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Advanced Solutions of Microsoft Exchange Server 2013

Exam Design

Audience Profile

Candidates for this exam are senior administrators who act as the technical lead over a team of administrators. Candidates serve as a third level of support between the Exchange Recipient Administrator and the Exchange Server Administrator.

Candidates should have a minimum of three years of experience managing Exchange servers and Exchange messaging in an enterprise environment.

Skills measured

Note: This document shows tracked changes to objectives and functional groupings. These changes are effective as of November 10, 2017.

Configure, Manage, and Migrate Unified Messaging (20-25%)

Configure Unified Messaging (UM)

Configure an IP gateway; configure a UM call router; create and configure an auto attendant; configure a call answering rule; design UM for high availability; create a dial plan

Manage Unified Messaging

Assign a dial plan to a user; move users between dial plans; enable and disable UM features for a user; set up protected voicemail; configure UM mailbox policy; manage UM language packs

Troubleshoot Unified Messaging

Troubleshoot and configure Mutual Transport Layer Security (MTLS); monitor calls and call statistics; troubleshoot and configure QoS; troubleshoot SIP communication

Migrate Unified Messaging

Prepare to migrate; plan a migration strategy; plan a coexistence strategy; move UM mailboxes between sites; redirect the SIP gateway to Exchange Server 2013; decommission

the legacy system

Design, Configure, and Manage Site Resiliency (20-2522%)

Manage a site-resilient Database Availability Group (DAG)

Plan and implement Datacenter Activation Coordination (DAC); given customer node requirements, recommend quorum options; plan cross-site DAG configuration; configure DAG networks; [plan a Microsoft Azure virtual machine as a witness Server](#)

Design, deploy, and manage a site resilient CAS solution

Plan site-resilient namespaces; configure site-resilient namespace URLs; perform steps for site *over; plan certificate requirements for site failovers; predict client behavior during a *over

Design, deploy, and manage site resilience for transport

Configure MX records for failover scenarios; manage resubmission and reroute queues; plan and configure Send/Receive connectors for site resiliency; perform steps for transport *over

Troubleshoot site resiliency issues

Resolve quorum issues; troubleshoot proxy redirection issues; troubleshoot client connectivity; troubleshoot mail flow; troubleshoot datacenter activation; troubleshoot DAG replication

Design, Configure, and Manage Advanced Security (20-2521%)

Select an appropriate security strategy

Evaluate RBAC; evaluate BitLocker; evaluate Smart Cards; evaluate IRM; evaluate S/MIME; evaluate Domain Secure/TLS; [evaluate ADFS Claimed based authentication](#)

Deploy and manage Information Rights Management (IRM) with Active Directory Rights Management Services (AD RMS)

Create an AD RMS template; create transport protection rules; create Microsoft Outlook protection rules; configure transport decryption; configure IRM for discovery; configure pre-licensing for client access

Configure and interpret mailbox and administrative auditing

Configure mailbox audit logging; configure administrative audit logging; configure mailbox access logging; interpret all audit logs

Troubleshoot security-related issues

Determine certificate validity; ensure proper Certificate Revocation List (CRL) access and placement; ensure private key availability; troubleshoot failed IRM protection; troubleshoot RBAC

Configure and Manage Compliance, Archiving, and Discovery Solutions (20-25%)

Configure and manage an archiving solution

Set up online archiving (Microsoft Office 365); create archive policies; set up on-premises archiving; plan storage for an archiving solution

Design and configure Data Loss Prevention (DLP) solutions

Set up pre-built rules; set up custom rules; design a DLP solution to meet business requirements; set up custom policies

Configure and administer Message Records Management (MRM)

Design retention policies; configure retention policies; create and configure custom tags; assign policies to users; configure the Managed Folder Assistant; remove and delete tags

Perform eDiscovery

Plan and delegate RBAC roles for eDiscovery; enable a legal/litigation hold; perform a query-based InPlace hold; design and configure journaling; perform multi-mailbox searches in Exchange Administration Center (EAC); evaluate how to integrate InPlace federated searches with Microsoft SharePoint

Implement a compliance solution

Design and configure transport rules for ethical walls; configure MailTips; create, configure, and deploy message classifications; design and configure transport rules to meet specified compliance requirements

Implement and Manage Coexistence, Hybrid Scenarios, Migration, and Federation (15-2018%)

Establish coexistence with Exchange Online

Deploy and manage Hybrid configuration; evaluate limitations of the Hybrid Configuration Wizard; configure requirements for single sign-on (SSO); design and configure Active Directory Federation Services (AD FS)

Deploy and manage Exchange Federation

Manage Federation trusts with Microsoft Federation gateways; manage hybrid deployment OAuth-based authentication; manage sharing policies; design certificate and firewall requirements; manage organization relationships

Implement on-premises coexistence with legacy systems

Plan namespaces for coexistence; configure proxy redirect; plan firewall configuration for coexistence; plan for mail flow requirements

Set up a cross-forest coexistence solution

Set up cross-forest availability; design certificate and firewall requirements; set up cross-forest mail flow; design and configure AutoDiscover; set up shared namespaces

Migrate legacy systems

Determine transition paths to Exchange Server 2013; migrate public folders to Exchange Server 2013 and Office 365; migrate mailboxes; upgrade policies; plan to account for discontinued features; transition and decommission server roles

Troubleshoot issues associated with Hybrid scenarios, coexistence, migration, and Federation

Troubleshoot [Mail Flowtransport](#); troubleshoot Exchange Federation trust and organization relationships; troubleshoot client access; troubleshoot SSO/AD FS; troubleshoot AADConnect; troubleshoot cross-forest availability