# fn-pa-panorama Functions for IBM Resilient

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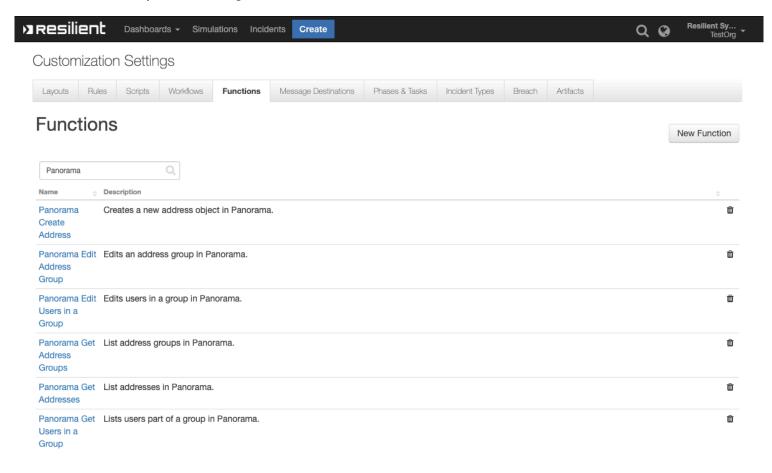
### **Release Notes**

#### v1.0.0

Initial Release

### **Overview**

Resilient Circuits Components to Integrate with the Panorama Platform



Contains Functions to get and edit addresses groups, get and create addresses, and get and edit users in a group within Panorama.

## Requirements

- IBM Resilient >= v31.0.4254
- An Integration Server running resilient circuits>=30.0.0
  - To setup an Integration Server see: ibm.biz/res-int-server-guide
- resilient-lib>32.0.140
- Panorama 9.0

### Installation

- Download the fn pa panorama.zip .
- Copy the .zip to your Integration Server and SSH into it.
- **Unzip** the package: \$ unzip fn\_pa\_panorama-x.x.x.zip
- Change Directory into the unzipped Directory: \$ cd fn\_pa\_panorama-x.x.x
- Install the package: \$ pip install fn\_pa\_panorama-x.x.x.tar.gz
- Import the **configurations** into your app.config file: \$ resilient-circuits config -u
- Import the fn\_pa\_panorama **customizations** into the Resilient platform:
  - \$ resilient-circuits customize -y -l fn-pa-panorama
- Generate the API key for Panorama:

curl -X GET 'https://9.70.194.108/api/?type=keygen&user=<your\_username>&password=<your\_password>' -k

• Open the config file, scroll to the bottom and edit your fn\_pa\_panorama configurations: \$ nano ~/.resilient/app.config

Config	Required	Example	Description
panorama_host	Yes	https://0.0.0.0	The location where your Panorama software is running.
api_key	Yes	<panorama_api_key></panorama_api_key>	API key generated in the step above
cert	Yes	[True/False]	True or False

- Save and Close the app.config file.
- [Optional]: Run selftest to test the Integration you configured: \$ resilient-circuits selftest -1 fn-pa-panorama
- Run resilient-circuits or restart the Service on Windows/Linux: \$ resilient-circuits run

### Uninstall

- SSH into your Integration Server.
- Uninstall the package: \$ pip uninstall fn-pa-panorama
- Open the config file, scroll to the [fn\_pa\_panorama] section and remove the section or prefix # to comment out the section.
- Save and Close the app.config file.

## **Troubleshooting**

There are several ways to verify the successful operation of a function.

#### **Resilient Action Status**

- When viewing an incident, use the Actions menu to view Action Status.
- By default, pending and errors are displayed.
- · Modify the filter for actions to also show Completed actions.
- Clicking on an action displays additional information on the progress made or what error occurred.

### **Resilient Scripting Log**

- A separate log file is available to review scripting errors.
- · This is useful when issues occur in the pre-processing or post-processing scripts.
- The default location for this log file is: /var/log/resilient-scripting/resilient-scripting.log .

### **Resilient Logs**

- By default, Resilient logs are retained at /usr/share/co3/logs.
- The client.log may contain additional information regarding the execution of functions.

#### **Resilient-Circuits**

- The log is controlled in the <code>.resilient/app.config</code> file under the section [resilient] and the property <code>logdir</code> .
- The default file name is app.log.
- · Each function will create progress information.
- Failures will show up as errors and may contain python trace statements.

## **Support**

Name	Version	Author	Support URL
fn_pa_panorama	1.0.0	IBM Resilient	https://github.com/ibmresilient/resilient-community-apps