Google Sheets Import/Export - Feature #2701

Add ability to write to non-globally shared lookups

04/29/2020 04:56 PM - Luke Murphey

Status:	New		**Start date:**	04/29/2020
Priority:	Normal		**Due date:**	
Assignee:	Luke Murphey		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	2.0.6			

Description

The lookup table has to be shared globally in order for the "modular input" to locate the files, otherwise if shared at app level, you will get the following:

```
2020-04-20 16:20:11,503 ERROR A general exception was thrown when executing the import Traceback (
most recent call last): File "/opt/splunk/etc/apps/google_drive/bin/google_spreadsheet.py", line 2
23,
in import_file last_updated = google_lookup_sync.import_to_lookup_file(lookup_name, None, None, sp
readsheet_title, worksheet_name, session_key, create_if_non_existent=False) File "/opt/splunk/etc/
apps/google_drive/bin/google_drive_app/__init__.py", line 362,
in import_to_lookup_file splunk_lookup_table = lookupfiles.SplunkLookupTableFile.get(lookupfiles.S
plunkLookupTableFile.build_id(lookup_name, namespace, owner), sessionKey=session_key) File "/opt/s
plunk/lib/python2.7/site-packages/splunk/models/base.py", line 548,
in get return SplunkRESTManager(cls, sessionKey=sessionKey).get(id) File "/opt/splunk/lib/python2.
7/site-packages/splunk/models/base.py", line 528,
in get entity = self._get_entity(id, host_path=host_path) File "/opt/splunk/lib/python2.7/site-pac
kages/splunk/models/base.py", line 444,
in _get_entity return self._fix_entity(splunk.entity.getEntity(self.model.resource, None, sessionK
ey=self.sessionKey, uri=id)) File "/opt/splunk/lib/python2.7/site-packages/splunk/entity.py", line
 265,
in getEntity serverResponse, serverContent = rest.simpleRequest(uri, getargs=kwargs, sessionKey=se
ssionKey, raiseAllErrors=True) File "/opt/splunk/lib/python2.7/site-packages/splunk/rest/__init__.
py", line 550,
in simpleRequest raise splunk.ResourceNotFound(uri, extendedMessages=extractMessages(body)) Resour
ceNotFound: [HTTP 404] https://127.0.0.1:8089/services/data/lookup-table-files/foo.csv; [{'type':
'ERROR', 'code': None, 'text': 'Could not find object id=foo.csv'}]
```

My assumption is that your add-on uses the "services" endpoint, which has access to globally shared lookups. In order to solve for this, you may have something similar to that logic:
Find lookup file app location
Use "servicesNS/<user>/<app>/data/…."

The need we have here is simply to ensure the lookup tables follow the app permissions to avoid sharing globally with granular permissions. In the interim, the workaround works too, just need to maintain each individual ones.

History

#1 - 04/29/2020 04:57 PM - Luke Murphey

- Description updated