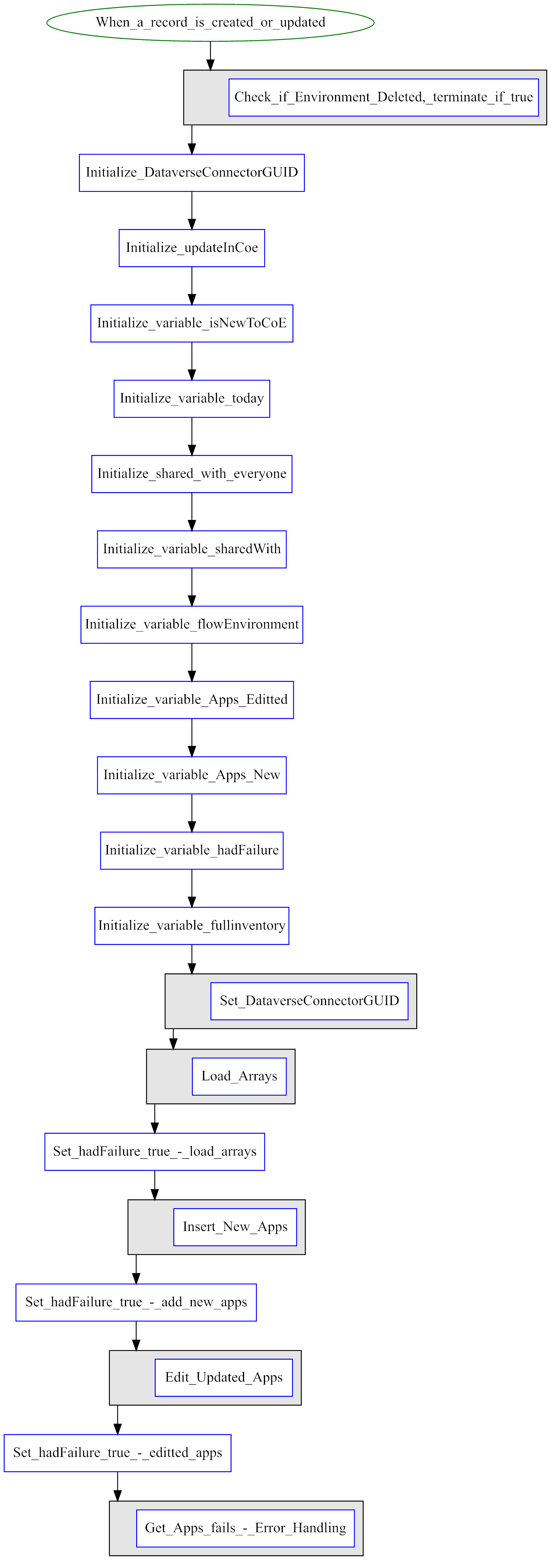
# Flow Documentation

|  |  |
| --- | --- |
| **Flow Name** | AdminSyncTemplatev3Apps-2617D7A7-2C3B-EB11-A813-000D3A1BB495 |

## Flow Overview

The following chart shows the top level layout of the Flow. For a detailed view, please visit the section called Detailed Flow Diagram



## Connections

The following connections are used in this Flow:

### Microsoft Dataverse

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Connection Type** | ConnectorReference |
| **Connection Reference Name** | admin\_CoECoreDataverse |
| **Source** | embedded |

### Office 365 Users

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | [|  |  | | --- | --- | |  | Office 365 Users |](https://docs.microsoft.com/connectors/office365users) |
| **Connection Type** | ConnectorReference |
| **Connection Reference Name** | admin\_CoECoreO365Users |
| **Source** | embedded |

### Power Apps for Admins

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | [|  |  | | --- | --- | |  | Power Apps for Admins |](https://docs.microsoft.com/connectors/powerappsforadmins) |
| **Connection Type** | ConnectorReference |
| **Connection Reference Name** | admin\_CoECorePowerAppsAdmin |
| **Source** | embedded |

### HTTP with Azure AD

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | [|  |  | | --- | --- | |  | HTTP with Azure AD |](https://docs.microsoft.com/connectors/webcontents) |
| **Connection Type** | ConnectorReference |
| **Connection Reference Name** | admin\_CoECoreHTTPWithAzureAD |
| **Source** | embedded |

## Trigger

|  |  |
| --- | --- |
| **Name** | When\_a\_record\_is\_created\_or\_updated |
| **Type** | OpenApiConnectionWebhook |
| **Connector** | shared\_commondataserviceforapps |
| **Inputs Details** |  |
| **authentication** | @parameters('$authentication') |
| **host** | { "apiId": "/providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps", "connectionName": "shared\_commondataserviceforapps", "operationId": "SubscribeWebhookTrigger" } |
| **parameters** | { "subscriptionRequest/entityname": "admin\_environment", "subscriptionRequest/message": 4, "subscriptionRequest/scope": 4 } |

## Actions

The following actions are used in this Flow:

### Check\_if\_Environment\_Deleted,\_terminate\_if\_true

|  |  |
| --- | --- |
| **Name** | Check\_if\_Environment\_Deleted,\_terminate\_if\_true |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | equals | @triggerOutputs()?['body/admin\_environmentdeleted']  @true | |
| Subactions | [Terminate\_for\_environments\_marked\_deleted](#Terminate_for_environments_marked_deleted) |

### Terminate\_for\_environments\_marked\_deleted

|  |  |
| --- | --- |
| **Name** | Terminate\_for\_environments\_marked\_deleted |
| **Type** | Terminate |
| **Inputs** |  |
| **runStatus** | Succeeded |

### Edit\_Updated\_Apps

|  |  |
| --- | --- |
| **Name** | Edit\_Updated\_Apps |
| **Type** | Scope |
| Subactions | [Apply\_to\_each\_editted](#Apply_to_each_editted) |

### Set\_hadFailure\_true\_-\_add\_new\_apps

|  |  |
| --- | --- |
| **Name** | Set\_hadFailure\_true\_-\_add\_new\_apps |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | hadFailure |
| **value** | @true |

### Apply\_to\_each\_editted

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_editted |
| **Type** | Foreach |
| Subactions | [Check\_if\_App\_Shared\_with\_Tenant\_Editted](#Check_if_App_Shared_with_Tenant_Editted)  [Prepare\_App\_Connection\_References\_Updated](#Prepare_App_Connection_References_Updated)  [Store\_App\_Connection\_References\_Editted](#Store_App_Connection_References_Editted)  [Store\_App\_Dataverse\_References\_Editted](#Store_App_Dataverse_References_Editted)  [Update\_App\_Details\_Editted](#Update_App_Details_Editted) |

### Check\_if\_App\_Shared\_with\_Tenant\_Editted

|  |  |
| --- | --- |
| **Name** | Check\_if\_App\_Shared\_with\_Tenant\_Editted |
| **Type** | Scope |
| Subactions | [only\_if\_not\_SP\_App\_Editted](#only_if_not_SP_App_Editted) |

### only\_if\_not\_SP\_App\_Editted

|  |  |
| --- | --- |
| **Name** | only\_if\_not\_SP\_App\_Editted |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @item()?['properties']?['embeddedApp']?['type']  SharepointFormApp | | |
| Subactions | [Filter\_array\_Editted](#Filter_array_Editted)  [Get\_App\_Role\_Assignments\_as\_Admin\_Editted](#Get_App_Role_Assignments_as_Admin_Editted) |

### Filter\_array\_Editted

|  |  |
| --- | --- |
| **Name** | Filter\_array\_Editted |
| **Type** | Query |
| **Inputs** |  |
| **from** | @outputs('Get\_App\_Role\_Assignments\_as\_Admin\_Editted')?['body/value'] |
| **where** | @equals(item()?['properties/principal/type'], 'Tenant') |

### Get\_App\_Role\_Assignments\_as\_Admin\_Editted

|  |  |
| --- | --- |
| **Name** | Get\_App\_Role\_Assignments\_as\_Admin\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Power Apps for Admins |](https://docs.microsoft.com/connectors/powerappsforadmins) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_powerappsforadmins |  |  |  | | --- | --- | | connectionName | shared\_powerappsforadmins |  |  |  | | --- | --- | | operationId | Get-AdminAppRoleAssignment | |
| **parameters** | |  |  | | --- | --- | | $top | 250 |  |  |  | | --- | --- | | api-version | 2016-11-01 |  |  |  | | --- | --- | | app | @items('Apply\_to\_each\_editted')?['name'] |  |  |  | | --- | --- | | environment | @triggerOutputs()?['body/admin\_environmentname'] | |

### Prepare\_App\_Connection\_References\_Updated

|  |  |
| --- | --- |
| **Name** | Prepare\_App\_Connection\_References\_Updated |
| **Type** | Scope |
| Subactions | [check\_if\_edited\_app\_has\_connections](#check_if_edited_app_has_connections) |

### check\_if\_edited\_app\_has\_connections

|  |  |
| --- | --- |
| **Name** | check\_if\_edited\_app\_has\_connections |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_editted')?['properties/connectionReferences']  @null | | |
| Subactions | [Compose\_comma-separated\_list\_of\_edited\_connection\_references](#Compose_comma-separated_list_of_edited_connection_references)  [Parse\_JSON\_-\_Connection\_References\_Edited](#Parse_JSON_-_Connection_References_Edited)  [Select\_Connector\_Display\_Name\_edit](#Select_Connector_Display_Name_edit) |

### Compose\_comma-separated\_list\_of\_edited\_connection\_references

|  |  |
| --- | --- |
| **Name** | Compose\_comma-separated\_list\_of\_edited\_connection\_references |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @concat(join(body('Select\_Connector\_Display\_Name\_edit'), ','), if(empty(items('Apply\_to\_each\_editted')?['properties/databaseReferences']), '', ',Microsoft Dataverse')) |

### Select\_Connector\_Display\_Name\_edit

|  |  |
| --- | --- |
| **Name** | Select\_Connector\_Display\_Name\_edit |
| **Type** | Select |
| **Inputs** |  |
| **from** | @body('Parse\_JSON\_-\_Connection\_References\_Edited') |
| **select** | @item()['displayName'] |

### Parse\_JSON\_-\_Connection\_References\_Edited

|  |  |
| --- | --- |
| **Name** | Parse\_JSON\_-\_Connection\_References\_Edited |
| **Type** | ParseJson |
| **Inputs** |  |
| **content** | @items('Apply\_to\_each\_editted')?['properties/connectionReferences'] |
| **schema** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | items | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | properties | |  |  |  |  | | --- | --- | --- | --- | | apiTier | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | bypassConsent | |  |  | | --- | --- | | type | boolean | |  |  |  |  |  | | --- | --- | --- | --- | | displayName | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | iconUri | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | id | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | isCustomApiConnection | |  |  | | --- | --- | | type | boolean | |  |  |  |  |  | | --- | --- | --- | --- | | isOnPremiseConnection | |  |  | | --- | --- | | type | boolean | | |  |  |  | | --- | --- | | required | iconUri  displayName  isOnPremiseConnection  isCustomApiConnection  bypassConsent  id |  |  |  | | --- | --- | | type | object | |  |  |  | | --- | --- | | type | array | |

### Store\_App\_Connection\_References\_Editted

|  |  |
| --- | --- |
| **Name** | Store\_App\_Connection\_References\_Editted |
| **Type** | Scope |
| Subactions | [Check\_if\_App\_Connection\_References\_are\_not\_null\_Editted](#Check_if_App_Connection_References_are_not_null_Editted)  [Delete\_this\_apps\_existing\_connection\_references\_Editted](#Delete_this_apps_existing_connection_references_Editted)  [List\_App\_Connection\_References\_Editted](#List_App_Connection_References_Editted) |

### Update\_App\_Details\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_App\_Details\_Editted |
| **Type** | Scope |
| Subactions | [Get\_PowerApp\_Owner\_profile\_for\_Editted](#Get_PowerApp_Owner_profile_for_Editted)  [Switch\_Editted](#Switch_Editted) |

### Check\_if\_App\_Connection\_References\_are\_not\_null\_Editted

|  |  |
| --- | --- |
| **Name** | Check\_if\_App\_Connection\_References\_are\_not\_null\_Editted |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_editted')?['properties/connectionReferences']  @null | | |
| Subactions | [Apply\_to\_each\_Connection\_Reference\_2](#Apply_to_each_Connection_Reference_2)  [Apply\_to\_each\_Custom\_Connection\_Reference\_2](#Apply_to_each_Custom_Connection_Reference_2)  [Filter\_custom\_2](#Filter_custom_2)  [Filter\_non\_custom\_2](#Filter_non_custom_2) |

### Delete\_this\_apps\_existing\_connection\_references\_Editted

|  |  |
| --- | --- |
| **Name** | Delete\_this\_apps\_existing\_connection\_references\_Editted |
| **Type** | Foreach |
| Subactions | [Delete\_this\_record\_2](#Delete_this_record_2) |

### Apply\_to\_each\_Connection\_Reference\_2

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_Connection\_Reference\_2 |
| **Type** | Foreach |
| Subactions | [Connecor\_Name\_2](#Connecor_Name_2)  [ConnectorID\_2](#ConnectorID_2)  [Filter\_current\_app\_Connector\_2](#Filter_current_app_Connector_2)  [mark\_broken\_connector\_or\_insert\_connection\_reference\_2](#mark_broken_connector_or_insert_connection_reference_2)  [split\_on\_slash\_2](#split_on_slash_2) |

### Filter\_non\_custom\_2

|  |  |
| --- | --- |
| **Name** | Filter\_non\_custom\_2 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @body('Parse\_JSON\_-\_Connection\_References\_Edited') |
| **where** | @equals(item()['isCustomApiConnection'], false) |

### Connecor\_Name\_2

|  |  |
| --- | --- |
| **Name** | Connecor\_Name\_2 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @last(outputs('split\_on\_slash\_2')) |

### split\_on\_slash\_2

|  |  |
| --- | --- |
| **Name** | split\_on\_slash\_2 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @split(outputs('ConnectorID\_2'), '/') |

### ConnectorID\_2

|  |  |
| --- | --- |
| **Name** | ConnectorID\_2 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @items('Apply\_to\_each\_Connection\_Reference\_2')['id'] |

### Filter\_current\_app\_Connector\_2

|  |  |
| --- | --- |
| **Name** | Filter\_current\_app\_Connector\_2 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @outputs('List\_Connectors')?['body/value'] |
| **where** | @equals(item()?['admin\_name'], outputs('Connecor\_Name\_2')) |

### mark\_broken\_connector\_or\_insert\_connection\_reference\_2

|  |  |
| --- | --- |
| **Name** | mark\_broken\_connector\_or\_insert\_connection\_reference\_2 |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(body('Filter\_current\_app\_Connector\_2'))  0 | |
| Subactions | [Create\_a\_new\_App\_Connection\_2](#Create_a_new_App_Connection_2) |
| Elseactions | [Mark\_app\_as\_having\_broken\_connections\_2](#Mark_app_as_having_broken_connections_2) |

### Create\_a\_new\_App\_Connection\_2

|  |  |
| --- | --- |
| **Name** | Create\_a\_new\_App\_Connection\_2 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | item/admin\_App@odata.bind | admin\_apps(@{items('Apply\_to\_each\_editted')?['name']}) |  |  |  | | --- | --- | | item/admin\_Connector@odata.bind | admin\_connectors(@{first(body('Filter\_current\_app\_Connector\_2'))?['admin\_connectorid']}) |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_Connection\_Reference\_2')?['displayName'] | |

### Mark\_app\_as\_having\_broken\_connections\_2

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_having\_broken\_connections\_2 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | True |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Apply\_to\_each\_Custom\_Connection\_Reference\_2

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_Custom\_Connection\_Reference\_2 |
| **Type** | Foreach |
| Subactions | [Connecor\_Name\_custom\_2](#Connecor_Name_custom_2)  [ConnectorID\_custom\_2](#ConnectorID_custom_2)  [Filter\_current\_app\_Connector\_custom\_2](#Filter_current_app_Connector_custom_2)  [mark\_broken\_connector\_or\_insert\_connection\_reference\_for\_custom\_2](#mark_broken_connector_or_insert_connection_reference_for_custom_2)  [split\_on\_slash\_custom\_2](#split_on_slash_custom_2) |

### Filter\_custom\_2

|  |  |
| --- | --- |
| **Name** | Filter\_custom\_2 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @body('Parse\_JSON\_-\_Connection\_References\_Edited') |
| **where** | @equals(item()['isCustomApiConnection'], true) |

### Connecor\_Name\_custom\_2

|  |  |
| --- | --- |
| **Name** | Connecor\_Name\_custom\_2 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @last(outputs('split\_on\_slash\_custom\_2')) |

### split\_on\_slash\_custom\_2

|  |  |
| --- | --- |
| **Name** | split\_on\_slash\_custom\_2 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @split(outputs('ConnectorID\_custom\_2'), '/') |

### ConnectorID\_custom\_2

|  |  |
| --- | --- |
| **Name** | ConnectorID\_custom\_2 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @items('Apply\_to\_each\_Custom\_Connection\_Reference\_2')['id'] |

### Filter\_current\_app\_Connector\_custom\_2

|  |  |
| --- | --- |
| **Name** | Filter\_current\_app\_Connector\_custom\_2 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @outputs('List\_Connectors')?['body/value'] |
| **where** | @equals(item()?['admin\_name'], outputs('Connecor\_Name\_custom\_2')) |

### mark\_broken\_connector\_or\_insert\_connection\_reference\_for\_custom\_2

|  |  |
| --- | --- |
| **Name** | mark\_broken\_connector\_or\_insert\_connection\_reference\_for\_custom\_2 |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(body('Filter\_current\_app\_Connector\_custom\_2'))  0 | |
| Subactions | [Create\_a\_new\_App\_Connection\_for\_Custom\_2](#Create_a_new_App_Connection_for_Custom_2) |
| Elseactions | [Mark\_app\_as\_having\_broken\_connections\_for\_custom\_2](#Mark_app_as_having_broken_connections_for_custom_2) |

### Create\_a\_new\_App\_Connection\_for\_Custom\_2

|  |  |
| --- | --- |
| **Name** | Create\_a\_new\_App\_Connection\_for\_Custom\_2 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | item/admin\_App@odata.bind | admin\_apps(@{items('Apply\_to\_each\_editted')?['name']}) |  |  |  | | --- | --- | | item/admin\_Connector@odata.bind | admin\_connectors(@{first(body('Filter\_current\_app\_Connector\_custom\_2'))?['admin\_connectorid']}) |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_Custom\_Connection\_Reference\_2')?['displayName'] | |

### Mark\_app\_as\_having\_broken\_connections\_for\_custom\_2

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_having\_broken\_connections\_for\_custom\_2 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | True |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### List\_App\_Connection\_References\_Editted

|  |  |
| --- | --- |
| **Name** | List\_App\_Connection\_References\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_App/admin\_appid eq @{items('Apply\_to\_each\_editted')?['name']} |  |  |  | | --- | --- | | $select | admin\_connectionreferenceid, admin\_displayname |  |  |  | | --- | --- | | entityName | admin\_connectionreferences | |

### Delete\_this\_record\_2

|  |  |
| --- | --- |
| **Name** | Delete\_this\_record\_2 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | DeleteRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | recordId | @items('Delete\_this\_apps\_existing\_connection\_references\_Editted')?['admin\_connectionreferenceid'] | |

### Store\_App\_Dataverse\_References\_Editted

|  |  |
| --- | --- |
| **Name** | Store\_App\_Dataverse\_References\_Editted |
| **Type** | Scope |
| Subactions | [Check\_if\_App\_Database\_References\_are\_not\_null\_Editted](#Check_if_App_Database_References_are_not_null_Editted) |

### Check\_if\_App\_Database\_References\_are\_not\_null\_Editted

|  |  |
| --- | --- |
| **Name** | Check\_if\_App\_Database\_References\_are\_not\_null\_Editted |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @empty(items('Apply\_to\_each\_editted')?['properties/databaseReferences'])  @true | | |
| Subactions | [Check\_if\_app\_already\_stores\_CDS\_Native\_connection](#Check_if_app_already_stores_CDS_Native_connection)  [Condition:\_if\_app\_contains\_CDS\_Native](#Condition:_if_app_contains_CDS_Native)  [Mark\_app\_as\_using\_dataverse\_Editted](#Mark_app_as_using_dataverse_Editted) |
| Elseactions | [Apply\_to\_each](#Apply_to_each)  [Fetch\_all\_CDS\_Native\_connections](#Fetch_all_CDS_Native_connections)  [Mark\_app\_as\_not\_using\_dataverse\_Editted](#Mark_app_as_not_using_dataverse_Editted) |

### Check\_if\_app\_already\_stores\_CDS\_Native\_connection

|  |  |
| --- | --- |
| **Name** | Check\_if\_app\_already\_stores\_CDS\_Native\_connection |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_Connector/admin\_connectorid eq @{variables('DataverseConnectorGUID')} and admin\_App/admin\_appid eq @{items('Apply\_to\_each\_editted')?['name']} |  |  |  | | --- | --- | | $select | admin\_connectionreferenceid |  |  |  | | --- | --- | | entityName | admin\_connectionreferences | |

### Mark\_app\_as\_using\_dataverse\_Editted

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_using\_dataverse\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | True |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Condition:\_if\_app\_contains\_CDS\_Native

|  |  |
| --- | --- |
| **Name** | Condition:\_if\_app\_contains\_CDS\_Native |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | equals | @length(outputs('Check\_if\_app\_already\_stores\_CDS\_Native\_connection')?['body/value'])  0 | |
| Subactions | [Add\_CDS\_Native\_Connection\_Reference](#Add_CDS_Native_Connection_Reference) |

### Add\_CDS\_Native\_Connection\_Reference

|  |  |
| --- | --- |
| **Name** | Add\_CDS\_Native\_Connection\_Reference |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | item/admin\_App@odata.bind | admin\_apps(@{items('Apply\_to\_each\_editted')?['name']}) |  |  |  | | --- | --- | | item/admin\_Connector@odata.bind | admin\_connectors(@{variables('DataverseConnectorGUID')}) |  |  |  | | --- | --- | | item/admin\_displayname | Microsoft Dataverse | |

### Apply\_to\_each

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each |
| **Type** | Foreach |
| Subactions | [Delete\_the\_connection](#Delete_the_connection) |

### Fetch\_all\_CDS\_Native\_connections

|  |  |
| --- | --- |
| **Name** | Fetch\_all\_CDS\_Native\_connections |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_Connector/admin\_connectorid eq @{variables('DataverseConnectorGUID')} and admin\_App/admin\_appid eq @{items('Apply\_to\_each\_editted')?['name']} |  |  |  | | --- | --- | | $select | admin\_connectionreferenceid |  |  |  | | --- | --- | | entityName | admin\_connectionreferences | |

### Delete\_the\_connection

|  |  |
| --- | --- |
| **Name** | Delete\_the\_connection |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | DeleteRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each')?['admin\_connectionreferenceid'] | |

### Mark\_app\_as\_not\_using\_dataverse\_Editted

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_not\_using\_dataverse\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | False |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Get\_PowerApp\_Owner\_profile\_for\_Editted

|  |  |
| --- | --- |
| **Name** | Get\_PowerApp\_Owner\_profile\_for\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Office 365 Users |](https://docs.microsoft.com/connectors/office365users) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_office365users |  |  |  | | --- | --- | | connectionName | shared\_office365users\_1 |  |  |  | | --- | --- | | operationId | UserProfile\_V2 | |
| **parameters** | |  |  | | --- | --- | | $select | city,country,department,jobTitle,officeLocation,statusCode,userPrincipalName, displayName, id, companyName |  |  |  | | --- | --- | | id | @items('Apply\_to\_each\_editted')?['properties/owner/id'] | |

### Switch\_Editted

|  |  |
| --- | --- |
| **Name** | Switch\_Editted |
| **Type** | Switch |
| **Expression** | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')['statusCode'] |
| Subactions | [Find\_App\_Maker\_Editted](#Find_App_Maker_Editted)  [Update\_App\_record\_Editted](#Update_App_record_Editted)  [Update\_or\_Insert\_App\_Maker\_Editted](#Update_or_Insert_App_Maker_Editted)  [Look\_up\_in\_AD\_for\_Service\_Principles](#Look_up_in_AD_for_Service_Principles)  [Switch](#Switch) |

### Find\_App\_Maker\_Editted

|  |  |
| --- | --- |
| **Name** | Find\_App\_Maker\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_makerid eq @{items('Apply\_to\_each\_editted')?['properties/owner/id']} |  |  |  | | --- | --- | | $select | admin\_makerid |  |  |  | | --- | --- | | entityName | admin\_makers | |

### Update\_App\_record\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_App\_record\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_AppEnvironment@odata.bind | admin\_environments(@{triggerBody()?['admin\_environmentid']}) |  |  |  | | --- | --- | | item/admin\_AppOwner@odata.bind | admin\_makers(@{items('Apply\_to\_each\_editted')?['properties/owner/id']}) |  |  |  | | --- | --- | | item/admin\_appcompany | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/companyName'] |  |  |  | | --- | --- | | item/admin\_appconnections | @outputs('Compose\_comma-separated\_list\_of\_edited\_connection\_references') |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | False |  |  |  | | --- | --- | | item/admin\_appcreatedon | @items('Apply\_to\_each\_editted')?['properties/createdTime'] |  |  |  | | --- | --- | | item/admin\_appdeleted | False |  |  |  | | --- | --- | | item/admin\_appdescription | @items('Apply\_to\_each\_editted')?['properties/description'] |  |  |  | | --- | --- | | item/admin\_appenvironmentdisplayname | @triggerBody()?['admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_appenvironmentid | @triggerOutputs()?['body/admin\_environmentname'] |  |  |  | | --- | --- | | item/admin\_appiconuri | @items('Apply\_to\_each\_editted')?['properties/backgroundImageUri'] |  |  |  | | --- | --- | | item/admin\_appidstring | @items('Apply\_to\_each\_editted')?['name'] |  |  |  | | --- | --- | | item/admin\_appmodifiedon | @items('Apply\_to\_each\_editted')?['properties/lastModifiedTime'] |  |  |  | | --- | --- | | item/admin\_appownerdisplayname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/displayName'] |  |  |  | | --- | --- | | item/admin\_appplanclassification | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['appPlanClassification'], '') |  |  |  | | --- | --- | | item/admin\_apppublished | @if(empty(items('Apply\_to\_each\_editted')?['properties']?['lastPublishTime']), items('Apply\_to\_each\_editted')?['properties/createdTime'], items('Apply\_to\_each\_editted')?['properties']?['lastPublishTime']) |  |  |  | | --- | --- | | item/admin\_appsharedgroups | @items('Apply\_to\_each\_editted')?['properties/sharedGroupsCount'] |  |  |  | | --- | --- | | item/admin\_appsharedusers | @items('Apply\_to\_each\_editted')?['properties/sharedUsersCount'] |  |  |  | | --- | --- | | item/admin\_appsharedwithtenant | @if(greater(length(coalesce(body('Filter\_array\_Editted'), variables('sharedWith'))), 0), true, false) |  |  |  | | --- | --- | | item/admin\_city | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/city'] |  |  |  | | --- | --- | | item/admin\_country | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/country'] |  |  |  | | --- | --- | | item/admin\_department | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/department'] |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/displayName'] |  |  |  | | --- | --- | | item/admin\_dlpevaluationstatus | @items('Apply\_to\_each\_editted')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/status'] |  |  |  | | --- | --- | | item/admin\_dlplastevaluationdate | @items('Apply\_to\_each\_editted')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/lastEvaluationDate'] |  |  |  | | --- | --- | | item/admin\_iconbackgroundcolor | @items('Apply\_to\_each\_editted')?['properties/backgroundColor'] |  |  |  | | --- | --- | | item/admin\_powerappsreleaseversion | @items('Apply\_to\_each\_editted')?['tags/publisherVersion'] |  |  |  | | --- | --- | | item/admin\_powerappstype | @coalesce(if(equals(items('Apply\_to\_each\_editted')?['properties']?['embeddedApp']?['type'], 'SharepointFormApp'), 597910002, 597910000), 597910000) |  |  |  | | --- | --- | | item/admin\_sharepointformurl | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['embeddedApp']?['listUrl'], '') |  |  |  | | --- | --- | | item/admin\_usescustomapi | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesCustomApi'], '') |  |  |  | | --- | --- | | item/admin\_usesonlygrandfatheredpremiumapis | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesOnlyGrandfatheredPremiumApis'], '') |  |  |  | | --- | --- | | item/admin\_usesonpremisegateway | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesOnPremiseGateway'], '') |  |  |  | | --- | --- | | item/admin\_usespremiumapi | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesPremiumApi'], '') |  |  |  | | --- | --- | | item/cr5d5\_appisorphaned | no |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Update\_or\_Insert\_App\_Maker\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_or\_Insert\_App\_Maker\_Editted |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(outputs('Find\_App\_Maker\_Editted')?['body/value'])  0 | |
| Subactions | [Update\_App\_Maker\_Editted](#Update_App_Maker_Editted) |
| Elseactions | [Create\_App\_Maker\_Editted](#Create_App_Maker_Editted) |

### Update\_App\_Maker\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_App\_Maker\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_city | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/city'] |  |  |  | | --- | --- | | item/admin\_company | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/companyName'] |  |  |  | | --- | --- | | item/admin\_country | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/country'] |  |  |  | | --- | --- | | item/admin\_department | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/department'] |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_jobtitle | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/jobTitle'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_office | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/officeLocation'] |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | False |  |  |  | | --- | --- | | item/admin\_userprincipalname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/userPrincipalName'] |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['properties/owner/id'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Create\_App\_Maker\_Editted

|  |  |
| --- | --- |
| **Name** | Create\_App\_Maker\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_city | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/city'] |  |  |  | | --- | --- | | item/admin\_company | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/companyName'] |  |  |  | | --- | --- | | item/admin\_country | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/country'] |  |  |  | | --- | --- | | item/admin\_department | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/department'] |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_jobtitle | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/jobTitle'] |  |  |  | | --- | --- | | item/admin\_makerid | @items('Apply\_to\_each\_editted')?['properties/owner/id'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_office | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/officeLocation'] |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | False |  |  |  | | --- | --- | | item/admin\_userprincipalname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_Editted')?['body/userPrincipalName'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Look\_up\_in\_AD\_for\_Service\_Principles

|  |  |
| --- | --- |
| **Name** | Look\_up\_in\_AD\_for\_Service\_Principles |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | HTTP with Azure AD |](https://docs.microsoft.com/connectors/webcontents) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_webcontents |  |  |  | | --- | --- | | connectionName | shared\_webcontents\_1 |  |  |  | | --- | --- | | operationId | InvokeHttp | |
| **parameters** | |  |  | | --- | --- | | request/method | GET |  |  |  | | --- | --- | | request/url | https://graph.microsoft.com/v1.0/servicePrincipals/@{items('Apply\_to\_each\_editted')?['properties/owner/id']} | |

### Switch

|  |  |
| --- | --- |
| **Name** | Switch |
| **Type** | Switch |
| **Expression** | @outputs('Look\_up\_in\_AD\_for\_Service\_Principles')['statusCode'] |
| Subactions | [Update\_Orphaned\_App\_record\_Editted](#Update_Orphaned_App_record_Editted)  [Find\_Service\_Principle\_Editted](#Find_Service_Principle_Editted)  [Update\_a\_row](#Update_a_row)  [Update\_or\_Insert\_Service\_Principle\_Editted](#Update_or_Insert_Service_Principle_Editted) |

### Update\_Orphaned\_App\_record\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_Orphaned\_App\_record\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_AppEnvironment@odata.bind | admin\_environments(@{triggerBody()?['admin\_environmentid']}) |  |  |  | | --- | --- | | item/admin\_appconnections | @outputs('Compose\_comma-separated\_list\_of\_edited\_connection\_references') |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | False |  |  |  | | --- | --- | | item/admin\_appcreatedon | @items('Apply\_to\_each\_editted')?['properties/createdTime'] |  |  |  | | --- | --- | | item/admin\_appdeleted | False |  |  |  | | --- | --- | | item/admin\_appdescription | @items('Apply\_to\_each\_editted')?['properties/description'] |  |  |  | | --- | --- | | item/admin\_appenvironmentdisplayname | @triggerBody()?['admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_appenvironmentid | @triggerOutputs()?['body/admin\_environmentname'] |  |  |  | | --- | --- | | item/admin\_appiconuri | @items('Apply\_to\_each\_editted')?['properties/backgroundImageUri'] |  |  |  | | --- | --- | | item/admin\_appidstring | @items('Apply\_to\_each\_editted')?['name'] |  |  |  | | --- | --- | | item/admin\_appmodifiedon | @items('Apply\_to\_each\_editted')?['properties/lastModifiedTime'] |  |  |  | | --- | --- | | item/admin\_appplanclassification | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['appPlanClassification'], '') |  |  |  | | --- | --- | | item/admin\_apppublished | @if(empty(items('Apply\_to\_each\_editted')?['properties']?['lastPublishTime']), items('Apply\_to\_each\_editted')?['properties/createdTime'], items('Apply\_to\_each\_editted')?['properties']?['lastPublishTime']) |  |  |  | | --- | --- | | item/admin\_appsharedgroups | @items('Apply\_to\_each\_editted')?['properties/sharedGroupsCount'] |  |  |  | | --- | --- | | item/admin\_appsharedusers | @items('Apply\_to\_each\_editted')?['properties/sharedUsersCount'] |  |  |  | | --- | --- | | item/admin\_appsharedwithtenant | @if(greater(length(coalesce(body('Filter\_array\_Editted'), variables('sharedWith'))), 0), true, false) |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/displayName'] |  |  |  | | --- | --- | | item/admin\_dlpevaluationstatus | @items('Apply\_to\_each\_editted')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/status'] |  |  |  | | --- | --- | | item/admin\_dlplastevaluationdate | @items('Apply\_to\_each\_editted')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/lastEvaluationDate'] |  |  |  | | --- | --- | | item/admin\_iconbackgroundcolor | @items('Apply\_to\_each\_editted')?['properties/backgroundColor'] |  |  |  | | --- | --- | | item/admin\_powerappsreleaseversion | @items('Apply\_to\_each\_editted')?['tags/publisherVersion'] |  |  |  | | --- | --- | | item/admin\_powerappstype | @coalesce(if(equals(items('Apply\_to\_each\_editted')?['properties']?['embeddedApp']?['type'], 'SharepointFormApp'), 597910002, 597910000), 597910000) |  |  |  | | --- | --- | | item/admin\_sharepointformurl | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['embeddedApp']?['listUrl'], '') |  |  |  | | --- | --- | | item/admin\_usescustomapi | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesCustomApi'], '') |  |  |  | | --- | --- | | item/admin\_usesonlygrandfatheredpremiumapis | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesOnlyGrandfatheredPremiumApis'], '') |  |  |  | | --- | --- | | item/admin\_usesonpremisegateway | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesOnPremiseGateway'], '') |  |  |  | | --- | --- | | item/admin\_usespremiumapi | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesPremiumApi'], '') |  |  |  | | --- | --- | | item/cr5d5\_appisorphaned | yes |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Find\_Service\_Principle\_Editted

|  |  |
| --- | --- |
| **Name** | Find\_Service\_Principle\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_makerid eq @{items('Apply\_to\_each\_editted')?['properties/owner/id']} |  |  |  | | --- | --- | | $select | admin\_makerid |  |  |  | | --- | --- | | entityName | admin\_makers | |

### Update\_a\_row

|  |  |
| --- | --- |
| **Name** | Update\_a\_row |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_AppEnvironment@odata.bind | admin\_environments(@{triggerBody()?['admin\_environmentid']}) |  |  |  | | --- | --- | | item/admin\_AppOwner@odata.bind | admin\_makers(@{items('Apply\_to\_each\_editted')?['properties/owner/id']}) |  |  |  | | --- | --- | | item/admin\_appconnections | @outputs('Compose\_comma-separated\_list\_of\_edited\_connection\_references') |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | False |  |  |  | | --- | --- | | item/admin\_appcreatedon | @items('Apply\_to\_each\_editted')?['properties/createdTime'] |  |  |  | | --- | --- | | item/admin\_appdeleted | False |  |  |  | | --- | --- | | item/admin\_appdescription | @items('Apply\_to\_each\_editted')?['properties/description'] |  |  |  | | --- | --- | | item/admin\_appenvironmentdisplayname | @triggerBody()?['admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_appenvironmentid | @triggerOutputs()?['body/admin\_environmentname'] |  |  |  | | --- | --- | | item/admin\_appiconuri | @items('Apply\_to\_each\_editted')?['properties/backgroundImageUri'] |  |  |  | | --- | --- | | item/admin\_appidstring | @items('Apply\_to\_each\_editted')?['name'] |  |  |  | | --- | --- | | item/admin\_appmodifiedon | @items('Apply\_to\_each\_editted')?['properties/lastModifiedTime'] |  |  |  | | --- | --- | | item/admin\_appplanclassification | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['appPlanClassification'], '') |  |  |  | | --- | --- | | item/admin\_apppublished | @if(empty(items('Apply\_to\_each\_editted')?['properties']?['lastPublishTime']), items('Apply\_to\_each\_editted')?['properties/createdTime'], items('Apply\_to\_each\_editted')?['properties']?['lastPublishTime']) |  |  |  | | --- | --- | | item/admin\_appsharedgroups | @items('Apply\_to\_each\_editted')?['properties/sharedGroupsCount'] |  |  |  | | --- | --- | | item/admin\_appsharedusers | @items('Apply\_to\_each\_editted')?['properties/sharedUsersCount'] |  |  |  | | --- | --- | | item/admin\_appsharedwithtenant | @if(greater(length(coalesce(body('Filter\_array\_Editted'), variables('sharedWith'))), 0), true, false) |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/displayName'] |  |  |  | | --- | --- | | item/admin\_dlpevaluationstatus | @items('Apply\_to\_each\_editted')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/status'] |  |  |  | | --- | --- | | item/admin\_dlplastevaluationdate | @items('Apply\_to\_each\_editted')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/lastEvaluationDate'] |  |  |  | | --- | --- | | item/admin\_iconbackgroundcolor | @items('Apply\_to\_each\_editted')?['properties/backgroundColor'] |  |  |  | | --- | --- | | item/admin\_powerappsreleaseversion | @items('Apply\_to\_each\_editted')?['tags/publisherVersion'] |  |  |  | | --- | --- | | item/admin\_powerappstype | @coalesce(if(equals(items('Apply\_to\_each\_editted')?['properties']?['embeddedApp']?['type'], 'SharepointFormApp'), 597910002, 597910000), 597910000) |  |  |  | | --- | --- | | item/admin\_sharepointformurl | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['embeddedApp']?['listUrl'], '') |  |  |  | | --- | --- | | item/admin\_usescustomapi | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesCustomApi'], '') |  |  |  | | --- | --- | | item/admin\_usesonlygrandfatheredpremiumapis | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesOnlyGrandfatheredPremiumApis'], '') |  |  |  | | --- | --- | | item/admin\_usesonpremisegateway | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesOnPremiseGateway'], '') |  |  |  | | --- | --- | | item/admin\_usespremiumapi | @coalesce(items('Apply\_to\_each\_editted')?['properties']?['usesPremiumApi'], '') |  |  |  | | --- | --- | | item/cr5d5\_appisorphaned | no |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['name'] | |

### Update\_or\_Insert\_Service\_Principle\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_or\_Insert\_Service\_Principle\_Editted |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(outputs('Find\_Service\_Principle\_Editted')?['body/value'])  0 | |
| Subactions | [Update\_Service\_Principle\_Editted](#Update_Service_Principle_Editted) |
| Elseactions | [Create\_Service\_Principle\_Editted](#Create_Service_Principle_Editted) |

### Update\_Service\_Principle\_Editted

|  |  |
| --- | --- |
| **Name** | Update\_Service\_Principle\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | True |  |  |  | | --- | --- | | item/admin\_userprincipalname | @items('Apply\_to\_each\_editted')?['properties/owner/displayName'] |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_editted')?['properties/owner/id'] | |

### Create\_Service\_Principle\_Editted

|  |  |
| --- | --- |
| **Name** | Create\_Service\_Principle\_Editted |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_editted')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_makerid | @items('Apply\_to\_each\_editted')?['properties/owner/id'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | True |  |  |  | | --- | --- | | item/admin\_userprincipalname | @items('Apply\_to\_each\_editted')?['properties/owner/displayName'] | |

### Get\_Apps\_fails\_-\_Error\_Handling

|  |  |
| --- | --- |
| **Name** | Get\_Apps\_fails\_-\_Error\_Handling |
| **Type** | Scope |
| Subactions | [if\_any\_failures\_above](#if_any_failures_above) |

### Set\_hadFailure\_true\_-\_editted\_apps

|  |  |
| --- | --- |
| **Name** | Set\_hadFailure\_true\_-\_editted\_apps |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | hadFailure |
| **value** | @true |

### if\_any\_failures\_above

|  |  |
| --- | --- |
| **Name** | if\_any\_failures\_above |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | equals | @variables('hadFailure')  @true | |
| Subactions | [Create\_a\_new\_record\_-\_Sync\_Flow\_Errors](#Create_a_new_record_-_Sync_Flow_Errors)  [Terminate](#Terminate) |

### Create\_a\_new\_record\_-\_Sync\_Flow\_Errors

|  |  |
| --- | --- |
| **Name** | Create\_a\_new\_record\_-\_Sync\_Flow\_Errors |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_syncflowerrorses |  |  |  | | --- | --- | | item/admin\_environmentname | @triggerOutputs()?['body/admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_flowinstanceurl | @concat(variables('flowEnvironment'), workflow()?['tags']['environmentName'], '/flows/', workflow()?['name'], '/runs/', workflow()?['run']['name']) |  |  |  | | --- | --- | | item/admin\_name | Admin | Sync Template v3 (Apps) | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Terminate

|  |  |
| --- | --- |
| **Name** | Terminate |
| **Type** | Terminate |
| **Inputs** |  |
| **runError** | |  |  | | --- | --- | | code | 500 |  |  |  | | --- | --- | | message | Get Apps Failed | |
| **runStatus** | Failed |

### Initialize\_DataverseConnectorGUID

|  |  |
| --- | --- |
| **Name** | Initialize\_DataverseConnectorGUID |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | DataverseConnectorGUID |  |  |  | | --- | --- | | type | string | |

### Initialize\_shared\_with\_everyone

|  |  |
| --- | --- |
| **Name** | Initialize\_shared\_with\_everyone |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | sharedWithEveryone |  |  |  | | --- | --- | | type | Boolean |  |  |  | | --- | --- | | value | @false | |

### Initialize\_variable\_today

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_today |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | today |  |  |  | | --- | --- | | type | string |  |  |  | | --- | --- | | value | @{utcNow()} | |

### Initialize\_updateInCoe

|  |  |
| --- | --- |
| **Name** | Initialize\_updateInCoe |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | updateInCoe |  |  |  | | --- | --- | | type | boolean |  |  |  | | --- | --- | | value | @false | |

### Initialize\_variable\_Apps\_Editted

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_Apps\_Editted |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | Apps\_Editted |  |  |  | | --- | --- | | type | array | |

### Initialize\_variable\_flowEnvironment

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_flowEnvironment |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | flowEnvironment |  |  |  | | --- | --- | | type | string |  |  |  | | --- | --- | | value | @parameters('Power Automate Environment Variable') | |

### Initialize\_variable\_Apps\_New

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_Apps\_New |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | Apps\_New |  |  |  | | --- | --- | | type | array | |

### Initialize\_variable\_sharedWith

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_sharedWith |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | sharedWith |  |  |  | | --- | --- | | type | Array | |

### Initialize\_variable\_fullinventory

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_fullinventory |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | fullinventory |  |  |  | | --- | --- | | type | string |  |  |  | | --- | --- | | value | @{parameters('FullInventory')} | |

### Initialize\_variable\_hadFailure

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_hadFailure |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | hadFailure |  |  |  | | --- | --- | | type | boolean |  |  |  | | --- | --- | | value | @false | |

### Initialize\_variable\_isNewToCoE

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_isNewToCoE |
| **Type** | InitializeVariable |
| **Inputs** |  |
| **variables** | |  |  | | --- | --- | | name | isNewToCoE |  |  |  | | --- | --- | | type | boolean |  |  |  | | --- | --- | | value | False | |

### Insert\_New\_Apps

|  |  |
| --- | --- |
| **Name** | Insert\_New\_Apps |
| **Type** | Scope |
| Subactions | [Apply\_to\_each\_new](#Apply_to_each_new) |

### Set\_hadFailure\_true\_-\_load\_arrays

|  |  |
| --- | --- |
| **Name** | Set\_hadFailure\_true\_-\_load\_arrays |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | hadFailure |
| **value** | @true |

### Apply\_to\_each\_new

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_new |
| **Type** | Foreach |
| Subactions | [Check\_if\_App\_Shared\_with\_Tenant\_New](#Check_if_App_Shared_with_Tenant_New)  [Insert\_New\_App\_Details](#Insert_New_App_Details)  [Prepare\_App\_Connection\_References\_New](#Prepare_App_Connection_References_New)  [Store\_App\_Connection\_References\_New](#Store_App_Connection_References_New)  [Store\_App\_Dataverse\_References\_New](#Store_App_Dataverse_References_New) |

### Check\_if\_App\_Shared\_with\_Tenant\_New

|  |  |
| --- | --- |
| **Name** | Check\_if\_App\_Shared\_with\_Tenant\_New |
| **Type** | Scope |
| Subactions | [only\_if\_not\_SP\_App\_New](#only_if_not_SP_App_New) |

### only\_if\_not\_SP\_App\_New

|  |  |
| --- | --- |
| **Name** | only\_if\_not\_SP\_App\_New |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['type']  SharepointFormApp | | |
| Subactions | [Filter\_array\_New](#Filter_array_New)  [Get\_App\_Role\_Assignments\_as\_Admin\_New](#Get_App_Role_Assignments_as_Admin_New) |

### Filter\_array\_New

|  |  |
| --- | --- |
| **Name** | Filter\_array\_New |
| **Type** | Query |
| **Inputs** |  |
| **from** | @outputs('Get\_App\_Role\_Assignments\_as\_Admin\_New')?['body/value'] |
| **where** | @equals(item()?['properties/principal/type'], 'Tenant') |

### Get\_App\_Role\_Assignments\_as\_Admin\_New

|  |  |
| --- | --- |
| **Name** | Get\_App\_Role\_Assignments\_as\_Admin\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Power Apps for Admins |](https://docs.microsoft.com/connectors/powerappsforadmins) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_powerappsforadmins |  |  |  | | --- | --- | | connectionName | shared\_powerappsforadmins |  |  |  | | --- | --- | | operationId | Get-AdminAppRoleAssignment | |
| **parameters** | |  |  | | --- | --- | | $top | 250 |  |  |  | | --- | --- | | api-version | 2016-11-01 |  |  |  | | --- | --- | | app | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | environment | @triggerOutputs()?['body/admin\_environmentname'] | |

### Insert\_New\_App\_Details

|  |  |
| --- | --- |
| **Name** | Insert\_New\_App\_Details |
| **Type** | Scope |
| Subactions | [Get\_PowerApp\_Owner\_profile\_for\_New](#Get_PowerApp_Owner_profile_for_New)  [Switch\_New](#Switch_New) |

### Prepare\_App\_Connection\_References\_New

|  |  |
| --- | --- |
| **Name** | Prepare\_App\_Connection\_References\_New |
| **Type** | Scope |
| Subactions | [check\_if\_app\_has\_connections](#check_if_app_has_connections) |

### Get\_PowerApp\_Owner\_profile\_for\_New

|  |  |
| --- | --- |
| **Name** | Get\_PowerApp\_Owner\_profile\_for\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Office 365 Users |](https://docs.microsoft.com/connectors/office365users) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_office365users |  |  |  | | --- | --- | | connectionName | shared\_office365users\_1 |  |  |  | | --- | --- | | operationId | UserProfile\_V2 | |
| **parameters** | |  |  | | --- | --- | | $select | city,country,department,jobTitle,officeLocation,statusCode,userPrincipalName, displayName, id, companyName |  |  |  | | --- | --- | | id | @items('Apply\_to\_each\_new')?['properties/owner/id'] | |

### Switch\_New

|  |  |
| --- | --- |
| **Name** | Switch\_New |
| **Type** | Switch |
| **Expression** | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')['statusCode'] |
| Subactions | [Find\_App\_Maker\_New](#Find_App_Maker_New)  [Insert\_App\_record\_New](#Insert_App_record_New)  [Update\_or\_Insert\_App\_Maker\_New](#Update_or_Insert_App_Maker_New)  [Look\_up\_in\_AD\_for\_Service\_Principles\_New\_App](#Look_up_in_AD_for_Service_Principles_New_App)  [Switch\_New\_Service\_Principle\_Check](#Switch_New_Service_Principle_Check) |

### Find\_App\_Maker\_New

|  |  |
| --- | --- |
| **Name** | Find\_App\_Maker\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_makerid eq @{items('Apply\_to\_each\_new')?['properties/owner/id']} |  |  |  | | --- | --- | | $select | admin\_makerid |  |  |  | | --- | --- | | entityName | admin\_makers | |

### Insert\_App\_record\_New

|  |  |
| --- | --- |
| **Name** | Insert\_App\_record\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_AppEnvironment@odata.bind | admin\_environments(@{triggerBody()?['admin\_environmentid']}) |  |  |  | | --- | --- | | item/admin\_AppOwner@odata.bind | admin\_makers(@{items('Apply\_to\_each\_new')?['properties/owner/id']}) |  |  |  | | --- | --- | | item/admin\_appcompany | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/companyName'] |  |  |  | | --- | --- | | item/admin\_appconnections | @outputs('Compose\_comma-separated\_text\_of\_all\_connections\_used\_in\_app') |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | False |  |  |  | | --- | --- | | item/admin\_appcreatedon | @items('Apply\_to\_each\_new')?['properties/createdTime'] |  |  |  | | --- | --- | | item/admin\_appdeleted | False |  |  |  | | --- | --- | | item/admin\_appdescription | @items('Apply\_to\_each\_new')?['properties/description'] |  |  |  | | --- | --- | | item/admin\_appenvironmentdisplayname | @triggerOutputs()?['body/admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_appenvironmentid | @triggerOutputs()?['body/admin\_environmentname'] |  |  |  | | --- | --- | | item/admin\_appexcusedfromarchival | False |  |  |  | | --- | --- | | item/admin\_appiconuri | @items('Apply\_to\_each\_new')?['properties/backgroundImageUri'] |  |  |  | | --- | --- | | item/admin\_appid | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | item/admin\_appidstring | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | item/admin\_appmodifiedon | @items('Apply\_to\_each\_new')?['properties/lastModifiedTime'] |  |  |  | | --- | --- | | item/admin\_appownerdisplayname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/displayName'] |  |  |  | | --- | --- | | item/admin\_appplanclassification | @coalesce(items('Apply\_to\_each\_new')?['properties']?['appPlanClassification'], '') |  |  |  | | --- | --- | | item/admin\_apppublished | @if(empty(items('Apply\_to\_each\_new')?['properties']?['lastPublishTime']), items('Apply\_to\_each\_new')?['properties/createdTime'], items('Apply\_to\_each\_new')?['properties']?['lastPublishTime']) |  |  |  | | --- | --- | | item/admin\_appsharedgroups | @items('Apply\_to\_each\_new')?['properties/sharedGroupsCount'] |  |  |  | | --- | --- | | item/admin\_appsharedusers | @items('Apply\_to\_each\_new')?['properties/sharedUsersCount'] |  |  |  | | --- | --- | | item/admin\_appsharedwithtenant | @if(greater(length(coalesce(body('Filter\_array\_new'), variables('sharedWith'))), 0), true, false) |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | False |  |  |  | | --- | --- | | item/admin\_city | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/city'] |  |  |  | | --- | --- | | item/admin\_country | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/country'] |  |  |  | | --- | --- | | item/admin\_department | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/department'] |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_new')?['properties/displayName'] |  |  |  | | --- | --- | | item/admin\_dlpevaluationstatus | @items('Apply\_to\_each\_new')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/status'] |  |  |  | | --- | --- | | item/admin\_dlplastevaluationdate | @items('Apply\_to\_each\_new')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/lastEvaluationDate'] |  |  |  | | --- | --- | | item/admin\_iconbackgroundcolor | @items('Apply\_to\_each\_new')?['properties/backgroundColor'] |  |  |  | | --- | --- | | item/admin\_inappcatalog | False |  |  |  | | --- | --- | | item/admin\_inappcatalogfeatured | False |  |  |  | | --- | --- | | item/admin\_powerappsreleaseversion | @items('Apply\_to\_each\_new')?['tags/publisherVersion'] |  |  |  | | --- | --- | | item/admin\_powerappstype | @coalesce(if(equals(items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['type'], 'SharepointFormApp'), 597910002, 597910000), 597910000) |  |  |  | | --- | --- | | item/admin\_requirement\_5 | False |  |  |  | | --- | --- | | item/admin\_sharepointformurl | @coalesce(items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['listUrl'], '') |  |  |  | | --- | --- | | item/admin\_usescustomapi | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesCustomApi'], '') |  |  |  | | --- | --- | | item/admin\_usesonlygrandfatheredpremiumapis | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesOnlyGrandfatheredPremiumApis'], '') |  |  |  | | --- | --- | | item/admin\_usesonpremisegateway | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesOnPremiseGateway'], '') |  |  |  | | --- | --- | | item/admin\_usespremiumapi | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesPremiumApi'], '') |  |  |  | | --- | --- | | item/cr5d5\_appisorphaned | no | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Update\_or\_Insert\_App\_Maker\_New

|  |  |
| --- | --- |
| **Name** | Update\_or\_Insert\_App\_Maker\_New |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(outputs('Find\_App\_Maker\_New')?['body/value'])  0 | |
| Subactions | [Update\_App\_Maker\_New](#Update_App_Maker_New) |
| Elseactions | [Create\_App\_Maker\_New](#Create_App_Maker_New) |

### Update\_App\_Maker\_New

|  |  |
| --- | --- |
| **Name** | Update\_App\_Maker\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_city | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/city'] |  |  |  | | --- | --- | | item/admin\_company | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/companyName'] |  |  |  | | --- | --- | | item/admin\_country | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/country'] |  |  |  | | --- | --- | | item/admin\_department | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/department'] |  |  |  | | --- | --- | | item/admin\_displayname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/displayName'] |  |  |  | | --- | --- | | item/admin\_jobtitle | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/jobTitle'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_office | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/officeLocation'] |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | False |  |  |  | | --- | --- | | item/admin\_userprincipalname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/userPrincipalName'] |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_new')?['properties/owner/id'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Create\_App\_Maker\_New

|  |  |
| --- | --- |
| **Name** | Create\_App\_Maker\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_city | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/city'] |  |  |  | | --- | --- | | item/admin\_company | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/companyName'] |  |  |  | | --- | --- | | item/admin\_country | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/country'] |  |  |  | | --- | --- | | item/admin\_department | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/department'] |  |  |  | | --- | --- | | item/admin\_displayname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/displayName'] |  |  |  | | --- | --- | | item/admin\_jobtitle | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/jobTitle'] |  |  |  | | --- | --- | | item/admin\_makerid | @items('Apply\_to\_each\_new')?['properties/owner/id'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_office | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/officeLocation'] |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | False |  |  |  | | --- | --- | | item/admin\_userprincipalname | @outputs('Get\_PowerApp\_Owner\_profile\_for\_New')?['body/userPrincipalName'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Look\_up\_in\_AD\_for\_Service\_Principles\_New\_App

|  |  |
| --- | --- |
| **Name** | Look\_up\_in\_AD\_for\_Service\_Principles\_New\_App |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | HTTP with Azure AD |](https://docs.microsoft.com/connectors/webcontents) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_webcontents |  |  |  | | --- | --- | | connectionName | shared\_webcontents\_1 |  |  |  | | --- | --- | | operationId | InvokeHttp | |
| **parameters** | |  |  | | --- | --- | | request/method | GET |  |  |  | | --- | --- | | request/url | https://graph.microsoft.com/v1.0/servicePrincipals/@{items('Apply\_to\_each\_new')?['properties/owner/id']} | |

### Switch\_New\_Service\_Principle\_Check

|  |  |
| --- | --- |
| **Name** | Switch\_New\_Service\_Principle\_Check |
| **Type** | Switch |
| **Expression** | @outputs('Look\_up\_in\_AD\_for\_Service\_Principles\_New\_App')['statusCode'] |
| Subactions | [Insert\_App\_record\_(creator\_not\_found)\_New](#Insert_App_record_(creator_not_found)_New)  [Add\_a\_new\_row](#Add_a_new_row)  [Find\_Service\_Principle\_New](#Find_Service_Principle_New)  [Update\_or\_Insert\_Service\_Principle\_New](#Update_or_Insert_Service_Principle_New) |

### Insert\_App\_record\_(creator\_not\_found)\_New

|  |  |
| --- | --- |
| **Name** | Insert\_App\_record\_(creator\_not\_found)\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_AppEnvironment@odata.bind | admin\_environments(@{triggerBody()?['admin\_environmentid']}) |  |  |  | | --- | --- | | item/admin\_appconnections | @outputs('Compose\_comma-separated\_text\_of\_all\_connections\_used\_in\_app') |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | False |  |  |  | | --- | --- | | item/admin\_appcreatedon | @items('Apply\_to\_each\_new')?['properties/createdTime'] |  |  |  | | --- | --- | | item/admin\_appdeleted | False |  |  |  | | --- | --- | | item/admin\_appdescription | @items('Apply\_to\_each\_new')?['properties/description'] |  |  |  | | --- | --- | | item/admin\_appenvironmentdisplayname | @triggerOutputs()?['body/admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_appenvironmentid | @triggerOutputs()?['body/admin\_environmentname'] |  |  |  | | --- | --- | | item/admin\_appexcusedfromarchival | False |  |  |  | | --- | --- | | item/admin\_appiconuri | @items('Apply\_to\_each\_new')?['properties/backgroundImageUri'] |  |  |  | | --- | --- | | item/admin\_appid | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | item/admin\_appidstring | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | item/admin\_appmodifiedon | @items('Apply\_to\_each\_new')?['properties/lastModifiedTime'] |  |  |  | | --- | --- | | item/admin\_appplanclassification | @coalesce(items('Apply\_to\_each\_new')?['properties']?['appPlanClassification'], '') |  |  |  | | --- | --- | | item/admin\_apppublished | @if(empty(items('Apply\_to\_each\_new')?['properties']?['lastPublishTime']), items('Apply\_to\_each\_new')?['properties/createdTime'], items('Apply\_to\_each\_new')?['properties']?['lastPublishTime']) |  |  |  | | --- | --- | | item/admin\_appsharedgroups | @items('Apply\_to\_each\_new')?['properties/sharedGroupsCount'] |  |  |  | | --- | --- | | item/admin\_appsharedusers | @items('Apply\_to\_each\_new')?['properties/sharedUsersCount'] |  |  |  | | --- | --- | | item/admin\_appsharedwithtenant | @if(greater(length(coalesce(body('Filter\_array\_new'), variables('sharedWith'))), 0), true, false) |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | False |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_new')?['properties/displayName'] |  |  |  | | --- | --- | | item/admin\_dlpevaluationstatus | @items('Apply\_to\_each\_new')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/status'] |  |  |  | | --- | --- | | item/admin\_dlplastevaluationdate | @items('Apply\_to\_each\_new')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/lastEvaluationDate'] |  |  |  | | --- | --- | | item/admin\_iconbackgroundcolor | @items('Apply\_to\_each\_new')?['properties/backgroundColor'] |  |  |  | | --- | --- | | item/admin\_inappcatalog | False |  |  |  | | --- | --- | | item/admin\_inappcatalogfeatured | False |  |  |  | | --- | --- | | item/admin\_powerappsreleaseversion | @items('Apply\_to\_each\_new')?['tags/publisherVersion'] |  |  |  | | --- | --- | | item/admin\_powerappstype | @coalesce(if(equals(items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['type'], 'SharepointFormApp'), 597910002, 597910000), 597910000) |  |  |  | | --- | --- | | item/admin\_requirement\_5 | False |  |  |  | | --- | --- | | item/admin\_sharepointformurl | @coalesce(items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['listUrl'], '') |  |  |  | | --- | --- | | item/admin\_usescustomapi | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesCustomApi'], '') |  |  |  | | --- | --- | | item/admin\_usesonlygrandfatheredpremiumapis | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesOnlyGrandfatheredPremiumApis'], '') |  |  |  | | --- | --- | | item/admin\_usesonpremisegateway | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesOnPremiseGateway'], '') |  |  |  | | --- | --- | | item/admin\_usespremiumapi | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesPremiumApi'], '') |  |  |  | | --- | --- | | item/cr5d5\_appisorphaned | yes | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Add\_a\_new\_row

|  |  |
| --- | --- |
| **Name** | Add\_a\_new\_row |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_AppEnvironment@odata.bind | admin\_environments(@{triggerBody()?['admin\_environmentid']}) |  |  |  | | --- | --- | | item/admin\_AppOwner@odata.bind | admin\_makers(@{items('Apply\_to\_each\_new')?['properties/owner/id']}) |  |  |  | | --- | --- | | item/admin\_appconnections | @outputs('Compose\_comma-separated\_text\_of\_all\_connections\_used\_in\_app') |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | False |  |  |  | | --- | --- | | item/admin\_appcreatedon | @items('Apply\_to\_each\_new')?['properties/createdTime'] |  |  |  | | --- | --- | | item/admin\_appdeleted | False |  |  |  | | --- | --- | | item/admin\_appdescription | @items('Apply\_to\_each\_new')?['properties/description'] |  |  |  | | --- | --- | | item/admin\_appenvironmentdisplayname | @triggerOutputs()?['body/admin\_displayname'] |  |  |  | | --- | --- | | item/admin\_appenvironmentid | @triggerOutputs()?['body/admin\_environmentname'] |  |  |  | | --- | --- | | item/admin\_appexcusedfromarchival | False |  |  |  | | --- | --- | | item/admin\_appiconuri | @items('Apply\_to\_each\_new')?['properties/backgroundImageUri'] |  |  |  | | --- | --- | | item/admin\_appid | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | item/admin\_appidstring | @items('Apply\_to\_each\_new')?['name'] |  |  |  | | --- | --- | | item/admin\_appmodifiedon | @items('Apply\_to\_each\_new')?['properties/lastModifiedTime'] |  |  |  | | --- | --- | | item/admin\_appownerdisplayname | @items('Apply\_to\_each\_new')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_appplanclassification | @coalesce(items('Apply\_to\_each\_new')?['properties']?['appPlanClassification'], '') |  |  |  | | --- | --- | | item/admin\_apppublished | @if(empty(items('Apply\_to\_each\_new')?['properties']?['lastPublishTime']), items('Apply\_to\_each\_new')?['properties/createdTime'], items('Apply\_to\_each\_new')?['properties']?['lastPublishTime']) |  |  |  | | --- | --- | | item/admin\_appsharedgroups | @items('Apply\_to\_each\_new')?['properties/sharedGroupsCount'] |  |  |  | | --- | --- | | item/admin\_appsharedusers | @items('Apply\_to\_each\_new')?['properties/sharedUsersCount'] |  |  |  | | --- | --- | | item/admin\_appsharedwithtenant | @if(greater(length(coalesce(body('Filter\_array\_new'), variables('sharedWith'))), 0), true, false) |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | False |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_new')?['properties/displayName'] |  |  |  | | --- | --- | | item/admin\_dlpevaluationstatus | @items('Apply\_to\_each\_new')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/status'] |  |  |  | | --- | --- | | item/admin\_dlplastevaluationdate | @items('Apply\_to\_each\_new')?['properties/executionRestrictions/dataLossPreventionEvaluationResult/lastEvaluationDate'] |  |  |  | | --- | --- | | item/admin\_iconbackgroundcolor | @items('Apply\_to\_each\_new')?['properties/backgroundColor'] |  |  |  | | --- | --- | | item/admin\_inappcatalog | False |  |  |  | | --- | --- | | item/admin\_inappcatalogfeatured | False |  |  |  | | --- | --- | | item/admin\_powerappsreleaseversion | @items('Apply\_to\_each\_new')?['tags/publisherVersion'] |  |  |  | | --- | --- | | item/admin\_powerappstype | @coalesce(if(equals(items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['type'], 'SharepointFormApp'), 597910002, 597910000), 597910000) |  |  |  | | --- | --- | | item/admin\_requirement\_5 | False |  |  |  | | --- | --- | | item/admin\_sharepointformurl | @coalesce(items('Apply\_to\_each\_new')?['properties']?['embeddedApp']?['listUrl'], '') |  |  |  | | --- | --- | | item/admin\_usescustomapi | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesCustomApi'], '') |  |  |  | | --- | --- | | item/admin\_usesonlygrandfatheredpremiumapis | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesOnlyGrandfatheredPremiumApis'], '') |  |  |  | | --- | --- | | item/admin\_usesonpremisegateway | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesOnPremiseGateway'], '') |  |  |  | | --- | --- | | item/admin\_usespremiumapi | @coalesce(items('Apply\_to\_each\_new')?['properties']?['usesPremiumApi'], '') |  |  |  | | --- | --- | | item/cr5d5\_appisorphaned | no | |

### Update\_or\_Insert\_Service\_Principle\_New

|  |  |
| --- | --- |
| **Name** | Update\_or\_Insert\_Service\_Principle\_New |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(outputs('Find\_Service\_Principle\_New')?['body/value'])  0 | |
| Subactions | [Update\_Service\_Principle\_New](#Update_Service_Principle_New) |
| Elseactions | [Create\_Service\_Principle\_New](#Create_Service_Principle_New) |

### Find\_Service\_Principle\_New

|  |  |
| --- | --- |
| **Name** | Find\_Service\_Principle\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_makerid eq @{items('Apply\_to\_each\_new')?['properties/owner/id']} |  |  |  | | --- | --- | | $select | admin\_makerid |  |  |  | | --- | --- | | entityName | admin\_makers | |

### Update\_Service\_Principle\_New

|  |  |
| --- | --- |
| **Name** | Update\_Service\_Principle\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_new')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | True |  |  |  | | --- | --- | | item/admin\_userprincipalname | @items('Apply\_to\_each\_new')?['properties/owner/displayName'] |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_new')?['properties/owner/id'] | |

### Create\_Service\_Principle\_New

|  |  |
| --- | --- |
| **Name** | Create\_Service\_Principle\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_makers |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_new')?['properties/owner/displayName'] |  |  |  | | --- | --- | | item/admin\_makerid | @items('Apply\_to\_each\_new')?['properties/owner/id'] |  |  |  | | --- | --- | | item/admin\_makerisorphaned | False |  |  |  | | --- | --- | | item/admin\_userisserviceprinciple | True |  |  |  | | --- | --- | | item/admin\_userprincipalname | @items('Apply\_to\_each\_new')?['properties/owner/displayName'] | |

### check\_if\_app\_has\_connections

|  |  |
| --- | --- |
| **Name** | check\_if\_app\_has\_connections |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_new')?['properties/connectionReferences']  @null | | |
| Subactions | [Compose\_comma-separated\_text\_of\_all\_connections\_used\_in\_app](#Compose_comma-separated_text_of_all_connections_used_in_app)  [Parse\_JSON\_-\_Connection\_References\_New](#Parse_JSON_-_Connection_References_New)  [Select\_Connector\_Display\_Name](#Select_Connector_Display_Name) |

### Compose\_comma-separated\_text\_of\_all\_connections\_used\_in\_app

|  |  |
| --- | --- |
| **Name** | Compose\_comma-separated\_text\_of\_all\_connections\_used\_in\_app |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @concat(join(body('Select\_Connector\_Display\_Name'), ','), if(empty(items('Apply\_to\_each\_new')?['properties/databaseReferences']), '', ',Microsoft Dataverse')) |

### Select\_Connector\_Display\_Name

|  |  |
| --- | --- |
| **Name** | Select\_Connector\_Display\_Name |
| **Type** | Select |
| **Inputs** |  |
| **from** | @body('Parse\_JSON\_-\_Connection\_References\_New') |
| **select** | @item()['displayName'] |

### Parse\_JSON\_-\_Connection\_References\_New

|  |  |
| --- | --- |
| **Name** | Parse\_JSON\_-\_Connection\_References\_New |
| **Type** | ParseJson |
| **Inputs** |  |
| **content** | @items('Apply\_to\_each\_new')?['properties/connectionReferences'] |
| **schema** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | items | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | properties | |  |  |  |  | | --- | --- | --- | --- | | apiTier | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | bypassConsent | |  |  | | --- | --- | | type | boolean | |  |  |  |  |  | | --- | --- | --- | --- | | displayName | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | iconUri | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | id | |  |  | | --- | --- | | type | string | |  |  |  |  |  | | --- | --- | --- | --- | | isCustomApiConnection | |  |  | | --- | --- | | type | boolean | |  |  |  |  |  | | --- | --- | --- | --- | | isOnPremiseConnection | |  |  | | --- | --- | | type | boolean | | |  |  |  | | --- | --- | | required | iconUri  displayName  isOnPremiseConnection  isCustomApiConnection  bypassConsent  id |  |  |  | | --- | --- | | type | object | |  |  |  | | --- | --- | | type | array | |

### Store\_App\_Connection\_References\_New

|  |  |
| --- | --- |
| **Name** | Store\_App\_Connection\_References\_New |
| **Type** | Scope |
| Subactions | [Check\_if\_App\_Connection\_References\_are\_not\_null\_new](#Check_if_App_Connection_References_are_not_null_new) |

### Check\_if\_App\_Connection\_References\_are\_not\_null\_new

|  |  |
| --- | --- |
| **Name** | Check\_if\_App\_Connection\_References\_are\_not\_null\_new |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_new')?['properties/connectionReferences']  @null | | |
| Subactions | [Apply\_to\_each\_Connection\_Reference\_new](#Apply_to_each_Connection_Reference_new)  [Apply\_to\_each\_Custom\_Connection\_Reference\_new](#Apply_to_each_Custom_Connection_Reference_new)  [Filter\_custom\_3](#Filter_custom_3)  [Filter\_non\_custom\_new](#Filter_non_custom_new) |

### Apply\_to\_each\_Connection\_Reference\_new

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_Connection\_Reference\_new |
| **Type** | Foreach |
| Subactions | [Connecor\_Name\_3](#Connecor_Name_3)  [ConnectorID\_3](#ConnectorID_3)  [Filter\_current\_app\_Connector\_3](#Filter_current_app_Connector_3)  [mark\_broken\_connector\_or\_insert\_connection\_reference\_3](#mark_broken_connector_or_insert_connection_reference_3)  [split\_on\_slash\_3](#split_on_slash_3) |

### Filter\_non\_custom\_new

|  |  |
| --- | --- |
| **Name** | Filter\_non\_custom\_new |
| **Type** | Query |
| **Inputs** |  |
| **from** | @body('Parse\_JSON\_-\_Connection\_References\_New') |
| **where** | @equals(item()['isCustomApiConnection'], false) |

### Connecor\_Name\_3

|  |  |
| --- | --- |
| **Name** | Connecor\_Name\_3 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @last(outputs('split\_on\_slash\_3')) |

### split\_on\_slash\_3

|  |  |
| --- | --- |
| **Name** | split\_on\_slash\_3 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @split(outputs('ConnectorID\_3'), '/') |

### ConnectorID\_3

|  |  |
| --- | --- |
| **Name** | ConnectorID\_3 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @items('Apply\_to\_each\_Connection\_Reference\_new')['id'] |

### Filter\_current\_app\_Connector\_3

|  |  |
| --- | --- |
| **Name** | Filter\_current\_app\_Connector\_3 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @outputs('List\_Connectors')?['body/value'] |
| **where** | @equals(item()?['admin\_name'], outputs('Connecor\_Name\_3')) |

### mark\_broken\_connector\_or\_insert\_connection\_reference\_3

|  |  |
| --- | --- |
| **Name** | mark\_broken\_connector\_or\_insert\_connection\_reference\_3 |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(body('Filter\_current\_app\_Connector\_3'))  0 | |
| Subactions | [Create\_a\_new\_App\_Connection\_New](#Create_a_new_App_Connection_New) |
| Elseactions | [Mark\_app\_as\_having\_broken\_connections\_New](#Mark_app_as_having_broken_connections_New) |

### Create\_a\_new\_App\_Connection\_New

|  |  |
| --- | --- |
| **Name** | Create\_a\_new\_App\_Connection\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | item/admin\_App@odata.bind | admin\_apps(@{items('Apply\_to\_each\_new')?['name']}) |  |  |  | | --- | --- | | item/admin\_Connector@odata.bind | admin\_connectors(@{first(body('Filter\_current\_app\_Connector\_3'))?['admin\_connectorid']}) |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_Connection\_Reference\_new')?['displayName'] | |

### Mark\_app\_as\_having\_broken\_connections\_New

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_having\_broken\_connections\_New |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | True |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_new')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Apply\_to\_each\_Custom\_Connection\_Reference\_new

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_Custom\_Connection\_Reference\_new |
| **Type** | Foreach |
| Subactions | [Connecor\_Name\_custom\_3](#Connecor_Name_custom_3)  [ConnectorID\_custom\_3](#ConnectorID_custom_3)  [Filter\_current\_app\_Connector\_custom\_3](#Filter_current_app_Connector_custom_3)  [mark\_broken\_connector\_or\_insert\_connection\_reference\_for\_custom\_3](#mark_broken_connector_or_insert_connection_reference_for_custom_3)  [split\_on\_slash\_custom\_3](#split_on_slash_custom_3) |

### Filter\_custom\_3

|  |  |
| --- | --- |
| **Name** | Filter\_custom\_3 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @body('Parse\_JSON\_-\_Connection\_References\_New') |
| **where** | @equals(item()['isCustomApiConnection'], true) |

### Connecor\_Name\_custom\_3

|  |  |
| --- | --- |
| **Name** | Connecor\_Name\_custom\_3 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @last(outputs('split\_on\_slash\_custom\_3')) |

### split\_on\_slash\_custom\_3

|  |  |
| --- | --- |
| **Name** | split\_on\_slash\_custom\_3 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @split(outputs('ConnectorID\_custom\_3'), '/') |

### ConnectorID\_custom\_3

|  |  |
| --- | --- |
| **Name** | ConnectorID\_custom\_3 |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @items('Apply\_to\_each\_Custom\_Connection\_Reference\_new')['id'] |

### Filter\_current\_app\_Connector\_custom\_3

|  |  |
| --- | --- |
| **Name** | Filter\_current\_app\_Connector\_custom\_3 |
| **Type** | Query |
| **Inputs** |  |
| **from** | @outputs('List\_Connectors')?['body/value'] |
| **where** | @equals(item()?['admin\_name'], outputs('Connecor\_Name\_custom\_3')) |

### mark\_broken\_connector\_or\_insert\_connection\_reference\_for\_custom\_3

|  |  |
| --- | --- |
| **Name** | mark\_broken\_connector\_or\_insert\_connection\_reference\_for\_custom\_3 |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | greater | @length(body('Filter\_current\_app\_Connector\_custom\_3'))  0 | |
| Subactions | [Create\_a\_new\_App\_Connection\_for\_Custom\_3](#Create_a_new_App_Connection_for_Custom_3) |
| Elseactions | [Mark\_app\_as\_having\_broken\_connections\_for\_custom\_3](#Mark_app_as_having_broken_connections_for_custom_3) |

### Create\_a\_new\_App\_Connection\_for\_Custom\_3

|  |  |
| --- | --- |
| **Name** | Create\_a\_new\_App\_Connection\_for\_Custom\_3 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | item/admin\_App@odata.bind | admin\_apps(@{items('Apply\_to\_each\_new')?['name']}) |  |  |  | | --- | --- | | item/admin\_Connector@odata.bind | admin\_connectors(@{first(body('Filter\_current\_app\_Connector\_custom\_3'))?['admin\_connectorid']}) |  |  |  | | --- | --- | | item/admin\_displayname | @items('Apply\_to\_each\_Custom\_Connection\_Reference\_new')?['displayName'] | |

### Mark\_app\_as\_having\_broken\_connections\_for\_custom\_3

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_having\_broken\_connections\_for\_custom\_3 |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appcontainsbrokenconnections | True |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_new')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Store\_App\_Dataverse\_References\_New

|  |  |
| --- | --- |
| **Name** | Store\_App\_Dataverse\_References\_New |
| **Type** | Scope |
| Subactions | [Check\_if\_App\_Database\_References\_are\_not\_null\_New](#Check_if_App_Database_References_are_not_null_New) |

### Check\_if\_App\_Database\_References\_are\_not\_null\_New

|  |  |
| --- | --- |
| **Name** | Check\_if\_App\_Database\_References\_are\_not\_null\_New |
| **Type** | If |
| **Expression** | |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @empty(items('Apply\_to\_each\_new')?['properties/databaseReferences'])  @true | | |
| Subactions | [Insert\_CDS\_Native\_Connection\_Reference](#Insert_CDS_Native_Connection_Reference)  [Mark\_app\_as\_using\_dataverse\_new](#Mark_app_as_using_dataverse_new) |
| Elseactions | [Mark\_app\_as\_not\_using\_dataverse\_new](#Mark_app_as_not_using_dataverse_new) |

### Insert\_CDS\_Native\_Connection\_Reference

|  |  |
| --- | --- |
| **Name** | Insert\_CDS\_Native\_Connection\_Reference |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | CreateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_connectionreferences |  |  |  | | --- | --- | | item/admin\_App@odata.bind | admin\_apps(@{items('Apply\_to\_each\_new')?['name']}) |  |  |  | | --- | --- | | item/admin\_Connector@odata.bind | admin\_connectors(@{variables('DataverseConnectorGUID')}) |  |  |  | | --- | --- | | item/admin\_displayname | Microsoft Dataverse | |

### Mark\_app\_as\_using\_dataverse\_new

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_using\_dataverse\_new |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | True |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_new')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Mark\_app\_as\_not\_using\_dataverse\_new

|  |  |
| --- | --- |
| **Name** | Mark\_app\_as\_not\_using\_dataverse\_new |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | UpdateRecord | |
| **parameters** | |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | item/admin\_appusesdataversetables | False |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_new')?['name'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Load\_Arrays

|  |  |
| --- | --- |
| **Name** | Load\_Arrays |
| **Type** | Scope |
| Subactions | [Apply\_to\_each\_App](#Apply_to_each_App)  [Get\_Apps\_as\_Admin](#Get_Apps_as_Admin)  [List\_Connectors](#List_Connectors) |

### Set\_DataverseConnectorGUID

|  |  |
| --- | --- |
| **Name** | Set\_DataverseConnectorGUID |
| **Type** | Scope |
| Subactions | [List\_rows](#List_rows)  [Set\_variable\_DataverseConnectorGUID](#Set_variable_DataverseConnectorGUID) |

### Apply\_to\_each\_App

|  |  |
| --- | --- |
| **Name** | Apply\_to\_each\_App |
| **Type** | Foreach |
| Subactions | [Get\_the\_App](#Get_the_App)  [Reset\_isNewToCoE](#Reset_isNewToCoE)  [Reset\_updateInCoe](#Reset_updateInCoe)  [See\_if\_new\_to\_CoE](#See_if_new_to_CoE)  [Set\_variable\_isNewToCoE\_to\_true](#Set_variable_isNewToCoE_to_true) |

### Get\_Apps\_as\_Admin

|  |  |
| --- | --- |
| **Name** | Get\_Apps\_as\_Admin |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Power Apps for Admins |](https://docs.microsoft.com/connectors/powerappsforadmins) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_powerappsforadmins |  |  |  | | --- | --- | | connectionName | shared\_powerappsforadmins |  |  |  | | --- | --- | | operationId | Get-AdminApps | |
| **parameters** | |  |  | | --- | --- | | $top | 250 |  |  |  | | --- | --- | | api-version | 2020-07-01 |  |  |  | | --- | --- | | environment | @triggerOutputs()?['body/admin\_environmentname'] | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### Get\_the\_App

|  |  |
| --- | --- |
| **Name** | Get\_the\_App |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | GetItem | |
| **parameters** | |  |  | | --- | --- | | $select | admin\_appid,admin\_appmodifiedon,admin\_appsharedgroups,admin\_appsharedusers, \_admin\_appowner\_value |  |  |  | | --- | --- | | entityName | admin\_apps |  |  |  | | --- | --- | | recordId | @items('Apply\_to\_each\_App')?['name'] | |

### Reset\_updateInCoe

|  |  |
| --- | --- |
| **Name** | Reset\_updateInCoe |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | updateInCoe |
| **value** | @false |

### Reset\_isNewToCoE

|  |  |
| --- | --- |
| **Name** | Reset\_isNewToCoE |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | isNewToCoE |
| **value** | @false |

### See\_if\_new\_to\_CoE

|  |  |
| --- | --- |
| **Name** | See\_if\_new\_to\_CoE |
| **Type** | If |
| **Expression** | |  |  | | --- | --- | | equals | @variables('isNewToCoE')  @true | |
| Subactions | [Append\_to\_new\_array](#Append_to_new_array) |
| Elseactions | [Catch\_case\_where\_coe\_last\_modified\_date\_is\_null\_](#Catch_case_where_coe_last_modified_date_is_null_)  [Catch\_case\_where\_product\_last\_modified\_date\_is\_null](#Catch_case_where_product_last_modified_date_is_null)  [LastDateModfiedCoE](#LastDateModfiedCoE)  [LastDateModifiedProduct](#LastDateModifiedProduct)  [See\_if\_needs\_updated\_in\_CoE](#See_if_needs_updated_in_CoE) |

### Set\_variable\_isNewToCoE\_to\_true

|  |  |
| --- | --- |
| **Name** | Set\_variable\_isNewToCoE\_to\_true |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | isNewToCoE |
| **value** | @true |

### Append\_to\_new\_array

|  |  |
| --- | --- |
| **Name** | Append\_to\_new\_array |
| **Type** | AppendToArrayVariable |
| **Inputs** |  |
| **name** | Apps\_New |
| **value** | @items('Apply\_to\_each\_App') |

### Catch\_case\_where\_coe\_last\_modified\_date\_is\_null\_

|  |  |
| --- | --- |
| **Name** | Catch\_case\_where\_coe\_last\_modified\_date\_is\_null\_ |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | updateInCoe |
| **value** | @true |

### LastDateModfiedCoE

|  |  |
| --- | --- |
| **Name** | LastDateModfiedCoE |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @coalesce(formatDateTime(outputs('Get\_the\_App')?['body/admin\_appmodifiedon'], 'yyyy-MM-dd HH:mm:ss'), '') |

### Catch\_case\_where\_product\_last\_modified\_date\_is\_null

|  |  |
| --- | --- |
| **Name** | Catch\_case\_where\_product\_last\_modified\_date\_is\_null |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | updateInCoe |
| **value** | @true |

### LastDateModifiedProduct

|  |  |
| --- | --- |
| **Name** | LastDateModifiedProduct |
| **Type** | Compose |
| **Inputs** |  |
| **Value** | @formatDateTime(items('Apply\_to\_each\_App')?['properties/lastModifiedTime'], 'yyyy-MM-dd HH:mm:ss') |

### See\_if\_needs\_updated\_in\_CoE

|  |  |
| --- | --- |
| **Name** | See\_if\_needs\_updated\_in\_CoE |
| **Type** | If |
| **Expression** | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | or | |  |  | | --- | --- | | equals | @variables('fullinventory')  True |  |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_App')?['properties/sharedGroupsCount']  @outputs('Get\_the\_App')?['body/admin\_appsharedgroups'] | |  |  |  |  |  | | --- | --- | --- | --- | | not | |  |  | | --- | --- | | equals | @items('Apply\_to\_each\_App')?['properties/sharedUsersCount']  @outputs('Get\_the\_App')?['body/admin\_appsharedusers'] | |  |  |  | | --- | --- | | equals | @variables('updateInCoe')  @true |  |  |  | | --- | --- | | less | @outputs('LastDateModfiedCoE')  @outputs('LastDateModifiedProduct') | | |
| Subactions | [Append\_to\_edit\_array](#Append_to_edit_array) |

### Append\_to\_edit\_array

|  |  |
| --- | --- |
| **Name** | Append\_to\_edit\_array |
| **Type** | AppendToArrayVariable |
| **Inputs** |  |
| **name** | Apps\_Editted |
| **value** | @items('Apply\_to\_each\_App') |

### List\_Connectors

|  |  |
| --- | --- |
| **Name** | List\_Connectors |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $select | admin\_displayname, admin\_id, admin\_name |  |  |  | | --- | --- | | entityName | admin\_connectors | |
| **retryPolicy** | |  |  | | --- | --- | | count | 10 |  |  |  | | --- | --- | | interval | PT10S |  |  |  | | --- | --- | | type | exponential | |

### List\_rows

|  |  |
| --- | --- |
| **Name** | List\_rows |
| **Type** | OpenApiConnection |
| **Connection** | [|  |  | | --- | --- | |  | Microsoft Dataverse |](https://docs.microsoft.com/connectors/commondataserviceforapps) |
| **Inputs** |  |
| **authentication** | @parameters('$authentication') |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_commondataserviceforapps |  |  |  | | --- | --- | | connectionName | shared\_commondataserviceforapps |  |  |  | | --- | --- | | operationId | ListRecords | |
| **parameters** | |  |  | | --- | --- | | $filter | admin\_name eq 'shared\_commondataserviceforapps' |  |  |  | | --- | --- | | $select | admin\_connectorid |  |  |  | | --- | --- | | entityName | admin\_connectors | |

### Set\_variable\_DataverseConnectorGUID

|  |  |
| --- | --- |
| **Name** | Set\_variable\_DataverseConnectorGUID |
| **Type** | SetVariable |
| **Inputs** |  |
| **name** | DataverseConnectorGUID |
| **value** | @{first(outputs('List\_rows')?['body/value'])?['admin\_connectorid']} |

## Detailed Flow Diagram

The following chart shows the detailed layout of the Flow

