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Official Feed

Activities available on the official feed:

Identity Services. Microsoft Active Directory

Official Documentation: <https://docs.uipath.com/activities/docs/identity-services-active-directory>

Community Forum preview launch article: <https://forum.uipath.com/t/it-automation-activities-for-active-directory-domain-services/129829>

Activities list:

Common activities

- **Active Directory Scope** – Connects to Active Directory and provides a scope for other Active Directory activities.
- **Get Object Distinguished Name** – Retrieves the distinguished name of a given Active Directory object.
- **Get Objects by Filter** – Retrieves the list of Active Directory objects based on an input filter.
- **Get Objects by LDAP Filter** – Retrieves the list of Active Directory objects based on an *LDAP* filter.
- **Get Object Properties** – Retrieves the properties of a given Active Directory object.
- **Update Object Properties** – Updates the specified properties of an object.
- **Is Object Member Of Group** – Checks whether a given object belongs to a group.
- **Move Object** – Moves an object to a new location in Active Directory.
- **Rename Object** – Renames an Active Directory object.

Users activities

- **Create User** – Creates a new user account in Active Directory.
- **User Exists** – Checks if a user account exists in Active Directory.
- **Delete User** – Permanently deletes a user account from Active Directory.
- **Get User Status** – Retrieves the lock and active status of a user account.
- **Set User Status** – Sets the status of a user account.
- **Change User Password** – Changes the password of a user account.
- **Get Password Expiration Date** – Retrieves the password expiration date for the specified user.
- **Force Password Change** – Forces the user to change password at the next login.
- **Get User Expiration Date** – Retrieves the expiration date for a given user account.
- **Set User Expiration Date** – Sets the expiration date for a given user account.
- **Add User to Group** – Adds a user account to a group.
- **Remove User from Group** – Removes a user account from a group.

- **Get User Groups** – Retrieves the list of groups a user account is a member of.
- **Get Users in Group** – Retrieves the list of user accounts belonging to the specified group.

Group activities

- **Create Group** – Creates a new group in Active Directory.
- **Group Exists** – Checks if a group exists in Active Directory.
- **Delete Group** – Deletes a group from Active Directory.
- **Add Group to Group** – Adds a group to another group.
- **Remove Group from Group** – Removes a group from another group.

Computers activities

- **Create Computer** – Creates a new computer in Active Directory.
- **Computer Exists** – Checks if a computer exists in Active Directory.
- **Delete Computer** – Deletes a computer from Active Directory.
- **Add Computer to Group** – Adds a computer to the specified group.
- **Remove Computer from Group** – Removes a computer from the specified group.
- **Get Computer Status** – Retrieves the active status of a computer.
- **Set Computer Status** – Sets the active status of a computer.
- **Join Computer to Domain** – Adds a computer to the domain.
- **Unjoin Computer from Domain** – Removes a computer from the domain.

Cloud. Azure

Official Documentation: <https://docs.uipath.com/activities/docs/cloud>

Community Forum preview launch article: <https://forum.uipath.com/t/azure-activities-now-in-public-preview/153044>

Activities list:

- **Azure Scope** – Connects to Azure and provides a scope for other Azure activities.

Key Vaults

- **Get Secrets** - Retrieves a list of secrets.
- **Delete Secret** - Deletes a Key Vault secret.

Networking \ Network Interfaces

- **Create Network Interface** - Creates or updates a network interface.
- **Get Network Interface** - Gets the details of a network interface.

- **Delete Network Interface** - Deletes a network interface.
- **Get VM Network Interface List** - Gets all network interfaces associated with a virtual machine.
- **Get NSG Network Interface List** - Gets all network interfaces associated with a network security group.
- **For Each Network Interface** - Performs an activity or a series of activities on each network interface within the current subscription matching the filter criteria.
- **Create IP Configuration** - Creates or updates an IP configuration.
- **Delete IP Configuration** - Deletes an IP configuration.

Networking \ Network Security Groups

- **Create NSG** - Creates or updates a network security group.
- **Get NSG** - Gets the details of a network security group.
- **Delete NSG** - Deletes a network security group.
- **For Each NSG** - Performs an activity or a series of activities on each network security group within the current subscription matching the filter criteria.
- **Get VM NSG List** - Gets all network security groups associated with a virtual machine.

Networking \ Network Security Groups \ Security Rules

- **Create Security Rule** - Creates or updates a security rule in the specified network security group.
- **Get Security Rule** - Gets the details of a security rule.
- **Get Security Rule List** - Gets all security rules in a network security group.
- **Delete Security Rule** - Deletes a security rule.

Resource Groups

- **Create Resource Group** – Creates a new resource group or updates an existing one.
- **Get Resource Group** – Retrieves the details of a resource group.
- **Get Resource Group List** – Retrieves the list of resource groups in the current subscription.
- **Delete Resource Group** – Permanently deletes the specified resource group and all the resources in it.

Security \ Alerts

- **Get Security Alert** - Gets the details of a security alert at subscription or resource group level.
- **For Each Security Alert** - Performs an activity or a series of activities on each security alert matching the filter criteria.
- **Set Security Alert State** - Reactivates or dismisses a security alert.

Storage \ Storage Accounts

- **Create Storage Account** – Creates a new storage account or updates an existing one.
- **Delete Storage Account** – Deletes the specified storage account.
- **Get Storage Account** – Retrieves the details of the specified storage account.
- **Get Storage Account List** – Retrieves a list of storage accounts in the current subscription.
- **Get Storage Account Key** – Retrieves the storage account key for the specified storage account.
- **Regenerate Storage Account Key** - Generates a new storage account key.

Storage \ Blob Containers

- **Create Blob Container** – Creates a new blob container under the specified storage account or updates an existing one.
- **Delete Blob Container** – Deletes the specified blob container.
- **Get Blob Container** – Retrieves the details for the specified blob container.
- **Get Blob Container List** – Retrieves the blob containers from the specified storage account.
- **For Each Blob Container** – Performs an activity or a series of activities on each blob container in the specified storage account.
- **Get Blob** – Retrieves the details about a specified blob.
- **Get Blob List** – Retrieves the list of blobs in the specified container.
- **For Each Blob in Container** – Performs an activity or a series of activities on each blob in a specified container.
- **Upload Blob from File** – Creates a new blob or updates an existing one from the specified file.
- **Append to Blob** - Appends a block from a specified file to an existing Append blob.
- **Download Blob to File** - Downloads a blob to a specified file.
- **Copy Blob** - Copies a blob to another blob container within the storage account.
- **Delete Blob** - Deletes the specified blob.
- **Set Blob Tier** - Sets the access tier for blob.

Storage \ Tables

- **Create Table** – Creates a new table under the specified storage account.
- **Get Table** – Retrieves the details for the specified table.
- **Get Table List** – Retrieves the tables from the specified storage account.
- **Delete Table** – Deletes the specified table.
- **Insert Rows** – Inserts new rows in the specified table or replaces them if they already exist.
- **Get Row** – Retrieves the specified table row.
- **Delete Rows** – Deletes the specified rows.
- **Get Rows by Filter** – Retrieves the list of rows matching the filter criteria.
- **For Each Row In Table** – Retrieves the list of rows matching the filter criteria.

Virtual Machines \ Disks

- **Attach VM Data Disk** – Attaches an existing data disk to the specified virtual machine.
- **Detach VM Data Disk** – Detaches the specified data disk from the virtual machine.
- **Get VM Disk List** – Retrieves all disks associated with the specified virtual machine.
- **Get Disk List** – Retrieves all disks in the current subscription.
- **Get Disk** – Retrieves the details of a specified disk.

Virtual Machines

- **Create VM** – Creates a new virtual machine from a disk or image.
- **Get VM** – Retrieves the details of a specified virtual machine.
- **Get VM List** – Retrieves a list of virtual machines within the current subscription.
- **Get VM Custom Image List** – Retrieves a list of custom virtual machines images within the current subscription.
- **Get VM Custom Image** – Retrieves the details about a custom virtual machine image.
- **Get VM Image by Publisher** – Retrieves the details about a custom virtual machine image from a specified publisher.
- **Start VM** – Starts the specified virtual machine.
- **Stop VM** – Stops a virtual machine by deallocating the hardware and network resources Azure previously provisioned for it.
- **Shutdown VM** - Shuts down the Operating System of the specified virtual machine.
- **Restart VM** – Restarts a virtual machine.
- **Delete VM** – Deletes the specified virtual machine.
- **Get RDP Files** – Retrieves the RDP (Remote Desktop Protocol) file(s) for a specified virtual machine.
- **Configure Robot** – Connects the Robot in a given virtual machine to UiPath Orchestrator.
- **Run Script in VM** – Runs a script on the specified virtual machine.

Server Virtualization. VMware

Official Documentation: <https://docs.uipath.com/activities/docs/server-virtualization>

Community Forum preview launch article: <https://forum.uipath.com/t/it-automation-activities-for-vmware/125378>

Activities list:

- **VMware Scope** – A container that provides a scope for VMware activities.

Datastores

- **Get Datastore** - Retrieves details of a given Datastore from a specified Host.

- **Get Datastore List** - Retrieves a list containing all the Datastores of a specified Host.

Hosts

- **Get Host** - Retrieves details of a given Host from the specified Datacenter.
- **Get Host List** - Retrieves a list of all the Hosts in a specified Datacenter.

Virtual Machines

- **Create VM From Template** – Creates a new virtual machine based on an existing virtual machine template.
- **Customize VM** – Customize the Guest OS of the given virtual machine.
- **Get VM** – Retrieves details about a virtual machine.
- **Get VM List** – Obtains the list of virtual machines from a given folder.
- **Power On VM** – Powers on a virtual machine.
- **Power Off VM** – Powers off a virtual machine.
- **Restart VM** – Restarts a virtual machine.
- **Delete VM** – Deletes a virtual machine from disk.
- **Suspend VM** - This activity suspends a running virtual machine.
- **Rename VM** - This activity renames a virtual machine.
- **Move VM To Folder** - This activity moves a virtual machine or template to a new location.
- **Migrate VM** - This activity migrates a virtual machine to another host and/or datastore.
- **Get Template List** - This activity obtains the list of templates from a given folder.
- **Convert Template to VM** - Converts a template to a virtual machine.
- **Convert VM to Template** - Converts a specified virtual machine to a template.
- **Export OVF Template** - This activity exports a virtual machine as an OVF Template.
- **Deploy OVF Template** - Deploys an OVF Template to a virtual machine.
- **Configure Robot** – Connects the Robot in the given virtual machine to Orchestrator.
- **Run Program in VM** – Runs a program inside a given virtual machine's Guest OS.

Virtual Machines \ Snapshots

- **Delete All VM Snapshots** - Deletes all the snapshots of a specified virtual machine.
- **Delete VM Snapshot** - Deletes a specified snapshot of a virtual machine.
- **Get VM Snapshot List** - Retrieves all the snapshots of a specified virtual machine.
- **Revert VM to Snapshot** - Reverts a specified virtual machine to a given snapshot. If no snapshot is specified, the virtual machine remains unchanged.
- **Take VM Snapshot** - Creates a snapshot for a specified virtual machine.

Virtual Machines \ Organization

- **Assign Tag to VM** - Assigns a tag to a virtual machine or template.
- **Remove Tag from VM** - Removes a tag from a virtual machine or template.
- **Assign Tag to Folder** - Assigns a tag to a folder.
- **Remove Tag from Folder** - Removes a tag from a folder.
- **Create Folder** - Creates a new VM and Template folder.
- **Get Folder** - Retrieves the details of a folder.
- **Rename Folder** - Renames a folder.
- **Move Folder** - Moves a folder to a new location.
- **Delete Folder** - Deletes a folder and all its subfolders.

Virtual Machines \ Tools

- **Mount Tools Installer** - Mounts VMware Tools Installer for a virtual machine. The virtual machine must be powered on.
- **Unmount Tools Installer** - Unmounts VMware Tools Installer for a virtual machine. The virtual machine must be powered on.
- **Upgrade Tools** - Upgrade the VMware Tools for a virtual machine. The virtual machine must be powered on.

Server Virtualization. Citrix

Official Documentation: <https://docs.uipath.com/activities/docs/citrix-server-virtualization>

Community Forum preview launch article: <https://forum.uipath.com/t/citrix-activities-are-now-in-public-preview/153057>

Activities list:

- **Citrix Scope** – Connects to a Citrix Hypervisor server and provides a scope for other Citrix activities.

Virtual Machines

- **Create VM From Template** – Creates a new virtual machine based on an existing template.
- **Get VM by UUID** – Retrieves the details of the specified virtual machine or template.
- **Get VM List** – Retrieves a list of virtual machines.
- **Get Template List** – Retrieves a list of templates.
- **Power On VM** – Powers on a virtual machine.
- **Power Off VM** – Powers off a virtual machine.
- **Restart VM** – Restarts a virtual machine.
- **Delete VM** – Deletes a specified virtual machine or template.
- **Rename VM** – Renames a virtual machine or template.
- **Suspend VM** – Suspends a running virtual machine.
- **Resume VM** – Resumes a suspended virtual machine.

Virtual Machines \ Snapshots

- **Take VM Snapshot** – Takes a snapshot of the specified virtual machine.
- **Get VM Snapshot List** – Retrieves all snapshots of the specified virtual machine.

- **Delete VM Snapshot** – Deletes a given snapshot of the specified virtual machine.
- **Delete All VM Snapshots** – Deletes all snapshots of the specified virtual machine.
- **Revert VM to Snapshot** – Reverts the virtual machine to a specified snapshot.

Virtual Machines \ Organization

- **Add Tag to VM** – Add a tag to the specified virtual machine or template.
- **Remove Tag from VM** – Remove a tag from the specified virtual machine or template.
- **Add VM to Folder** – Adds the specified virtual machine or template to a folder.
- **Remove VM from Folder** – Removes the specified virtual machine or template from a folder.

Servers

- **Get Server List** – Retrieves the list of all Citrix Hypervisor Servers from the pool associated with the current session.
- **Get Storage Repositories** – Retrieves details about the storage repositories associated with a Citrix Hypervisor Server.

Server Virtualization. Microsoft Hyper-V

Official Documentation: <https://docs.uipath.com/activities/docs/about-the-hyperv-activities-pack>

Community Forum preview launch article: <https://forum.uipath.com/t/microsoft-hyper-v-activities-are-now-in-public-preview/216310>

Activities list:

Scope

- **HyperV Scope** – Connects to a Hyper-V Host and provides a scope for other Hyper-V activities.

Virtual Machines

- **Create VM From Template** - Provisions a new virtual machine from a template.
- **Get VM by ID** - Retrieves the details of the specified virtual machine.
- **Get VM List** - Retrieves a list of virtual machines.
- **Start VM** - Starts a virtual machine.
- **Turn Off VM** - Turns off a virtual machine.
- **Shutdown VM** - Shuts down the Operating System of the specified virtual machine.
- **Pause VM** - Pauses a virtual machine.
- **Resume VM** - Resumes a virtual machine.
- **Reset VM** - Resets a virtual machine.
- **Rename VM** - Renames a virtual machine.
- **Delete VM** - Deletes a virtual machine.

- **Import VM** - Imports a virtual machine.
- **Export VM** - Exports a virtual machine.
- **Configure Robot** - Connects the Robot in a given VM to Orchestrator

Virtual Machines \ Checkpoints

- **Take VM Checkpoint** - Takes a checkpoint of the specified virtual machine.
- **Get VM Checkpoint List** - Retrieves all checkpoints of the specified virtual machine.
- **Delete VM Checkpoint** - Deletes a given checkpoint of the specified virtual machine.
- **Delete All VM Checkpoints** - Deletes all checkpoints of the specified virtual machine.
- **Revert VM to Checkpoint** - Reverts the virtual machine to a specified checkpoint. If no checkpoint exists, the activity does nothing and the virtual machine state remains unchanged.

Microsoft Exchange Server (administrative)

Official Documentation: <https://docs.uipath.com/activities/docs/exchange-server-administration>

Community Forum preview launch article: <https://forum.uipath.com/t/it-automation-activities-for-microsoft-exchange-server/137969>

Activities list:

- **Exchange Server Scope** – Provides a scope for Exchange Server activities.
- **Create Mailbox** – Creates a new mailbox for an existing Active Directory user account.
- **Delete Mailbox** - Deletes the mailbox for a specified Active Directory user account.
- **Enable Mailbox Archive** - Enables the archive for the specified mailbox.
- **Disable Mailbox Archive** - Disables the archive for the specified mailbox.

Microsoft Azure Active Directory

Official Documentation: <https://docs.uipath.com/activities/docs/identity-services>

Community Forum preview launch article: <https://forum.uipath.com/t/azure-active-directory-azure-ad-activities-are-now-in-public-preview/165120>

Activities list:

Scope

- **Azure AD Application Scope** – Provides an application permission scope for other Azure Active Directory activities. Activities executed using an application scope are executed on behalf of an application.
- **Azure AD Delegated Scope** – Provides a delegated permission scope for other Azure Active Directory activities. Activities executed using a delegated scope are always executed on behalf of an authenticated user.

Users

- **Create User** – Creates a new user account in Azure Active Directory.
- **Update User** – Updates the properties of an existing user.
- **Delete User** – Deletes a user from Azure Active Directory.
- **Get User** – Gets detailed information about a user.
- **For Each User** – Performs an activity or a series of activities on each user matching a filter criteria.
- **User Exists** – Checks if a user exists in Azure Active Directory.
- **Reset Password** – Resets the password for a user.
- **For Each User Group** – Performs an activity or a series of activities on each group the user is a direct member of.
- **For Each User Role** – Performs an activity or a series of activities on each directory role the user is a member of.

Users \ Manager

- **Get Manager** – Gets the user's manager.
- **Set Manager** – Sets the user's manager.
- **For Each Direct Report** – Performs an activity or a series of activities on each direct report of a user.

Users \ Licenses

- **Assign License** - Assigns a license for a user.
- **Remove License** - Removes a license for a user.

Groups

- **Create Assigned Group** – Creates a new assigned group in Azure Active Directory.
- **Update Group** – Updates the properties of an existing group.
- **Group Exists** – Checks if a group exists in Azure Active Directory.
- **Get Group by Id** – Gets detailed information about a group.
- **For Each Group** – Performs an activity or a series of activities on each group matching a filter criteria.
- **Delete Group** – Deletes a group from Azure Active Directory.
- **Get Group by Name** - Gets detailed information about the first group having the specified displayed name.

Groups \ Lifecycle Policies

- **Create Lifecycle Policy** – Creates a lifecycle policy for an Office 365 group.
- **Update Lifecycle Policy** – Updates an existing lifecycle policy.
- **Delete Lifecycle Policy** – Deletes a lifecycle policy.
- **Add Group to Lifecycle Policy** – Adds a group to a lifecycle policy.
- **Remove Group from Lifecycle Policy** – Removes a group from a lifecycle policy.
- **Is Group in Lifecycle Policy** – Checks whether a group is member of a lifecycle policy.
- **For Each Lifecycle Policy** – Performs an activity or a series of activities on each lifecycle policy.

Groups \ Membership

- **Add Member to Group** – Adds a member to a group.
- **Remove Member from Group** – Removes a member from a group.
- **Is Member of Group** – Checks whether a given object belongs to a group.
- **For Each User in Group** – Performs an activity or a series of activities on each user which is a direct member of a group.
- **For Each Group in Group** – Performs an activity or a series of activities on each group which is a direct member of a group.
- **For Each Parent Group** – Performs an activity or a series of activities on each parent group of the specified group.

Groups \ Ownership

- **Add Owner to Group** – Adds an owner to a group.
- **Remove Owner from Group** – Removes an owner from a group.
- **Is Owner of Group** – Checks whether a given object is an owner of a group.
- **For Each User in Group Owners** - Performs an activity or a series of activities on each user which is an owner of the group.

Directory Roles

- **Add Member to Role** – Adds a user or a service principal to a directory role.
- **Remove Member from Role** – Removes a user or a service principal from a directory role.
- **Is Member in Role** – Checks whether a given user or service principal is in a directory role.
- **For Each User in Role** – Performs an activity or a series of activities on each user that is a member of a directory role.
- **For Each Role** – Performs an activity or a series of activities on each role in Azure Active Directory.

Cloud. Amazon AWS

Official Documentation: <https://docs.uipath.com/activities/docs/aws-cloud>

Community Forum preview launch article: <https://forum.uipath.com/t/amazon-web-services-aws-activities-are-now-in-public-preview/178047>

Activities list:

S3 \ Buckets

- **Create Bucket** – Creates a new S3 bucket. All public access to this bucket will be blocked by default.
- **Update Bucket Properties** – Updates the properties of an existing bucket.
- **Configure Logging for Bucket** – Configures the logging settings for the bucket.
- **Empty Bucket** – Removes all the content of a bucket.
- **Delete Bucket** – Deletes a bucket.
- **Get Bucket** – Gets information about a specific bucket.
- **Get Bucket List** – Gets the list of buckets in a specific region.
- **Configure Public Access to Bucket** – Configures the public access for a bucket.
- **Get Bucket Policy** – Gets the bucket policy.
- **Set Bucket Policy** – Sets the bucket policy.
- **Delete Bucket Policy** – Deletes the current bucket policy.

Cloud \ AWS \ S3 \ Objects

- **Get Object** – Retrieves the details of the specified object.
- **Delete Single Object** – Deletes the specified object.
- **Delete Multiple Objects** – Deletes multiple objects at once.
- **Copy Object** – Copies an object to another bucket.
- **Upload Object from File** – Uploads a file to a bucket.
- **Upload Objects from Folder** – Uploads an entire folder to a bucket.
- **Download Object to File** – Downloads an object to a specified file.
- **For Each Object in Bucket** - Performs an activity or a series of activities on each object in a specified bucket.
- **Set Object ACL** – Sets the access control list (ACL) permissions for an object.
- **Get Object ACL** – Gets the access control list (ACL) permissions for an object.
- **Cloud \ AWS \ EC2 \ Instances**
- **Create Instance** – Creates a new instance.
- **Create Instance from Launch Template** - Creates a new instance from a launch template.
- **Get Instance by ID** – Gets the details of the specified instance.
- **Get Instance List** - Gets the list of instances matching the filter criteria.
- **Start Instance** – Starts an instance.

- **Stop Instance** – Stops an instance.
- **Reboot Instance** – Reboots an instance.
- **Terminate Instance** – Terminates an instance.
- **Configure Robot** - Connects the Robot from a given instance to the UiPath Orchestrator.
- **Run PowerShell Command** - Runs a PowerShell command on a EC2 instance.

IT Orchestration. Microsoft System Center

Official Documentation: <https://docs.uipath.com/releases/notes/docs/uipath-system-center-activities>

Community Forum preview launch article: <https://forum.uipath.com/t/activities-for-microsoft-system-center-orchestrator-are-now-in-public-preview/225676>

Activities list:

Scope

- **System Center Orchestrator Scope** - Connects to System Center Orchestrator and provides a scope for other Orchestrator activities.

Runbook Servers

- **Get Runbook Servers** - Gets all runbook servers collection.

Runbooks

- **Get Runbook By Id** - Get details about a runbook based on its unique identifier.
- **Get Runbook By Path** - Get details about a runbook based on its full path.
- **For Each Runbook** - Performs an activity or a series of activities on each runbook matching the filter criteria.
- **Get Runbook Instances** - Gets the instances of a runbook matching the filter criteria.
- **Start Runbook** - Starts a runbook.
- **Stop Runbook** - Stops a runbook.

Jobs

- **Get Job** - Gets details about a runbook job.
- **For Each Job** - Performs an activity or a series of activities on each runbook job matching the filter criteria.
- **Stop Job** - Stops a runbook job.

Events

- **For Each Event** - Performs an activity or a series of activities on each event matching the filter criteria.

Public preview

Activities available in public preview, on the [beta feed](#):

-