

# Cisco WebEx Functions for IBM Security SOAR

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## Release Notes

Version	Date	Notes
1.1.0	2/2021	App Host Support
1.0.0	8/2018	Initial Release

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## Overview

**Resilient Circuits Components for 'fn\_create\_webex\_meeting'**

**resilient** Dashboards ▾ Inbox Incidents **Create** ▾ Resilient Sysadmin resilient ▾

## Customization Settings

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

[Workflows](#) / Example: Create WebEx Meeting: Incident

Name \* Example: Create WebEx Meeting: Incident

API Name \* example\_create\_webex\_meeting

Description An example workflow that creates a Cisco WebEx meeting based on incident properties. The Webex meeting URLs are written to an incident note.

Object Type \* Incident

Creator Resilient Sysadmin

Last Modified 02/04/2021 16:16

Last Modified By Resilient Sysadmin

Associated Rules Example: Create WebEx Meeting: Incident

Cancel Save & Close Save

```

graph LR
    Start((Start your workflow here)) --> Function[Create WebEx Meeting]
    Function --> End(( ))
    Inputs[Inputs: webex_meeting_name, webex_meeting_agenda, and webex_meeting_password] -.-> Function
    Function -.-> Outputs[Outputs: host_url and attendee_url written to incident note]
  
```

## Key Features

- This package provides a function that creates Cisco WebEx meeting host URL and attendee URL given the following parameters: meeting start and end time, meeting name and agenda and a WebEx password.
- An example workflow is included that writes the host URL and attendee URL to an incident note as live links to access the meeting.
- An example rule is included that activates an menu popup that prompts the user for a meeting start and end time and an optional meeting agenda and password.

## Requirements

This app supports the IBM Resilient SOAR Platform and the IBM Cloud Pak for Security.

### Resilient platform

The Resilient platform supports two app deployment mechanisms, App Host and integration server.

If deploying to a Resilient platform with an App Host, the requirements are:

- Resilient platform  $\geq$  36.0.5634.
- The app is in a container-based format (available from the AppExchange as a zip file).

If deploying to a Resilient platform with an integration server, the requirements are:

- Resilient platform  $\geq$  36.0.5634.
- The app is in the older integration format (available from the AppExchange as a zip file which contains a tar.gz file).
- Integration server is running resilient\_circuits $\geq$ 30.0.0.

- If using an API key account, make sure the account provides the following minimum permissions:

Name	Permissions
Org Data	Read
Function	Read

The following Resilient platform guides provide additional information:

- *App Host Deployment Guide*: provides installation, configuration, and troubleshooting information, including proxy server settings.
- *Integration Server Guide*: provides installation, configuration, and troubleshooting information, including proxy server settings.
- *System Administrator Guide*: provides the procedure to install, configure and deploy apps.

The above guides are available on the IBM Knowledge Center at [ibm.biz/resilient-docs](https://ibm.biz/resilient-docs). On this web page, select your Resilient platform version. On the follow-on page, you can find the *App Host Deployment Guide* or *Integration Server Guide* by expanding **Resilient Apps** in the Table of Contents pane. The System Administrator Guide is available by expanding **System Administrator**.

## Cloud Pak for Security

If you are deploying to IBM Cloud Pak for Security, the requirements are:

- IBM Cloud Pak for Security  $\geq 1.4$ .
- Cloud Pak is configured with an App Host.
- The app is in a container-based format (available from the AppExchange as a [zip](#) file).

The following Cloud Pak guides provide additional information:

- *App Host Deployment Guide*: provides installation, configuration, and troubleshooting information, including proxy server settings. From the Table of Contents, select Case Management and Orchestration & Automation > **Orchestration and Automation Apps**.
- *System Administrator Guide*: provides information to install, configure, and deploy apps. From the IBM Cloud Pak for Security Knowledge Center table of contents, select Case Management and Orchestration & Automation > **System administrator**.

These guides are available on the IBM Knowledge Center at [ibm.biz/cp4s-docs](https://ibm.biz/cp4s-docs). From this web page, select your IBM Cloud Pak for Security version. From the version-specific Knowledge Center page, select Case Management and Orchestration & Automation.

## Proxy Server

The app does support a proxy server.

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## Installation

### Install

- To install or uninstall an App or Integration on the *Resilient platform*, see the documentation at [ibm.biz/resilient-docs](https://ibm.biz/resilient-docs).
- To install or uninstall an App on *IBM Cloud Pak for Security*, see the documentation at [ibm.biz/cp4s-docs](https://ibm.biz/cp4s-docs) and follow the instructions above to navigate to Orchestration and Automation.

## App Configuration

The following table provides the settings you need to configure the app. These settings are made in the app.config file. See the documentation discussed in the Requirements section for the procedure.

Config	Required	Example	Description
<b>webex_email</b>	Yes	<code>user@example.com</code>	Email address associated with WebEx account.
<b>webex_password</b>	Yes	<code>*****</code>	WebEx account password.
<b>webex_site</b>	Yes	<code>meet8</code>	WebEx Hostedname.
<b>webex_site_url</b>	Yes	<code>meet8.webex.com</code>	WebEx URL.
<b>webex_timezone</b>	Yes	<code>GMT-05:00</code>	Timezone in which meeting is created.

## Function - Create WebEx Meeting

Creates a webex meeting and returns the host URL and the attendee URL for meeting access.

The screenshot shows the Resilient platform interface. At the top, there's a navigation bar with 'Resilient' logo and tabs for Dashboards, Inbox, Incidents, and Create. Below this is a 'Customization Settings' section with a breadcrumb trail: Functions / fn\_create\_webex\_meeting. The main area displays the configuration for the 'fn\_create\_webex\_meeting' function. It includes fields for Name (Create WebEx Meeting), API Name (fn\_create\_webex\_meeting), Message Destination (fn\_create\_webex\_meeting), and Description (Creates a webex meeting and returns the Host URL and Attendee URL.). There are also input fields for webex\_meeting\_name, webex\_meeting\_agenda, webex\_meeting\_password, webex\_meeting\_start\_time, and webex\_meeting\_end\_time. On the right, there's a section for 'Input Fields' with a search bar and a list of fields: webex\_meeting\_agenda, webex\_meeting\_end\_time, webex\_meeting\_name, webex\_meeting\_password, and webex\_meeting\_start\_time. At the bottom right, there are buttons for Cancel, Save & Close, and Save.

### ► Inputs:

Name	Type	Required	Example	Tooltip
<code>webex_meeting_agenda</code>	<code>text</code>	No	—	Meeting agenda
<code>webex_meeting_end_time</code>	<code>datetimepicker</code>	Yes	—	—
<code>webex_meeting_name</code>	<code>text</code>	No	—	Meeting name
<code>webex_meeting_password</code>	<code>text</code>	No	—	Meeting password

Name	Type	Required	Example	Tooltip
webex_meeting_start_time	datetimepicker	Yes	-	-

► Outputs:

```

results = {
  "version":"1.0",
  "success":true,
  "reason":"None",
  "content":{
    "status":"SUCCESS",
    "host_url":"https://meet8.webex.com/meet8/j.php?
MTID=m84f604b5194e7f10e384fe4043aafd",
    "attendee_url":"https://meet8.webex.com/meet8/j.php?
MTID=meb86e2013c2d82c3c9dea7b8b27253"
  },
  "raw":{"\status\: \"SUCCESS\", \"host_url\:
\"https://meet8.webex.com/meet8/j.php?
MTID=m84f604b5194e7f10e384fe4043aafd\", \"attendee_url\:
\"https://meet8.webex.com/meet8/j.php?
MTID=meb86e2013c2d82c3c9dea7b8b27253\"}"},
  "inputs":{
    "webex_meeting_name":"My Incident",
    "webex_meeting_password":"abcxyzABC!!!",
    "webex_meeting_start_time":1613797200000,
    "webex_meeting_agenda":"",
    "webex_meeting_end_time":1613797620000
  },
  "metrics":{
    "version":"1.0",
    "package":"fn-create-webex-meeting",
    "package_version":"1.1.0",
    "host":"MacBook-Pro.local",
    "execution_time_ms":8725,
    "timestamp":"2021-02-05 10:11:36"
  }
}

```

► Example Pre-Process Script:

```

# To set meeting name to the workflow inputs, uncomment the following
lines
inputs.webex_meeting_name = incident.name

inputs.webex_meeting_start_time = inputs.webex_meeting_start_time if
rule.properties.webex_meeting_start_time is None else
rule.properties.webex_meeting_start_time
inputs.webex_meeting_end_time = inputs.webex_meeting_end_time if
rule.properties.webex_meeting_end_time is None else

```

```

rule.properties.webex_meeting_end_time

# Get the agenda from the activity field or the incident description
if rule.properties.webex_meeting_agenda is None:
    if incident.description is not None and incident.description.content is
not None:
        inputs.webex_meeting_agenda = incident.description.content
    else:
        inputs.webex_meeting_agenda = ""
else:
    inputs.webex_meeting_agenda = rule.properties.webex_meeting_agenda

inputs.webex_meeting_password = inputs.webex_meeting_password if
rule.properties.webex_meeting_password is None else
rule.properties.webex_meeting_password

```

► Example Post-Process Script:

```

content = results.get("content")

if not results.success:
    text = u"Unable to create Cisco WebEx Meeting"

    fail_reason = content.get("fail_reason")
    if fail_reason:
        text = u"{0}:\n\tFailure reason: {1}".format(text, fail_reason)
    else:

        host_url = content.get("host_url")
        attendee_url = content.get("attendee_url")

        if host_url is None:
            host_url = ""

        if attendee_url is None:
            attendee_url = ""

        ref_html_host = u""""<a href='{0}'>Link</a>"""".format(host_url)
        ref_html_attendee = u""""<a href='{0}'>Link</a>"""".format(attendee_url)

        text = u"<b>Cisco WebEx Meeting Links:</b><br />Host URL: {0}<br
/>Attendee URL: {1}".format(ref_html_host, ref_html_attendee)

note = helper.createRichText(text)
incident.addNote(note)

```

---

## Rules

Rule Name	Object	Workflow Triggered
Example: Create WebEx Meeting: Incident	incident	example_create_webex_meeting

The example incident rule activates the following activity popup menu to allow the user to enter the WebEx meeting information:

Example: Create WebEx Meeting: Incident

WebEx Meeting Start Time

MM/DD/YYYY HH:mm:ss Z

WebEx Meeting End Time

MM/DD/YYYY HH:mm:ss Z

WebEx Meeting Agenda

WebEx Meeting Password

Cancel

Execute

Troubleshooting & Support

Refer to the documentation listed in the Requirements section for troubleshooting information.

For Support

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