fn-isitphishing for IBM Resilient

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Release Notes

v1.0.0

- App Host support.
- Package name changed from fn_isitPhishing to fn_isitphishing.

NOTE Prior installs: Edit your app.config file to change `[fn_isitPhishing]` to `[fn_isitphishing]`

v1.0.0

- Initial Release

Overview

Resilient Circuits Function that queries isitPhishing.org API to analyze a URL or an HTML document

Key Features

- This package contains two functions that call the Vade Secure IsItPhishing Webservice API to analyze a URL or to analyze an HTML document.
- 3 example workflows and rules to demonstrate how to invoke and use the functions.

Installation

Requirements

- Resilient platform >= `v36.0.5634`
- An App Host or an Integration Server:
  - To setup up an App Host see: ibm.biz/res-app-host-setup

    - An Integration Server running `resilient_circuits>=31.0.0` (if using an Integration Server)
        - To set up an Integration Server see: ibm.biz/res-int-server-guide
        - If using an API key account, minimum required permissions are:

Name	Permissions
Org Data	Read
Function	Read

- Proxy supported: Yes

Install

- To install or uninstall an App using the App Host see ibm.biz/res-install-app
- To install or uninstall an Integration using the Integration Server see the ibm.biz/res-install-int

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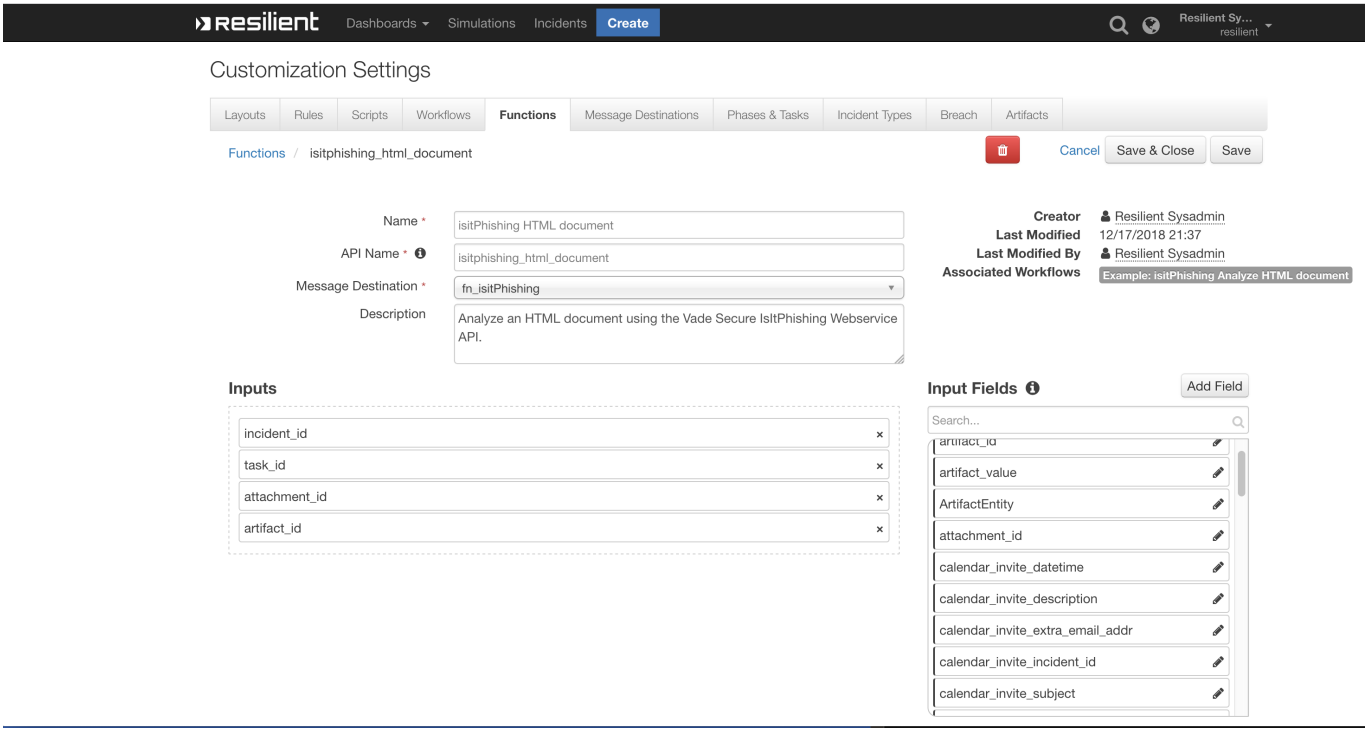
App Configuration

The following table describes the settings you need to configure in the app.config file. If using App Host, see the Resilient System Administrator Guide. If using the integration server, see the Integration Server Guide.

Config	Required	Example	Description
isitphishing_api_url	Yes	`https://ws.isitphishing.org/api/v2`	*IsItPhishing endpoint*
isitphishing_name	Yes	`name`	*username from Vade Secure*
isitphishing_license	Yes	`license from Vade Secure`	*license from Vade Secure*

Function - IsItPhishing HTML document

Analyze an HTML document using the Vade Secure IsItPhishing Webservice API.



▶ Inputs:

Name	Type	Required	Example	Tooltip
artifact_id	number	No	–	-
attachment_id	number	No	–	-
incident_id	number	Yes	–	-
task_id	number	No	–	-

▶ Outputs:

```
results = {'version': '1.0',
           'success': True,
           'reason': None,
           'content': {'result': 'unknown'},
           'raw': '{"result": "unknown"}',
           'inputs': {'incident_id': 2147,
                      'attachment_id': 259,
                      'filename': 'sample.html'},
           'metrics': {'version': '1.0', 'package': 'fn-isitphishing',
                       'package_version': '1.1.0', 'host': 'MacBook-
Pro.local',
                       'execution_time_ms': 2800, 'timestamp': '2020-11-04
16:29:44'}}
```

▶ Example Pre-Process Script:

```
# Required inputs are: incident id and artifact id.
inputs.incident_id = incident.id
```

```
inputs.artifact_id = artifact.id
```

▶ Example Post-Process Script:

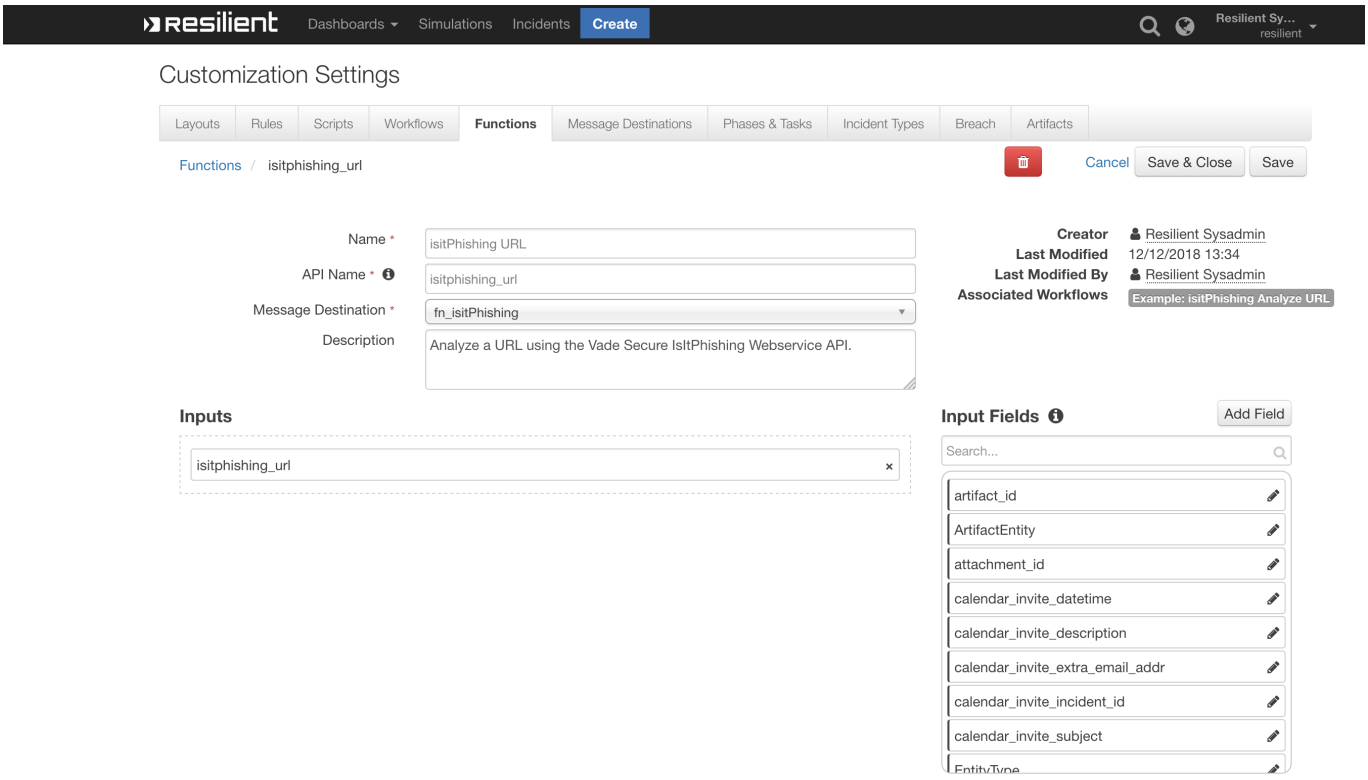
```
if results.success:
  content = u"IsItPhishing analysis of artifact document {0} :
{1}".format(results["inputs"]["filename"],results['content']['result'])
else:
  content = u"IsItPhishing analysis of artifact document {0} :
ERROR".format(results["inputs"]["filename"])

# Create a note
note = helper.createPlainText(content)

# Add note to the task or incident
if task:
  task.addNote(note)
else:
  incident.addNote(note)
```

Function - IsItPhishing URL

Analyze a URL using the Vade Secure IsItPhishing Webservice API.



▶ Inputs:

Name	Type	Required	Example	Tooltip

Name	Type	Required	Example	Tooltip
isitphishing_url	text	Yes	-	-

▶ Outputs:

```
results = {'version': '1.0',
           'success': True,
           'reason': None,
           'content': {'status': 'PHISHING'},
           'raw': '{"status": "PHISHING"}',
           'inputs': {'isitphishing_url': 'https://www.bill-
netflix.com/index.php'},
           'metrics': {'version': '1.0',
                       'package': 'fn-isitphishing',
                       'package_version': '1.1.0',
                       'host': 'MacBook-Pro.local',
                       'execution_time_ms': 5394,
                       'timestamp': '2020-11-12 17:33:23'}}

}
```

▶ Example Pre-Process Script:

```
# Get the URL from the artifact value
inputs.isitphishing_url = artifact.value
```

▶ Example Post-Process Script:

```
# Get the results and post to an incident note.
if results.success:
  content = u'IsItPhishing analysis of URL {0} :
{1}\n'.format(results['inputs']['isitphishing_url'], results['content']
['status'])
else:
  content = u'IsItPhishing analysis of URL {0} :
ERROR\n'.format(results['inputs']['isitphishing_url'])
note = helper.createPlainText(content)
incident.addNote(note)
```

Rules

Rule Name	Object	Workflow Triggered

Rule Name	Object	Workflow Triggered
Example: IsItPhishing Analyze URL	artifact	`example_isitphishing_analyze_url`
Example: IsItPhishing Analyze HTML Document: Artifact	artifact	`example_isitphishing_analyze_html_document_artifact`
Example: IsItPhishing Analyze HTML Document: Attachment	attachment	`example_isitphishing_analyze_html_document`

Troubleshooting & Support

If using the app with an App Host, see the Resilient System Administrator Guide and the App Host Deployment Guide for troubleshooting procedures. You can find these guides on the IBM Knowledge Center, where you can select which version of the Resilient platform you are using.

If using the app with an integration server, see the Integration Server Guide

For Support

This is a IBM Community Provided App. Please search the Community https://ibm.biz/resilientcommunity for assistance.