

# URL to DNS Function for IBM Resilient

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## Release Notes

### v1.0.0

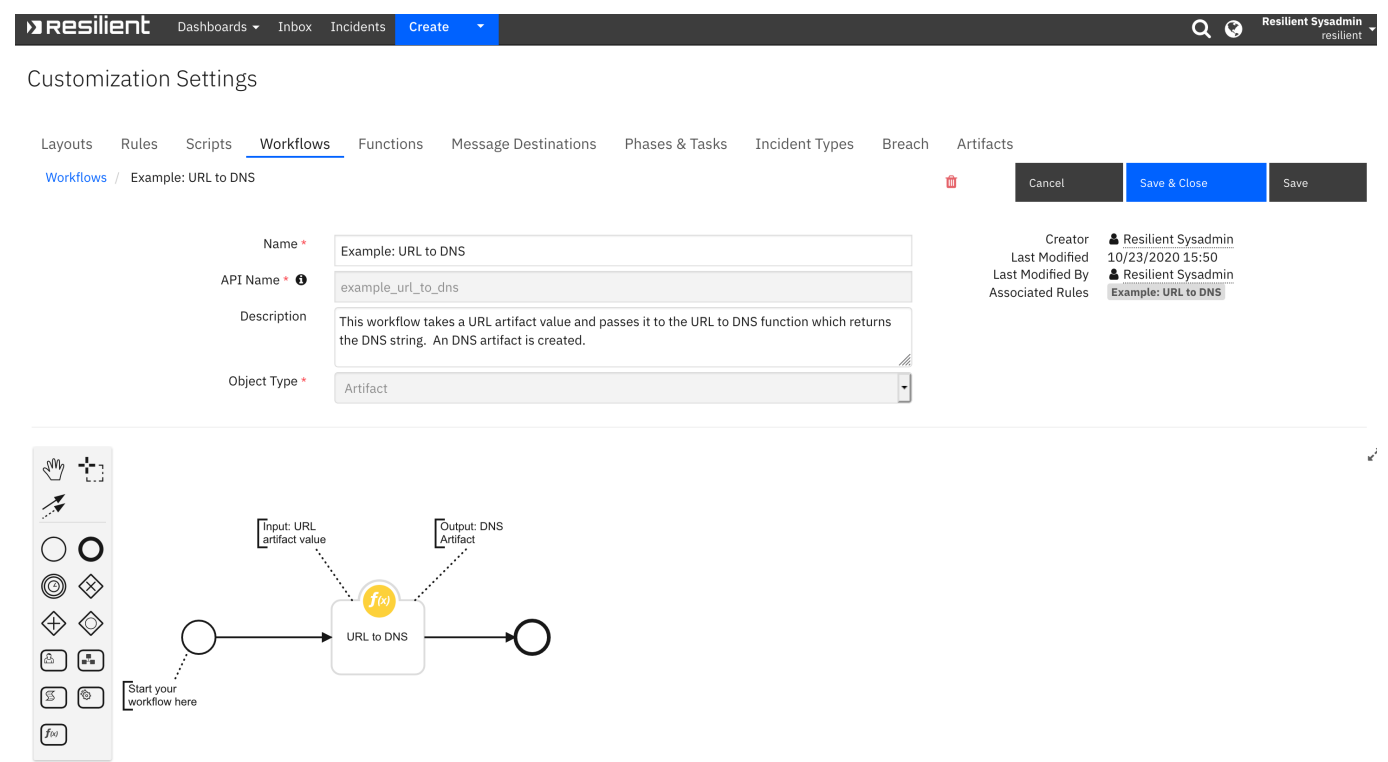
- App Host support

### 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](https://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](https://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](https://ibm.biz/res-install-app)

- To install or uninstall an Integration using the Integration Server see the [ibm.biz/res-install-int](https://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 'Resilient Sysadmin' interface. The top navigation bar includes 'Dashboards', 'Inbox', 'Incidents', and a 'Create' button. The user is logged in as 'Resilient Sysadmin'. The main section 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, showing 'Example: URL to DNS'. On the right, there are 'Cancel', 'Save & Close', and 'Save' buttons.

**Display Name \*** Example: URL to DNS

**Object Type** Artifact

**Conditions** Add conditions in which to invoke the rule. [Clear All](#)

☐ All ☒ Any ☐ Advanced

example: 1 OR (2 AND 3)

Type is equal to URL String

Type is equal to URL

**Activities**

**Ordered** Ordered Activities will be invoked in the order specified below. They include: *Add Tasks, Run Script, and Set Field*. [Add New](#)

**Workflows** Workflow Activities are started after all Ordered Activities complete.

Example: URL to DNS

**Destinations** Transaction Data is posted to Message Destinations after all Ordered Activities complete and all Workflows have been started.

Select Destinations

[Show Activity Fields](#)

## 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.