

URL to DNS Function for IBM Resilient

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Release Notes

v1.1.0

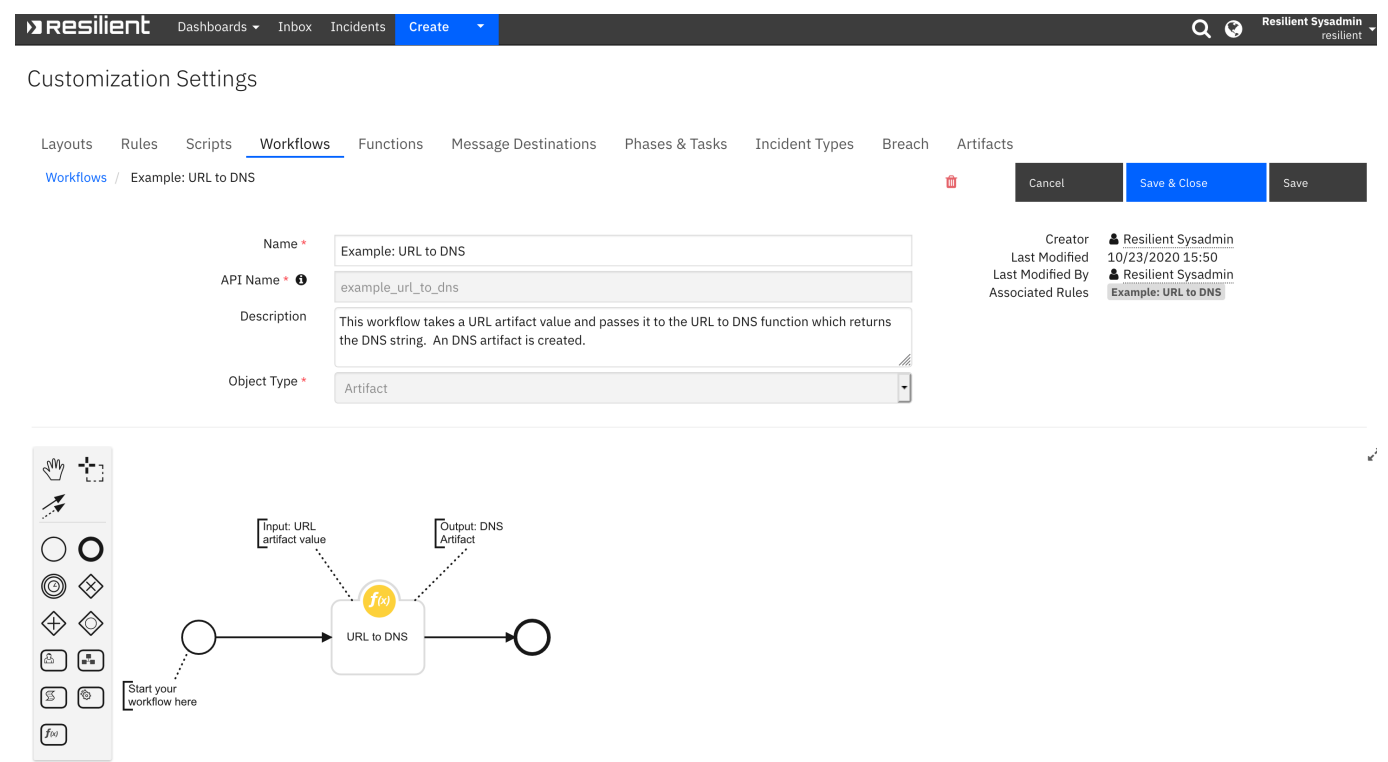
- App Host support

v1.0.0

- Initial Release
-

Overview

Resilient Circuits Components for 'fn_url_to_dns'



Resilient Circuits Components for 'fn_url_to_dns'

Key Features

- Function parses a URL string and returns the DNS component of the string.
- Workflow and rule are triggered off an URL artifact and a DNS artifact is created.

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>=30.0.0** (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
Edit Incidents	Fields

- Proxy supported: No (not needed)

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

App Configuration

- No app.config file settings are needed for this integration.

Function - URL to DNS

None

Customization Settings

Layouts Rules Scripts Workflows **Functions** Message Destinations Phases & Tasks Incident Types Breach Artifacts

Functions / url_to_dns

Name * URL to DNS

API Name * url_to_dns

Message Destination * url_to_dns

Description A description of the Function.

Inputs

urltodns_url

Input Fields

Search...

Cancel Save & Close Save

Creator Resilient Sysadmin

Last Modified 10/22/2020 15:39

Last Modified By Resilient Sysadmin

Associated Workflows Example: URL to DNS

Add Field

► Inputs:

Name	Type	Required	Example	Tooltip
urltodns_url	text	No	—	-

► Outputs:

```
results = {
  # TODO: Copy and paste an example of the Function Output within this
  # code block.
  # To view the output of a Function, run resilient-circuits in DEBUG
  # mode and invoke the Function.
  # The Function results will be printed in the logs: "resilient-
  # circuits run --loglevel=DEBUG"
}
```

► Example Pre-Process Script:

```
inputs.urltodns_url = artifact.value
```

► Example Post-Process Script:

```

if results.success:
    content = results.get('content')
    dns_name = content.get('dns')

    incident.addArtifact("DNS Name", dns_name, "Created from URL")
else:
    incident.addNote("URL to DNS function failed.")

```

Rules

Rule Name	Object	Workflow Triggered
Example: URL to DNS	artifact	example_url_to_dns

The screenshot below shows the provided example rule:

The screenshot shows the 'Customization Settings' page in the Resilient Sysadmin interface. The page has a top navigation bar with 'Resilient' logo, 'Dashboards', 'Inbox', 'Incidents', and a 'Create' button. The main content area is titled 'Customization Settings' and has tabs for 'Layouts', 'Rules', 'Scripts', 'Workflows', 'Functions', 'Message Destinations', 'Phases & Tasks', 'Incident Types', 'Breach', and 'Artifacts'. The 'Rules' tab is selected, and the specific rule being edited is 'Example: URL to DNS'.

On the left side, there are labels for 'Display Name', 'Object Type', and 'Conditions'. The 'Display Name' is 'Example: URL to DNS'. The 'Object Type' is 'Artifact'. The 'Conditions' section has radio buttons for 'All', 'Any' (selected), and 'Advanced'. Below these is a text box containing 'example: 1 OR (2 AND 3)'. There are two condition rows, each with a 'Type' dropdown, a comparison operator 'is equal to', and a value field. The first row has 'URL String' and the second row has 'URL'. Each row has a green plus icon and a red minus icon.

At the bottom, there is an 'Activities' section with three rows: 'Ordered' (with a description and an 'Add New' link), 'Workflows' (with a description and a text box containing 'Example: URL to DNS'), and 'Destinations' (with a description and a 'Select Destinations' text box). A 'Show Activity Fields' link is at the bottom.

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](https://ibm.biz/resilientcommunity), 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.