- DHCP User Classes
- DHCP Dynamic Updates to DNS, DHCP Backup, Restore, Import, Export
- DHCP Failover .DHCP Split Scopes
- DHCP Troubleshooting
- DHCP Relay Configuration

## **Installation and Configuration**

- Adding the DNS Server Role
- DNS resolving and Queries, DNS Root Hints
- DNS Zones, DNS Records, DNS Scavenging, DNS Forwarding
- DNS Delegation, DNS Round Robin, DNS Recursion, DNS Security (DNSSEC)
- DNS Cache Locking and Socket Pool, DNS Response Rate Limiting
- DNS Policy: Load Balancing, DNS Policy: Client Source Address
- DNS Policy: Time-based Requests, DNS Logging and Tuning
- DANE and TLSA Records
- DNS GlobalNames Zone
- Troubleshooting DNS

## **IPAM Configuration**

- IPAM Overview and Installation
- Manage DNS using IPAM, Manage DHCP using IPAM
- IPAM Role-based Access Control (RBAC), Using IPAM to Manage IP Addresses
- IPAM Migration and Auditing

## **NAT Configuration**

- Dynamic NAT/PAT, Port Forwarding NAT/PAT

## **Remote access**

- Remote Access VPNs and Site-to-Site VPN
- Using Digital Certificates with VPNs, Local Network Policy Server
- NPS with RADIUS, NPS Imports, Exports, and Templates
- RADIUS Proxy, RADIUS Accounting, VPN Connection Profiles using CMAK

## **DFS Installation And Configuration**

- Implementing DFS Namespaces, Namespace Availability
- DFS Site Awareness, DFS Scheduling, Staging, Compression, and Optimization

## **NIC Teaming**

- Switch Embedded Teaming (SET), High-performance Network Solutions
- Quality of Service (QoS) with Data Center Bridging (DCB)
- Software Load Balancer (SLB) Overview, Software Defined Networking (SDN) Overview

## **Software Defined Networking**

- Implementing network virtualization
- Implementing Network Controller

## **Storage -Disk And Partition**

- Configure Disks and Partition Basic disk - Dynamic- GPT -RAID
- Configure Virtual Disks -Create VHD And VHDX Mount VHD
- Configure and Manage Storage Pools

## **Implementing Enterprise Storage Solutions**

- Overview of DAS, NAS, and SANs
- Comparing Fibre Channel, iSCSI, and Fibre Channel over Ethernet
- Understanding iSNS, DCB, and MPIO, Configure Storage Replica
- Implement Data Deduplication and Monitor Deduplication

## **Configuring sharing and Security**

- File System FAT - NTFS - REFS, Configure Shares - SMB - NFS
- Configure Permissions - Sharing And Security
- File Server Resource Manager -Quota - Shadow Copy Data Classification
- File -Folder Encryption

## **Manage and Maintain Images - WDS**

## **Hyper-V Installation**

- Plan for Virtualization -Microsoft assessment and planning toolkit
- Hyper-V requirement and Install Hyper-V, Configure and Remotely Manage Hyper-V
- Create Virtual Machines - Deligate VM, Implement Nested Virtualization
- Configure Virtual Machines - Dynamic Memory - Smart Paging - Resource Metering
- Manage Virtual Machines - Add Remove Memory VM - Enhance Session Mode - DDA - Import Export VM
- Move And Convert VM From Previous Version of Hyper-V
- Create and Configure Hyper - V Storage VHD - VHDX - Shared VHD - Thin and Thick Disk - Pass-Through - QOS
- Manage Hyper-V Storage - Modify and resize VHD - CheckPoint - Fiber Channel Adaptor
- Configure Hyper-V Networking - Virtual Switch - Add remove NIC - Synthetic and Legacy Adaptor - MAC Address - Configure Network Isolation
- Optimize Hyper-V Networking - Bandwidth Management - VMQ - Optimize Network Performance - RDMA
- Implement Hyper-V Replicaion, Implement Hyper-V Migration

## **Network Load Balancing**

- Implement Network Load Balancing - NLB Nodes
- Configure Affinity - Port Rule And Cluster
- Operation Mode - Upgrade NLB

## **Failover Clustering**

- CIntroduction to Failover Clustering - Workgroup - Single Domain -MultiDomain
- Configure Failover Clustering
- Manage Failover Clustering - CAU and Backup - Oprating Syatem Rolling Upgrade - Restore Single Node and Cluster Configuration
- Implement Scale-out File Server (SoFS)
- Implement Hyper-V Clusters - Migration - Import And Export VM -Node Fairness VM network Health - VM Monitoring - Drain And Shutdown
- Implement Stretch Clusters - Cloud Witness - Storage Replica - Stretch And Site Aware Failover Cluster - VM resiliency
- Implement Storage Spaces Direct

## **WSUS - Update management**

- WSUS overview and deployment options
- Update management process with WSUS
- Implementing WSUS and deploying updates

## **Windows Server Monitoring Tools**

Monitoring tools Using - Performance Monitor - Resource Monitor

CPU - Memory - Disk - Networking Counters

Configure Data Collector Sets - Configure Alerts

Monitoring event logs

## **Upgrade and Migrate to Windows Server**

# Learn Advance-Cloud Security



AWS CLOUD

AZURE CLOUD

AWS DEVOPS

AZURE DEVOPS

CLOUD  
SECURITY

CYBER  
SECURITY

# Combo- Training Offer



## Combo Training

- WINDOWS SERVER + CLOUD
- AWS CLOUD + AZURE CLOUD
- AWS + CLOUD SECURITY
- AWS CLOUD + AZURE CLOUD + DEVOPS
- AWS CLOUD + DEVOPS + KUBERNETES
- AZURE CLOUD + DEVOPS + KUBERNETES
- CLOUD SECURITY + DEVOPS SECURITY (DEV-SEC-OPS)
- DATA ANALYTICS + MACHINE LEARNING

# Certification Pass- Guaranteed

## Training Duration and Exam Cost

Training	Training Duration	Exam Cost
SERVER	90 Hours	58\$
AZURE-104	40 Hours	58\$
AZURE SECURITY AZ-500	40 Hours	58\$
AWS-SAA	40 Hours	150\$
AWS-SAP	30 Hours	300\$
AWS SECURITY SCS-C02	40 Hours	300\$

# Server and Cloud-Certification

## BECOME A CERTIFIED AWS SOLUTIONS ARCHITECT ASSOCIATE

**SAA - C03**  
**45 DAYS**  
**TRAINING**



## BECOME A CERTIFIED AWS SOLUTIONS ARCHITECT PROFESSIONAL

**SAP - C02**  
**30 DAYS**  
**TRAINING**



## BECOME A CERTIFIED SERVER ADMINISTRATOR

**SERVER 2022**  
**90 DAYS**  
**TRAINING**



## BECOME A CERTIFIED AZURE CLOUD ADMINISTRATOR

**AZURE - 104**  
**45 DAYS**  
**TRAINING**



# Other IT Certification

BECOME A CERTIFIED

## SECURITY ENGINEER

CCNA+CCNP+PALOALTO

120 DAYS COURSE

30% OFF



BECOME A CERTIFIED

## DEVOPS ENGINEER

DEVOPS

45 DAYS COURSE

30% OFF



BECOME A CERTIFIED

## CYBER SECURITY ANALYST

CYBER SECURITY

150 DAYS COURSE

30% OFF



BECOME A CERTIFIED

## DATA SCIENTIST

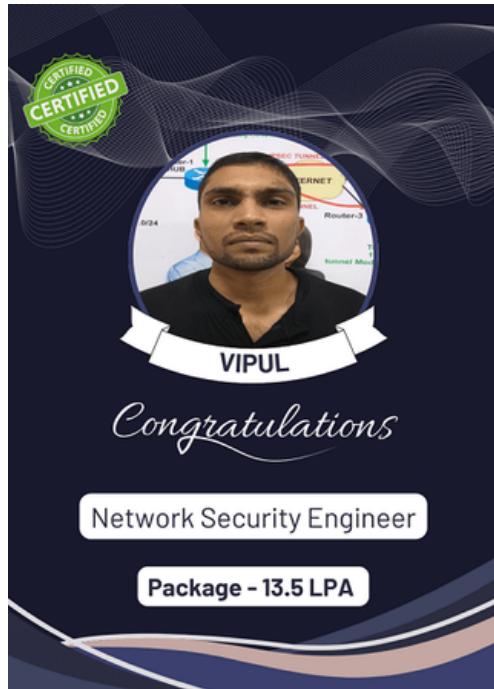
DATA ANALYTICS+ML

150 DAYS COURSE

30% OFF



# Successful-Journeys



# Learn more with us !

## REXTON IT Solutions



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# Thank You

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