

## Quick Start Guide to using common REST APIs for the 2.5 million identity dataset. Click on Links to See How They Work.

Use Case	Rest API Example	Description and important notes
<b>Get Random Person</b>	<a href="https://api.testdataservices.com.au/v0001F_GetRandomPerson">https://api.testdataservices.com.au/v0001F_GetRandomPerson</a>	Gets a Random Identity from the full set of 2.5 million identities, returning up to 54 identity attributes in JSON format. It is important to save the UID to facilitate retrieval of this identity in the future.
<b>Retrieve Particular Person</b>	<a href="https://api.testdataservices.com.au/v0001F_GetPerson?UID=f1b528da-7adf-4558-a376-65d75bcda740">https://api.testdataservices.com.au/v0001F_GetPerson?UID=f1b528da-7adf-4558-a376-65d75bcda740</a>	This returns the Identity using the UID, which is returned by GetRandomPerson.
<b>Save Authenticator Secret</b> (Requires MFA subscription)	<a href="https://api.testdataservices.com.au/v0001F_SaveGoogleSecret?Email=Demo.Example.1234@testdata.email&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz&amp;SecretKey=GEZDGNBVGy3TQOJQGEZDGNBVGy3TQOJQ">https://api.testdataservices.com.au/v0001F_SaveGoogleSecret?Email=Demo.Example.1234@testdata.email&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz&amp;SecretKey=GEZDGNBVGy3TQOJQGEZDGNBVGy3TQOJQ</a>	This is an example of saving a Google Authenticator secret key for an email address using a subscription key.
<b>Get Authenticator Token</b> (Requires MFA subscription)	<a href="https://api.testdataservices.com.au/v0001F_GetGoogleAuthCode?Email=Demo.Example.1234@testdata.email&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz">https://api.testdataservices.com.au/v0001F_GetGoogleAuthCode?Email=Demo.Example.1234@testdata.email&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz</a>	This is an example of a call to return a Google Authenticator token based on the secret saved against this email for this subscription. This free SubscriptionKey will work until Mid January 2020.
<b>Clear Previous Email(s)</b> (Requires EMAIL subscription)	<a href="https://api.testdataservices.com.au/v0001F_ClearMessage?EmailAddress=Demo.Example.1234@testdata.email&amp;FromDomain=testdataservices.com.au&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz">https://api.testdataservices.com.au/v0001F_ClearMessage?EmailAddress=Demo.Example.1234@testdata.email&amp;FromDomain=testdataservices.com.au&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz</a>	This call clears the previous message payload and resets a timer for this email address for this subscription.
<b>Get Most Recent Email</b> (Requires EMAIL subscription)	<a href="https://api.testdataservices.com.au/v0001F_GetMessage?EmailAddress=Demo.Example.1234@testdata.email&amp;FromDomain=testdataservices.com.au&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz">https://api.testdataservices.com.au/v0001F_GetMessage?EmailAddress=Demo.Example.1234@testdata.email&amp;FromDomain=testdataservices.com.au&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz</a>	This call returns the most recent email message, including headers, as a single blob of unformatted text, as well as a latency measure in seconds, if a single message was received after a ClearMessage call.
<b>Get Random Health Professional</b>	<a href="https://api.testdataservices.com.au/v0001F_GetRandomSEHP">https://api.testdataservices.com.au/v0001F_GetRandomSEHP</a>	This call returns a 'Self Employed Health Professional' (SEHP), which also includes Business Details, as well as other Health Sector related data, such as Medicare Provider ID.
<b>Check an ABN</b> (Requires ENDPOINT subscription)	<a href="https://api.testdataservices.com.au/v0001F_CheckABN?ABN=24798468854&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz">https://api.testdataservices.com.au/v0001F_CheckABN?ABN=24798468854&amp;SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz</a>	This call checks the ABN of an Organization against all organizations referenced in the dataset.
<b>View Subscription</b>	<a href="https://api.testdataservices.com.au/ViewSubscription?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz">https://api.testdataservices.com.au/ViewSubscription?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz</a>	Views all of the subscriptions related to the SubscriptionKey that have not yet expired.
<b>Save Tag</b> (Requires TAG subscription)	<a href="https://api.testdataservices.com.au/v0001F_SaveValue?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz&amp;TagKey=UAT_UserIDs&amp;TagValue=AU35xNKQPawZvJy7PnfZxRBXnXzEPjyn">https://api.testdataservices.com.au/v0001F_SaveValue?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz&amp;TagKey=UAT_UserIDs&amp;TagValue=AU35xNKQPawZvJy7PnfZxRBXnXzEPjyn</a>	Saves a Key Value Pair for a subscription – can be used as a 'Global Variable' Store, but only for KEYS and VALUES containing characters that can be used in a URL. Note that the values are saved against the underlying subscription, not the subscription key.
<b>Retrieve Tag</b> (Requires TAG subscription)	<a href="https://api.testdataservices.com.au/v0001F_GetValue?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz&amp;TagKey=UAT_UserIDs">https://api.testdataservices.com.au/v0001F_GetValue?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz&amp;TagKey=UAT_UserIDs</a>	Retrieves a Key Value Pair for a subscription.
<b>Create Subscription Key</b> (Requires TAG subscription)	<a href="https://api.testdataservices.com.au/v0001F_AddSubscriptionKey?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz">https://api.testdataservices.com.au/v0001F_AddSubscriptionKey?SubscriptionKey=dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz</a>	Creates a new (subordinate) Subscription Key, useful for managing lists of Tagged data, Emails and other APIs as well as controlling access to Test Data Services resources.
<b>Save USED ID</b> (Requires TAG subscription)	<a href="https://api.testdataservices.com.au/v0001F_SaveUserID?SubscriptionKey=AU35xNKQPawZvJy7PnfZxRBXnXzEPjyn&amp;UserID=Test1&amp;PersonUID=7967d517-b615-49f9-b94c-d93a1ac9b378">https://api.testdataservices.com.au/v0001F_SaveUserID?SubscriptionKey=AU35xNKQPawZvJy7PnfZxRBXnXzEPjyn&amp;UserID=Test1&amp;PersonUID=7967d517-b615-49f9-b94c-d93a1ac9b378</a>	Saves a USER ID into a set of User IDs that is managed by a Temporary TAG Key. Note the values are saved against the subscription key that is used, not the underlying subscription.
<b>Retrieve USER ID</b> (Requires TAG subscription)	<a href="https://api.testdataservices.com.au/v0001F_GetSavedUserID?SubscriptionKey=AU35xNKQPawZvJy7PnfZxRBXnXzEPjyn">https://api.testdataservices.com.au/v0001F_GetSavedUserID?SubscriptionKey=AU35xNKQPawZvJy7PnfZxRBXnXzEPjyn</a>	Retrieves a USER ID into a set of User IDs that is managed by a Temporary TAG Subscription Key
<b>Generate random JWT</b> (Requires OIDC subscription)	<a href="https://api.testdataservices.com.au/v0001F_OIDC_authorize_random?client=HTHDWkFd2XRxDWRxZeTWBjIkjY5sDWER">https://api.testdataservices.com.au/v0001F_OIDC_authorize_random?client=HTHDWkFd2XRxDWRxZeTWBjIkjY5sDWER</a>	Generates a OIDC JWT for a particular Client using a random user. (see WhitePaper for public key and details on other related calls to simulate an OIDC server)

Downloadable subset of 25,000 manufactured identities: [https://testdataservices.com.au/docs/Person\\_v0001F\\_25K.csv](https://testdataservices.com.au/docs/Person_v0001F_25K.csv)

**Please note:** The subscription key [dNQNhjq2GeWJ9DNQuaatZ7shdQKSQ2Uz](https://api.testdataservices.com.au/v0001F_GetRandomPerson) will work, but is significantly rate limited and should not be used in formal testing projects.



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