

URL to DNS Function for IBM Resilient

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Release Notes

v1.0.0

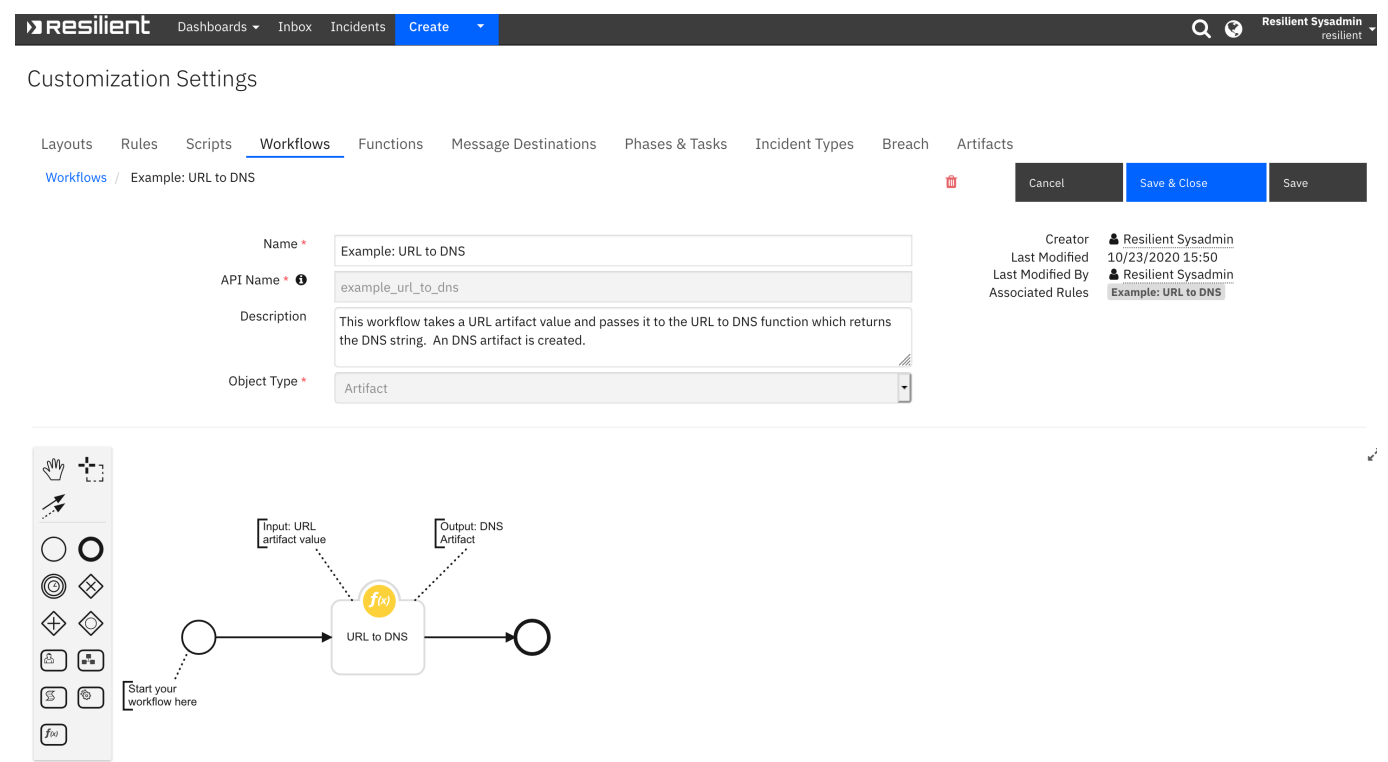
- App Host support

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
- 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

The screenshot shows the 'Customization Settings' for a function named 'URL to DNS'. The interface includes a top navigation bar with 'Dashboards', 'Inbox', 'Incidents', and 'Create'. Below this, a breadcrumb trail shows 'Functions / url_to_dns'. The main form has fields for 'Name' (URL to DNS), 'API Name' (url_to_dns), 'Message Destination' (url_to_dns), and 'Description' (A description of the Function.). To the right, a metadata section shows 'Creator' (Resilient Sysadmin), 'Last Modified' (10/22/2020 15:39), and 'Last Modified By' (Resilient Sysadmin). Below the form, an 'Inputs' section shows a single input field 'urltodns_url'. On the right, there are buttons for 'Cancel', 'Save & Close', and 'Save', along with a search bar for 'Input Fields'.

► 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')
```

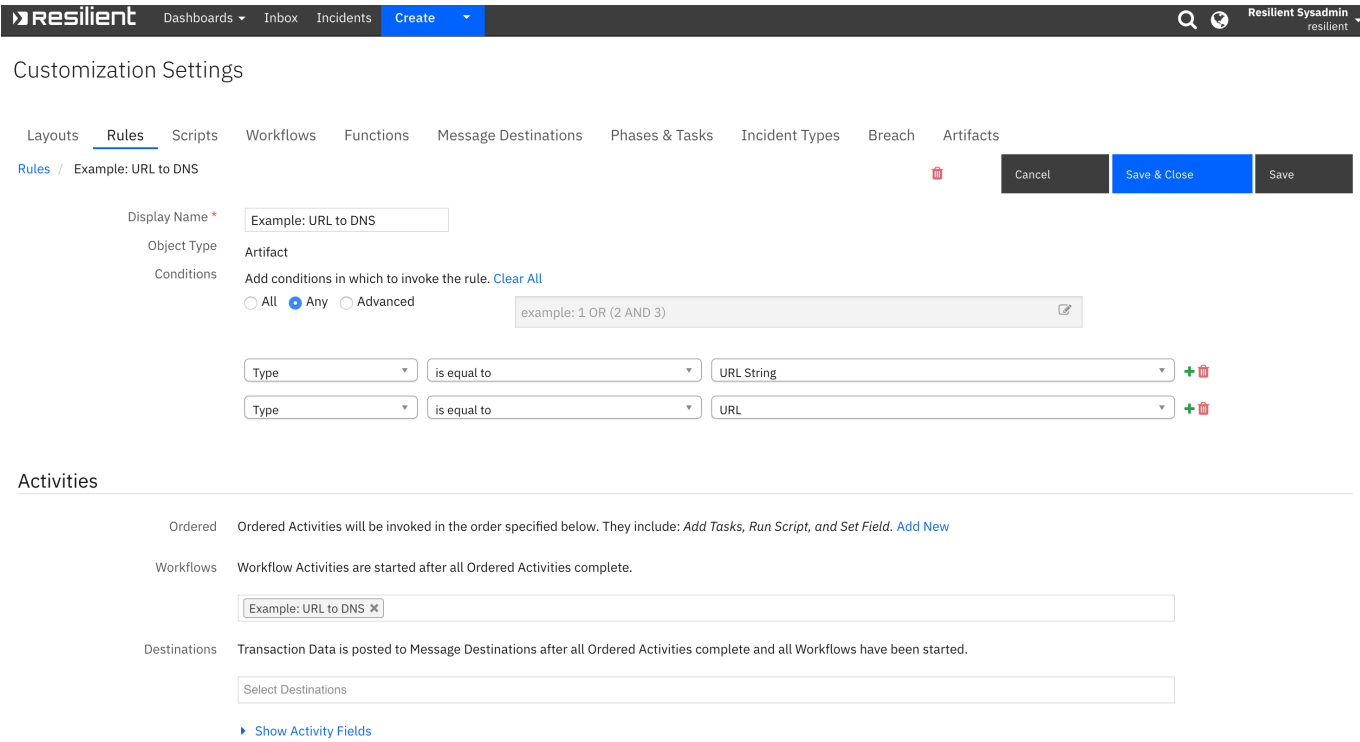
```
dns_name = content.get('dns')

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:



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.