

Cloud Assets

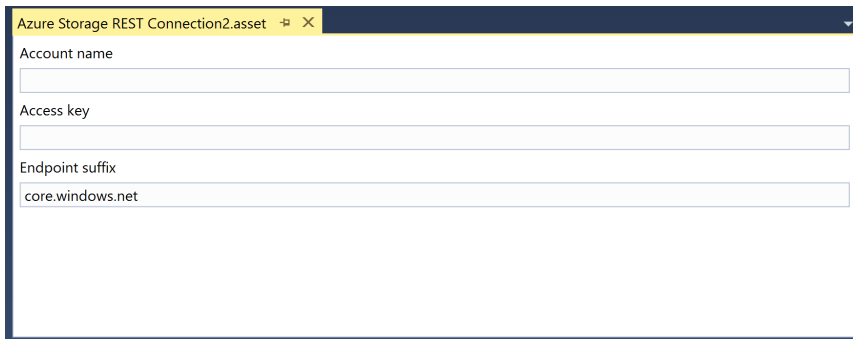
Last Modified on 16 July 2019

The Cloud assets include the items needed to gather data for actions and asserts.

Azure Storage Rest Connection

Azure Storage Rest Connection

Icon	Description
	The Azure Storage Rest Connection asset connects to an Azure Storage API.




A screenshot of a configuration window titled "Azure Storage REST Connection2.asset". The window contains four input fields: "Account name" (empty), "Access key" (empty), "Endpoint suffix" (containing "core.windows.net"), and a fourth empty field.

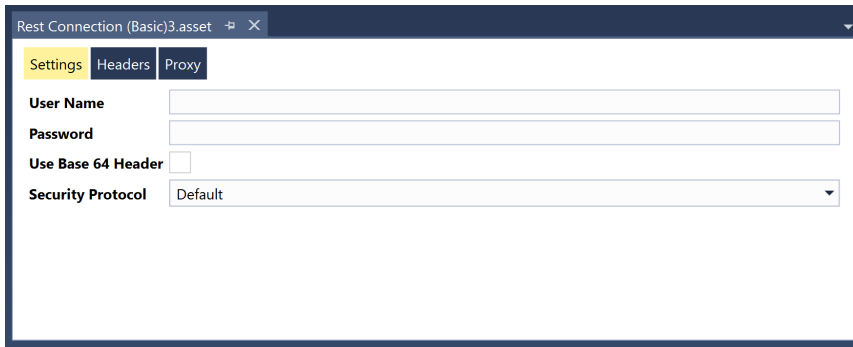
Function	Description
Account name	The name of the account required to make the connection.
Access key	The Access Key for the account that's required for the connection.
Endpoint suffix	

Rest Connection (Basic)

Rest Connection (Basic)

Icon	Description
	The Rest Connection (Basic) asset connects to a web API. It's used in the Execute Rest Query (Grid) and Execute Rest Query (Scalar) actions.

Settings Tab



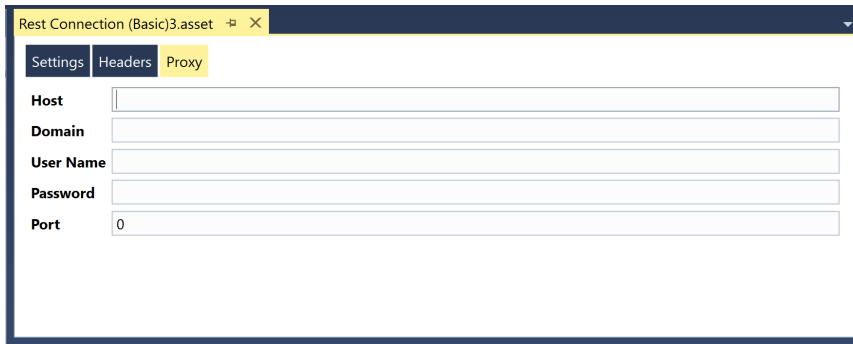
Function	Description						
User Name	The username needed to authenticate to the endpoint Url.						
Password	The password that authenticates to the endpoint Url.						
Use Base 64 Header	<p>Check this option when your endpoint requires you to use a basic authentication header using Base 64 Encoding.</p> <p>For example, this is how the header is added to the request:</p> <pre>webRequest.Headers.Add("Authorization", string.Format("Basic {0}", Convert.ToBase64String(Encoding.ASCII.GetBytes(string.Format("{0}:{1}", UserName, Password)))));</pre>						
Security Protocol	<p>Identifies the transport layer security or secure sockets layer used by the endpoint. The following options are available:</p> <table border="1" style="width: 100%; text-align: center;"> <tbody> <tr> <td>• Default</td> <td>• TLS1.0</td> <td>• TLS1.2</td> </tr> <tr> <td>• SSL3</td> <td>• TLS1.1</td> <td></td> </tr> </tbody> </table>	• Default	• TLS1.0	• TLS1.2	• SSL3	• TLS1.1	
• Default	• TLS1.0	• TLS1.2					
• SSL3	• TLS1.1						

Headers Tab



Add headers to every request being used by the connection.

Proxy Tab



Rest Connection (Basic)3.asset

Settings Headers Proxy

Host

Domain

User Name


Password

Port

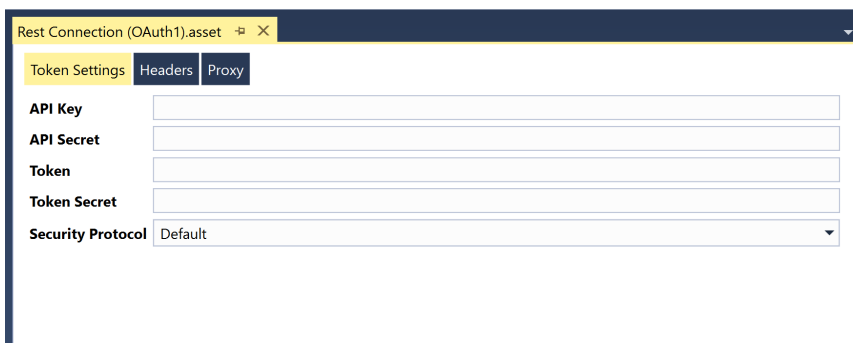
Icon	Description
Host	When connecting to an endpoint using a proxy, enter the address of the proxy server.
Domain	(Optional) The domain of the user logging in.
User Name	The username to authenticate to the proxy.
Password	The password to authenticate to the proxy.
Port	The port number needed to connect to the proxy.

Rest Connection OAuth1

Rest Connection OAuth1

Icon	Description
	The Rest Connection (OAuth1) asset connects to a web API that uses OAuth1 security. It's used in the Execute Rest Query (Grid) and Execute Rest Query (Scalar) actions.

Token Settings Tab



Rest Connection (OAuth1).asset

Token Settings Headers Proxy

API Key

API Secret

Token

Token Secret

Security Protocol

Function	Description
API Key	Authentication key provided at the application's developer site.

API Secret Function	Description						
Token	The token required by the web API that's provided at the application's developer site.						
Token Secret	The token's secret password provided at the application's developer site.						
Security Protocol	<p>Identifies the transport layer security or secure sockets layer used by the endpoint. The following options are available:</p> <table border="1"> <tbody> <tr> <td>• Default</td> <td>• TLS1.0</td> <td>• TLS1.2</td> </tr> <tr> <td>• SSL3</td> <td>• TLS1.1</td> <td></td> </tr> </tbody> </table>	• Default	• TLS1.0	• TLS1.2	• SSL3	• TLS1.1	
• Default	• TLS1.0	• TLS1.2					
• SSL3	• TLS1.1						

Headers Tab

Add headers to every request being used by the connection.


Proxy Tab

Function	Description
Host	When connecting to an endpoint using a proxy, enter the address of the proxy server.
Domain	(Optional) The domain of the user logging in.
User Name	The username to authenticate to the proxy.
Password	The password to authenticate to the proxy.

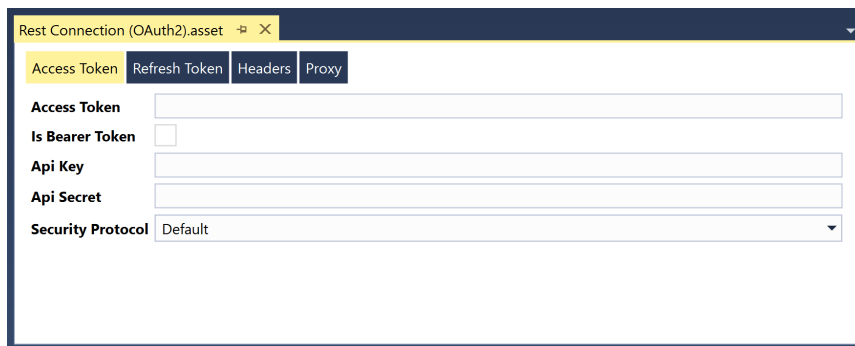
Function	Description
	Port number needed to connect to the proxy.

Rest Connection OAuth2

Rest Connection OAuth2

Icon	Description
	<p>The Rest Connection (OAuth2) asset connects to a web API that uses OAuth2 security. It's used in the Execute Rest Query (Grid) and Execute Rest Query (Scalar) actions.</p>

Access Token Tab



Function	Description						
Access Token	Carries the necessary information the API uses to determine whether the client is authorized or not. The access token is provided at the application's developer site.						
Is Bearer Token	An authorization header that's required by some API's. Select this option If the API issues a bearer token.						
API Key	Authentication key provided at the application's developer site.						
API Secret	Authentication secret provided at the application's developer site.						
Security Protocol	Identifies the transport layer security or secure sockets layer used by the endpoint. The following options are available: <table border="1" data-bbox="443 1713 1343 1908"> <tbody> <tr> <td>• Default</td> <td>• TLS1.0</td> <td>• TLS1.2</td> </tr> <tr> <td>• SSL3</td> <td>• TLS1.1</td> <td></td> </tr> </tbody> </table>	• Default	• TLS1.0	• TLS1.2	• SSL3	• TLS1.1	
• Default	• TLS1.0	• TLS1.2					
• SSL3	• TLS1.1						

Refresh Token Tab

Rest Connection (OAuth2).asset

Access Token Refresh Token Headers Proxy

Refresh Token

Refresh Token Endpoint

Refresh Token Endpoint Parameters

Access Token Json Path

Function	Description
Refresh Token	The token provided by the application or service. This call allows you to request new access tokens.
Refresh Token Endpoint	The refresh token URL. Example: <ul style="list-style-type: none"> • https://accounts.google.com/o/oauth2/auth
Refresh Token Endpoint Parameters	The query parameters used during the refresh token request. Example: <code>scope=https://www.googleapis.com/auth/drive.file&state=security_token%3D138r5719ru3e1%26url%3Dhttps://oa2cb.example.com redirect_uri=https%3A%2F%2Fmyapp.example.com%2Fcallback&response_type=code&client_id=8127352506391.apps.googleusercontent.com&approval_prompt=force&include_granted_scopes=true</code>
Access Token Json Path	When making the request to get a new access token, the service returns that access token in Json. This property is the path to that token. For example the path to the access token below is access_token. <ul style="list-style-type: none"> • <code>{ "access_token": "ERLKJDSLKDJKL!1231223", "expires_in" : 3180 }</code>

Headers Tab

Rest Connection (OAuth2).asset

Access Token Refresh Token Headers Proxy

Header Name	Header Value

Add Remove

Add headers to every request being used by the connection.

Proxy Tab

Rest Connection (OAuth2).asset

Access Token Refresh Token Headers Proxy

Host

Domain

User Name

Password

Port

Function	Description
Host	When connecting to an endpoint using a proxy, enter the address of the proxy server.
Domain	(Optional) The domain of the user logging in.
User Name	The username to authenticate to the proxy.
Password	The password to authenticate to the proxy.
Port	The port number needed to connect to the proxy.

S3 AWS Storage REST Connection

S3 AWS Storage REST Connection

Icon	Description
	The S3 AWS Storage Rest Connection asset connects to an S3 AWS service.

S3 AWS Storage REST Connection.asset


Access Key Id

Access Key

Function	Description
Access Key Id	The Access Key Id required for the connection.
Access Key	The Access Key required for the connection.

Salesforce Connection

Salesforce Connection

Icon	Description
	<p>The Salesforce Connection asset creates a connection to your Salesforce source. The editor also allows you to set up a connection through a proxy.</p>

Salesforce Connection Editor



Function	Description
User Name	The Salesforce user name.
Password + Security Token	This field requires both the password and the security token provided by salesforce to be entered together.
Server Url	An optional field to specify the server that hosts the connection.
Timeout	The amount of time to wait before the connection times out.
Use Proxy	Check to enable the use of the proxy settings below.
Proxy Host	The address of the proxy you want to use.
Proxy Domain	Domain address of the proxy.
Proxy User Name	User name to log into the proxy.
Proxy Password	Password to log into the proxy.
Proxy Port	Specify a port to use the proxy connection.
Test Connection	Tests the current settings and ensures they can connect.