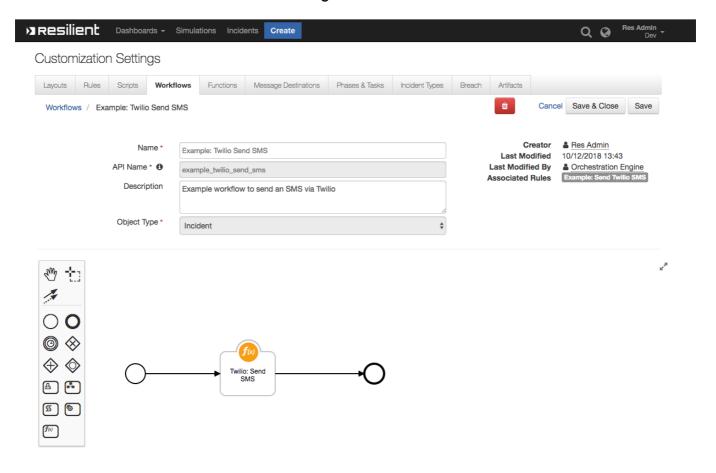
Resilient Function - Twilio Send SMS

Table of Contents

- Prerequisites
- app.config settings
- Function Inputs
- Function Output
- Pre-Process Script
- Post-Process Script
- Rules

This Resilient Function package can be used to send an SMS via Twilio from a workflow using the Functions feature of the Resilient Circuits integration framework.



Prerequisites:

resilient version 30 or later resilient_circuits version 30 or later twilio version 6.21.0 or later

app.config settings

This package requires that it is installed on a RHEL platform and that the resilient-circuits application is running. Install this package with 'pip', or python setup.py install. To set the config values in the app.config file with a new resilient instance run resilient-circuits config -c. To set the config values in the app.config file with an existing resilient instance run resilient-circuits config -u.

Config values example: The parameters twilio_account_sid and twilio_auth_token are as defined in your Twilio account. The parameter twilio_src_address should be set to the Twilio number you wish to use.

```
[fn_twilio_send_sms]
twilio_account_sid=
twilio_auth_token=
# This is the number that will originate the SMS and must be an active SMS
phone number on your Twilio Account
# The format should be as per the Twilio console properties for your
number, e.g. +1234567890
twilio_src_address=
```

Run with: resilient-circuits run.

Function Inputs

Function Name	Туре	Required	Example	Info
twilio_sms_destination	String	Yes	"+353861234567,+1234567"	A comma delimited (CSV) list of destination numbers in international format.
twilio_sms_message	String	Yes	"An incident has been created!"	The message you wish to send

Function Output

```
{
  'twilio_status': [
    {
        'phone_number': u'+1234',
        'error_message': "Unable to create record: The 'To' number is not a
valid phone number.",
        'success': False
    },{
        'phone_number': u'+353834463164',
        'success': True
```

```
}
],
'inputs': {
  'twilio_sms_message': u'An incident test (2096) with Low priority may
require your attention',
  'twilio_sms_destination': u'1234,353834463164'
  }
, 'success': True
}
```

Pre-Process Script

The following is an example of setup of each parameter using a simple workflow pre-processing script. The message can be customised to suit your own use case.

```
inputs.twilio_sms_destination = rule.properties.twilio_sms_destination
inputs.twilio_sms_message = 'An incident ' + incident.name + ' (' +
`incident.id` + ') with ' + incident.severity_code + ' priority may
require your attention'
```

Post-Process Script

The results returned to Resilient can be used to determine the status for each destination. Below is an example post process script which adds a note for each destination.

Rules

Rule Name Object Type Workflow Triggered