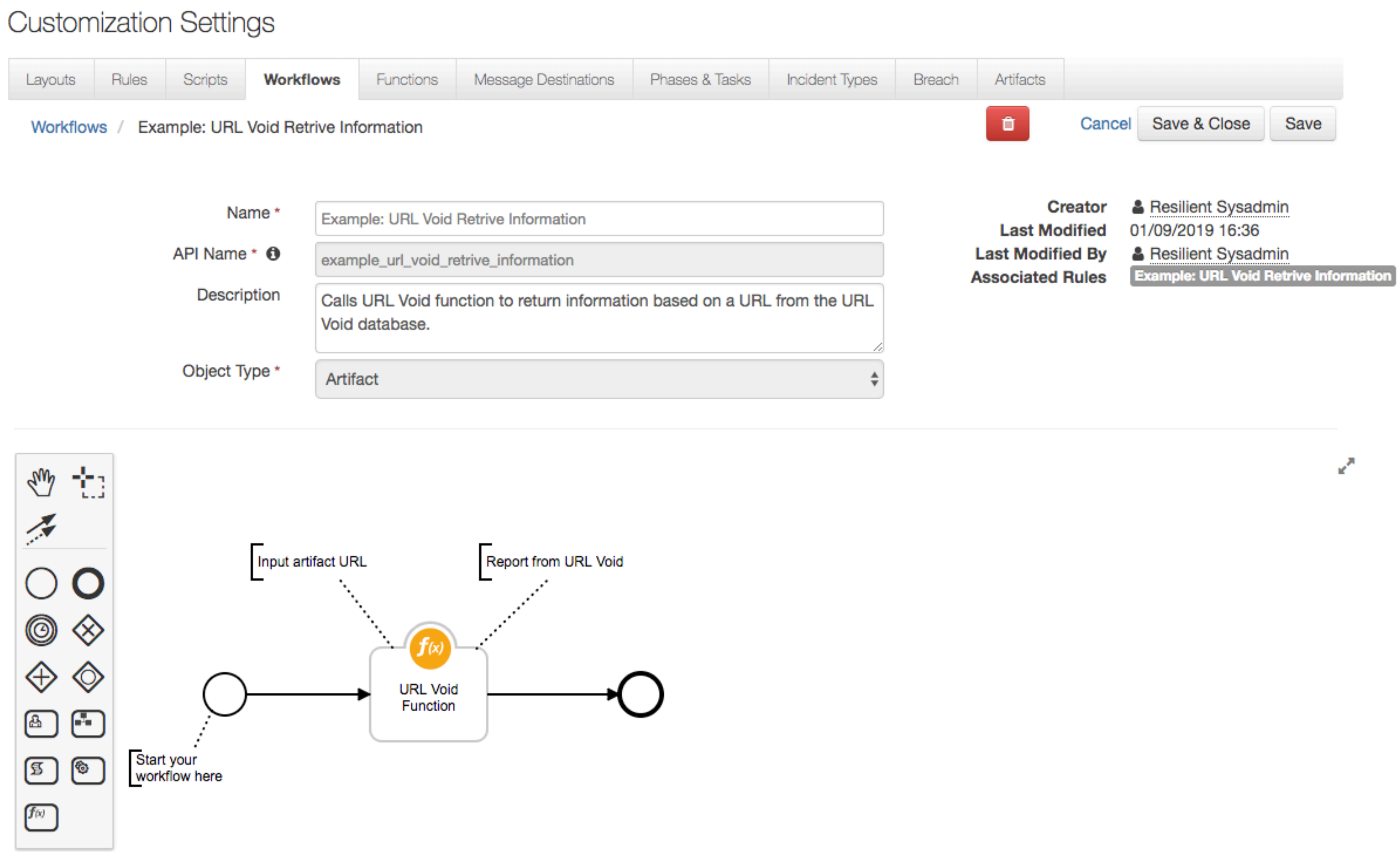
Resilient Integration with URL Void

This package contains one function that allows you to call different URL Void APIs based on a given URL as an input.

This function comes with three workflows and rules, which retrieve information from a URL, scan a URL, and rescan a URL. An example is shown below.



Name * Example: URL Void Retrive Information

API Name * example_url_void_retrive_information

Description Calls URL Void function to return information based on a URL from the URL Void database.

Object Type * Artifact

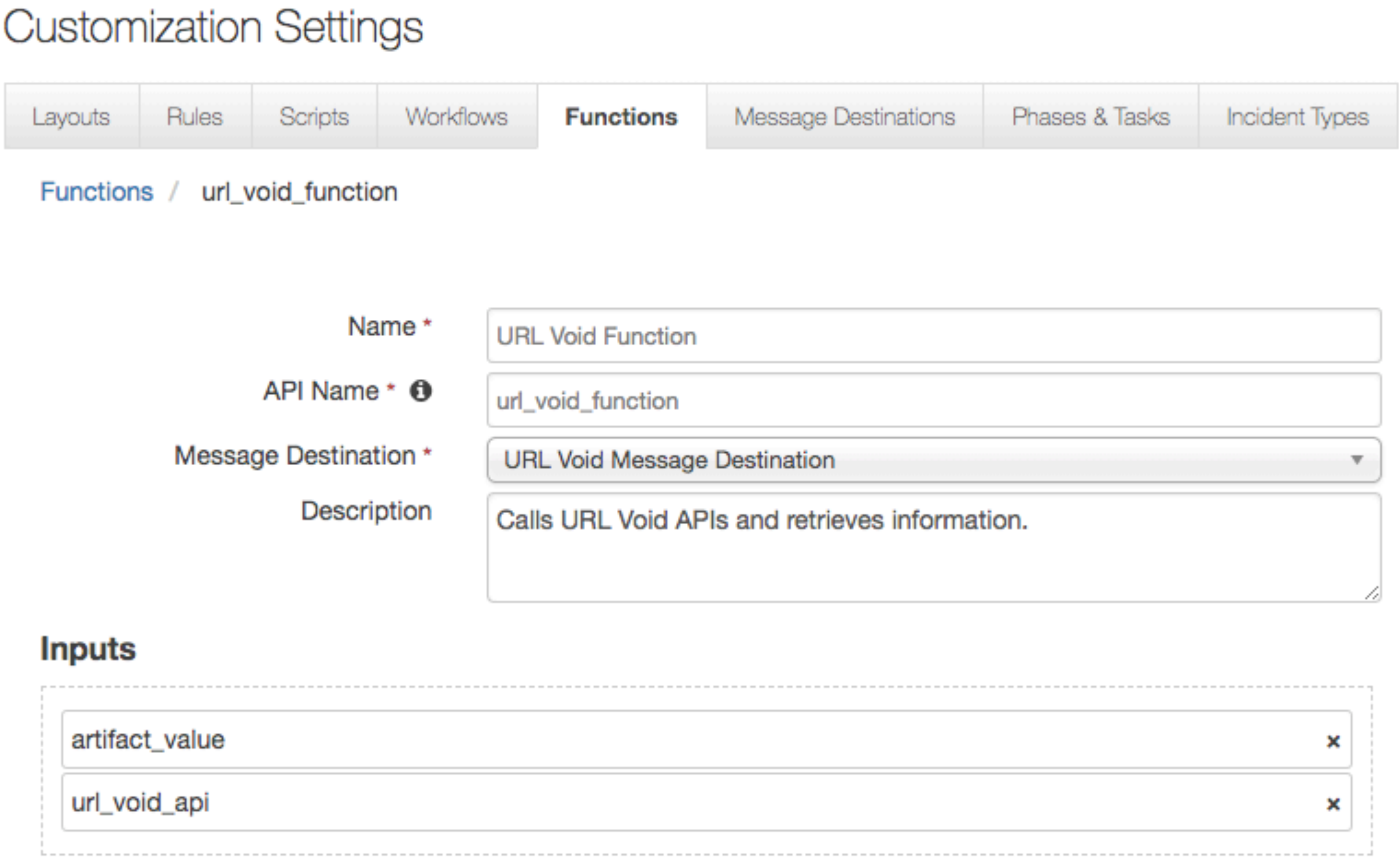
Creator Resilient Sysadmin

Last Modified 01/09/2019 16:36

Last Modified By Resilient Sysadmin

Associated Rules Example: URL Void Retrive Information

The function included in this package is shown below:



Customization Settings

Functions / url_void_function

Name * URL Void Function

API Name * url_void_function

Message Destination * URL Void Message Destination

Description Calls URL Void APIs and retrieves information.

Inputs

artifact_value

url_void_api

URL Void Function Inputs

Function inputs	Type	Required	Example
`artifact_value`	`String`	Yes	`"https://google.com"`
`url_void_api`	`Select`	Yes	`Retrieve/Scan/Rescan`

URL Void Function Outputs

```
{
   "inputs":{
      "artifact_value":"https://urlvoid.com",
      "url_void_api":{
         "name":"Retrieve",
         "id":500
      }
   },
   "metrics":{
      "package":"fn-url-void",
      "timestamp":"2019-01-11 11:30:31",
      "package_version":"1.0.0",
      "host":"brians-mbp.cambridge.ibm.com",
      "version":"1.0",
      "execution_time_ms":437
   },
   "success":true,
   "content":{
      "response":{
         "details":{
            "host":"urlvoid.com",
            "updated":"1547221345",
            "updated_datetime":"2019-01-11 10:42:25",
            "domain_age":"1242424800",
            "domain_age_date":"2009-05-15",
            "ip":{
               "addr":"195.154.84.63",
               "hostname":"195-154-84-63.rev.poneytelecom.eu",
               "asn":"12876",
               "asname":"Online S.a.s.",
               "country_code":"FR",
               "country_name":"France",
               "region_name":null,
               "city_name":null,
               "continent_code":"EU",
               "continent_name":"Europe",
               "latitude":"48.8582",
               "longitude":"2.3387"
            }
         },
         "page_load":"0.01"
      }
   },
   "raw":'{
      "response":{
         "details":{
            "host":"urlvoid.com",
            "updated":"1547221345",
            "updated_datetime":"2019-01-11 10:42:25",
            "domain_age":"1242424800",
            "domain_age_date":"2009-05-15",
            "ip":{
               "addr":"195.154.84.63",
               "hostname":"195-154-84-63.rev.poneytelecom.eu",
               "asn":"12876",
               "asname":"Online S.a.s.",
               "country_code":"FR",
               "country_name":"France",
               "region_name":null,
               "city_name":null,
               "continent_code":"EU",
               "continent_name":"Europe",
               "latitude":"48.8582",
               "longitude":"2.3387"
            }
         }',
         "page_load":"0.01"
      }
   },
   "reason":null,
   "version":"1.0"
}
```

Pre-Process Script

This example sets the `artifact_value` input to the value of the incident's artifact.

```
inputs.artifact_value = artifact.value
```

Post-Process Script

This example adds a notes to the incident stating how many detections were found on the URL and provides a link to URL Void which contains a graphical display of the information.

```
url = results.inputs.artifact_value

if results.content.response.details:
  if results.content.response.detections:
    count = results.content.response.detections.count
  else:
    count = "0"
  host = results.content.response.details.host
  link = "https://www.urlvoid.com/scan/{}/".format(host)

  note = helper.createRichText("<b>{}</b> detections were found on {}. <a href=\"{}\"
>Link to URL Void</a>".format(count, url, link))
else:
  note = "No information returned on {}".format(url)

incident.addNote(note)
```

Rules

Rule Name	Object Type	Workflow Triggered	Conditions
Example: URL Void Retrive	`Artifact`	`Example: URL Void Retrieve Information`	`Type` is equal to `URL`
Example: URL Void Scan	`Artifact`	`Example: URL Void Scan`	`Type` is equal to `URL`
Example: URL Void Rescan	`Artifact`	`Example: URL Void Rescan`	`Type` is equal to `URL`

To install in "development mode":

```
pip install -e ./fn_url_void/
```

To uninstall:

```
pip uninstall fn_url_void
```

To package for distribution:

```
python ./fn_url_void/setup.py sdist
```

The resulting .tar.gz file can be installed usin:

```
pip install <filename>.tar.gz
```

To run the integration:

```
resilient-circuits run
```