

Network Tools - Task #2477

Task # 2476 (Closed): Python 3 support

Cannot import dns

10/22/2019 07:12 PM - Luke Murphey

Status:	Closed	Start date:	10/22/2019
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	1.4.2		
Description Traceback (most recent call last): File "src/bin/network_tools_ops_rest_handler.py", line 41, in <module> from network_tools_app import rest_handler File "/Users/lmurphey/git/splunk-network-tools/src/bin/network_tools_app/__init__.py", line 40, in <module> from network_tools_app.ipwhois import IPWhois File "/Users/lmurphey/git/splunk-network-tools/src/bin/network_tools_app/ipwhois/__init__.py", line 28, in <module> from .net import Net File "/Users/lmurphey/git/splunk-network-tools/src/bin/network_tools_app/ipwhois/net.py", line 28, in <module> import dns.resolver ModuleNotFoundError: No module named 'dns'			

Associated revisions

Revision 336 - 10/22/2019 07:25 PM - lmurphey

Moving dns libs to bin directory for Python 3 support

Closes #2477

History

#1 - 10/22/2019 07:24 PM - Luke Murphey

Observations:

- from dns import resolver doesn't work either
- from network_tools_app.dns import resolver does work
- Copying dns to the main app directory makes it work

Solutions:

- Add dns to sys.path
 - ["/Users/lmurphey/git/splunk-network-tools/src/bin", "/Users/lmurphey/Splunk/py3/lib/python3.7/site-packages/splunk/appserver/mrsparkle", "/Users/lmurphey/git/splunk-network-tools/src/bin", "/Users/lmurphey/Splunk/py3/lib/python3.7.zip", "/Users/lmurphey/Splunk/py3/lib/python3.7", "/Users/lmurphey/Splunk/py3/lib/python3.7/lib-dynload", "/Users/lmurphey/Splunk/py3/lib/python3.7/site-packages", "/Users/lmurphey/Splunk/py3/lib/python3.7/site-packages/bottle-0.12.17-py3.7.egg", "/Users/lmurphey/Splunk/py3/etc/apps/alert_logevent/bin", "/Users/lmurphey/Splunk/py3/etc/apps/alert_webhook/bin", "/Users/lmurphey/Splunk/py3/etc/apps/introspection_generator_addon/bin", "/Users/lmurphey/Splunk/py3/etc/apps/radius_auth/bin", "/Users/lmurphey/Splunk/py3/etc/apps/search/bin", "/Users/lmurphey/Splunk/py3/etc/apps/splunk_archiver/bin", "/Users/lmurphey/Splunk/py3/etc/apps/splunk_instrumentation/bin", "/Users/lmurphey/Splunk/py3/etc/apps/splunk_monitoring_console/bin", "/Users/lmurphey/Splunk/py3/etc/system/bin", "/Users/lmurphey/Splunk/py3/etc/apps/network_tools/bin/network_tools_app", "/Users/lmurphey/Splunk/py3/etc/apps/network_tools/bin/network_tools_app/dns", "/Users/lmurphey/Splunk/py3/etc/apps/network_tools/bin"]
 - Still doesn't work

#2 - 10/22/2019 07:48 PM - Luke Murphey

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*