

# Environment Discovery Utility (EDU)

## Data Collection Summary

The EDU module is meant to give customers an easy and reliable method by which to take a snapshot of their current environment and to assist Rackspace in properly scoping the work required to migrate from an on-premises environment to Office 365.

### DNS Lookups

The utility will find important hostnames from existing configuration and perform DNS lookups for each of them. This allows Rackspace to detect the scenario where internal clients receive different DNS information than public clients.

### Information Rackspace Collects

The list below outlines the information we collect from the environment.

#### Microsoft Exchange

##### Servers

- DistinguishedName
- InstalledRoles
- Name
- Site
- Domain
- Edition
- Version

##### DatabaseJournaling

- ObjectGuid
- TargetGuid
- TargetObjectClass
- IsLocalAddress

#### FederationTrust

- ObjectGuid
- Enabled
- Domains
- DelegationTrustLink
- IsValid

#### DynamicGroups

- HiddenFromAddressListsEnabled
- ObjectGuid

#### AcceptedDomains

- AcceptedDomain
- Name
- DomainType
- IsDefault

#### Recipients

- ItemCount
- ObjectGuid
- PrimarySmtptDomain
- UserPrincipalNameSuffix
- RecipientTypeDetails
- RecipientDisplayType
- PrimaryMatchesUPN
- TotalItemSizeKB
- ItemCount
- ArchiveGuid
- EmailAddressPolicyEnabled
- LitigationHoldEnabled
- VirtualDirectories
- RetentionPolicy (GUID)
- Protocols
  - ActiveSyncEnabled
  - OwaEnabled
  - PopEnabled
  - ImapEnabled
  - MapiEnabled

## PublicFolders

- Databases
  - ObjectGuid
  - Server
- Mailboxes
  - MailboxDatabase
  - ObjectGuid
  - RecipientTypeDetails
  - IsRootPublicFolderMailbox
- Statistics
  - Identity
  - ItemCount
  - TotalItemSizeKB
  - LastModificationTime

## ImapPopSettings

- ObjectGuid
- Protocol
- SecureBindings
- ServerBindings
- CertificateName
- TcpResponse

## TransportSettings

- ReceiveConnectors
  - ConnectorGuid
  - SmtptReceiveBindings
  - SmtptInactivityTimeOut
  - ConnectionTimeout
  - MaxMessageSize
  - MaxRecipientsPerMessage
  - PermissionGroups
  - AuthMechanism
  - Enabled
  - Fqdn
  - TransportRole
  - Server

- SendConnectors
  - SmtplibSendPort
  - ConnectionTimeout
  - MaxMessagesPerConnection
  - Fqdn
  - Enabled
  - MaxMessageSize
  - UseExternalDNSServersEnabled
  - AddressSpaces
  - SmartHostString
  - RequireTLS
  - DomainSecureEnabled

#### TransportRules

- Action
- Condition
- Exemption
- ObjectGuid
- Type

#### OrganizationalRelationships

- Enabled
- DomainNames
- MailboxMoveEnabled
- ObjectGuid

#### VirtualDirectories

- Name
- ComputerName
- ExternalAuthenticationMethods
- InternalAuthenticationMethods
- ExternalHostName
- InternalHostName
- ObjectClasses
- DistinguishedName

#### RetentionPolicies

- Guid
- IsDefault
- WhenChanged
- WhenCreated
- RetentionPolicyTagLinks

#### EmailAddressPolicies

- Guid
- HasConditionalCustomAttribute
- Name
- Priority
- RecipientFilterApplied
- RecipientFilterType

#### MobileDevice / ActiveSync Policies

- Guid
- Name
- IsDefault

#### OrganizationConfig

- ObjectGuid
- MaxConcurrentMigrations
- MapiHttpEnabled
- OAuth2ClientProfileEnabled
- WACDiscoveryEndpoint
- AdfsIssuer
- AdfsAudienceUris

#### Database Availability Groups

- Name
- Servers
- WitnessServer
- WitnessDirectory

#### DNS

- Records for all accepted domains
- Records for all hostnames found in Virtual Directory URLs

## Active Directory

### Forest

- Name
- Mode
- NamingRoleOwner
- RootDomain
- Schema
- SchemaRoleOwner
- SiteLinks
- Sites
  - Name
  - AdjacentSites
  - SiteLinks
  - Subnets
- ApplicationPartitions
- Domains
  - Children
  - DomainControllers
  - Mode
  - InfrastructureRoleOwner
  - Name
  - Parent
  - PdcRoleOwner
  - RidRoleOwner

### Organizational Units

- DistinguishedName

### Groups

- Name
- DistinguishedName
- GroupeType
- MemberCount
- Foreign Security Principal Member Count

## Users

- DistinguishedName
- UserAccountControl
- AccountExpirationDate
- LastPasswordSet
- UserCannotChangePassword
- ForwardingSMTPAddress
- ForwardingAddress
- DeliverAndRedirect
- WhenCreated
- WhenChanged
- LastLogon