# Secureworks CTP Functions for IBM Resilient

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### **Release Notes**

#### v1.0.0

Initial Release

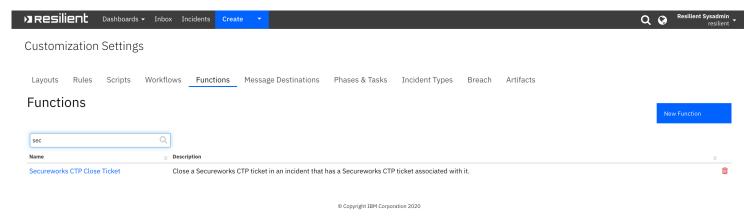
#### Overview

The Secureworks Counter Threat Platform (CTP) uses the global visibility gained from gathering and analyzing data from clients all over the world to more accurately identify, contain and eradicate cybersecurity threats. By combining up-to-the-minute threat intelligence with the CTP's machine learning and analytics capabilities, organizations can make faster, more informed decisions about how to predict, prevent, detect, and respond to threat activity.

CTP is used with the Secureworks SOC team when they find a security issue that needs to be communicated to the customer. The issues can be informational, research-based or require proscriptive actions by the customer. Secureworks CTP provides a "ticket-like" interface that allows you acknowledge, add files and notes, and provide ability to close tickets.

The Secureworks CTP integration implements the following functionality in Resilient:

- · Poll Secureworks CTP for tickets and create a corresponding incident in the Resilient platform for each ticket.
- · Get Secureworks CTP ticket workLogs and attachments and add them as notes and attachments in the corresponding Resilient incident.
- · Close a Secureworks CTP ticket when the corresponding Resilient incident is closed.
- · Close a Resilient incident when the corresponding Secureworks CTP ticket is closed in Secureworks.



# Requirements

- Resilient platform >= v35.0.5445
- An Integration Server running resilient\_circuits>=30.0.0

- o To set up an Integration Server see: ibm.biz/res-int-server-guide
- o If using API Keys, minimum required permissions are:

Incidents: Read, CreateEdit Incidents: Fields, Notes

Org Data: Read, EditFunctions: Read

## Installation

## **App Host**

All the components for running this integration in a container already exist when using the App Host app.

To install,

- Navigate to Administrative Settings and then the Apps tab.
- Click the Install button and select the downloaded file: app-fn\_secureworks\_ctp-x.x.x.zip.
- Go to the Configuration tab and edit the app.config file, editing the username and password for Secureworks CTP and making any additional setting changes.

Config	Required	Example		
base_url	Yes	https://api.secureworks.com/api/ticket/v3		
username	Yes	user@example.com		
password	Yes	~		
query_ticket_grouping_types	Yes	INCIDENT: SECURITY		
query_limit	Yes	10		
polling_interval	Yes	600		
close_codes	No	Authorized Activity,Confirmed Security Incident,Duplicate,Incident Misidentified,Incon		

Config	Required	Example
template_file_escalate	No	
template_file_close	No	
template_file_update	No	
cafile	No	"

## **Integration Server**

- Download the fn\_secureworks\_ctp.zip.
- Copy the .zip to your Integration Server and SSH into it.
- Unzip the package:
- Change Directory into the unzipped directory:
- Install the package:
  - \$ pip install fn\_secureworks\_ctp-x.x.x.tar.gz
- Import the configurations into your app.config file:
  - \$ resilient-circuits config -u -l fn-secureworks-ctp
- Import the fn\_secureworks\_ctp  ${\bf customizations}$  into the Resilient platform:
- Open the config file, scroll to the bottom and edit your fn\_secureworks\_ctp configurations:
  - \$ vi ~/.resilient/app.config

Config	Required	Example	
base_url	Yes	https://api.secureworks.com/api/ticket/v3	
username	Yes	user@example.com	
password	Yes		

Config	Required	Example		
query_ticket_grouping_types	Yes	INCIDENT: SECURITY		
query_limit	Yes	10		
polling_interval	Yes	600		
close_codes	No	Authorized Activity,Confirmed Security Incident,Duplicate,Incident Misidentified,Inconc		
template_file_escalate	No	"		
template_file_close	No	"		
template_file_update	No			
cafile	No	N .		

- Save and Close the app.config file.
- [Optional]: Run selftest to test the Integration you configured:
  - \$ resilient-circuits selftest -l fn-secureworks-ctp
- Run resilient-circuits or restart the Service on Windows/Linux:
  - \$ resilient-circuits run

#### Uninstall

- · SSH into your Integration Server.
- Uninstall the package:
  - \$ pip uninstall fn-secureworks-ctp
- Open the config file, scroll to the [fn\_secureworks\_ctp] section and remove the section or prefix # to comment out the section.
- · Save and Close the app.config file.

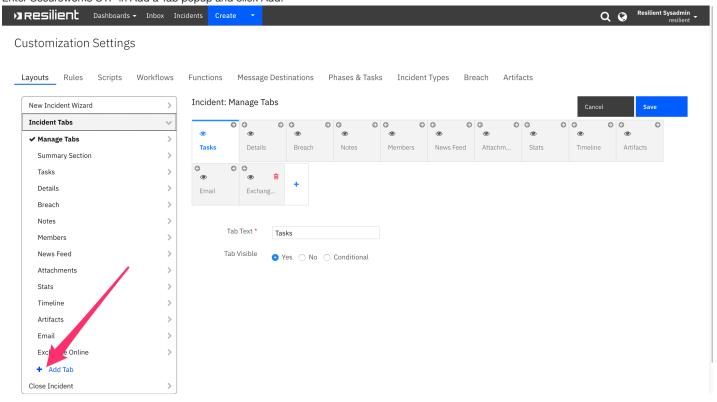
#### **Custom Layouts**

Customize Secureworks CTP and Close Incident Layouts to provide Secureworks specific information in the Resilient UI.

#### **Secureworks CTP Layout Tab**

Create a Secureworks CTP custom incident tab so that you can view Secureworks CTP ticket information in one place.

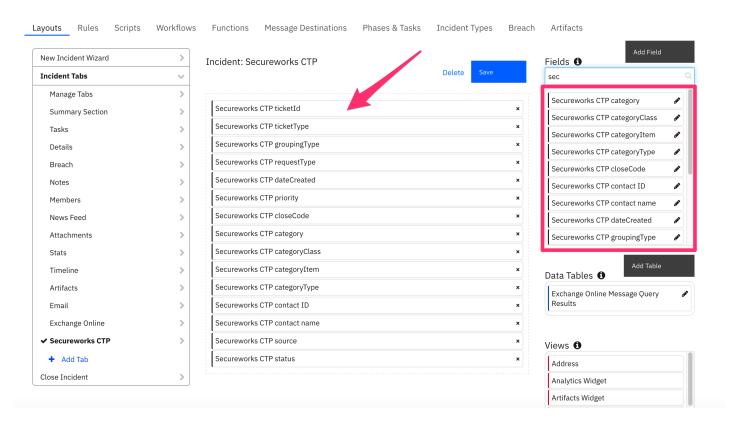
- Go to the Customizations Settings -> Layouts tab.
- · Click the Incident Tabs menu item on the left.
- · Click the Add Tab button.
- Enter Secureworks CTP in Add a Tab popup and click Add.



- · Next, search for the Secureworks CTP (scwx) custom incident fields in the Fields search bar.
- Drag Secureworks custom incidents fields on to the layout in the center of the screeen.
- Click Save.



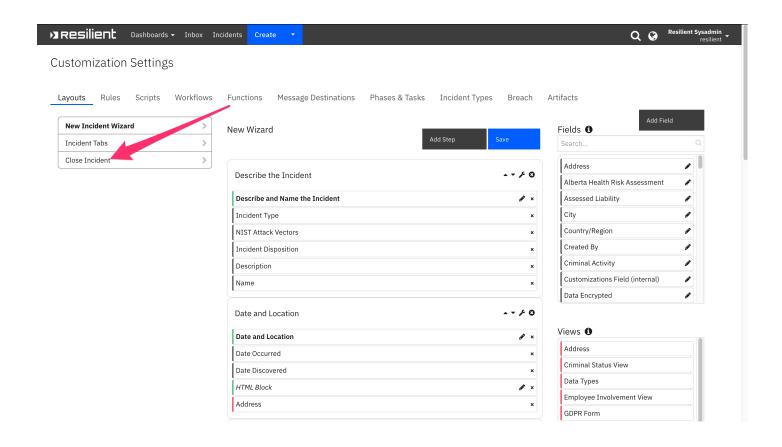
#### **Customization Settings**



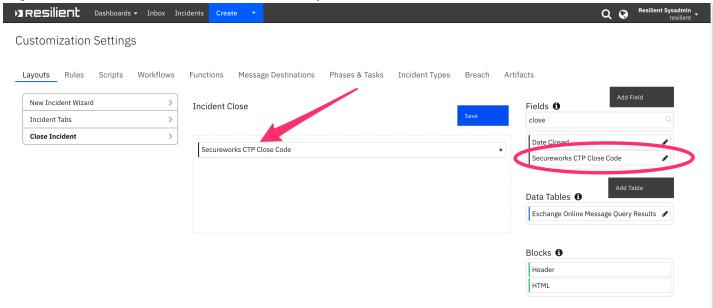
#### **Close Incident Layout Tab**

Modify the Close Incident tab so the the Secureworks close code can be selected from the Close Incident popup from Resilient.

- Go to the Customizations Settings -> Layouts tab.
- · Click the Close Incident menu item on the left as shown in the screenshot below.



- · Next, search for the Secureworks CTP Close Code custom incident fields in the Fields search bar.
- Drag the Secureworks CTP Close Code onto the Close Incident layout tab.



# **Troubleshooting**

There are several ways to verify the successful operation of a function.

#### **Resilient Action Status**

- When viewing an incident, use the Actions menu to view Action Status.
- By default, pending and errors are displayed.

- · Modify the filter for actions to also show Completed actions.
- · Clicking on an action displays additional information on the progress made or what error occurred.

### **Resilient Scripting Log**

- A separate log file is available to review scripting errors.
- This is useful when issues occur in the pre-processing or post-processing scripts.

### **Resilient Logs**

- $\bullet~$  By default, Resilient logs are retained at  $\slash\text{usr/share/co3/logs}$  .
- The client.log may contain additional information regarding the execution of functions.

#### **Resilient-Circuits**

- The log is controlled in the .resilient/app.config file under the section [resilient] and the property logdir.
- The default file name is app.log.
- Each function will create progress information.
- · Failures will show up as errors and may contain python trace statements.

## **Support**

Name	Version	Author	Support URL
fn_secureworks_ctp	1.0.0	Resilient Labs	https://ibm.biz/resilientcommunity