

User Guide: fn_outbound_email

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Release Notes

Version	Date	Notes
v1.1.1	2/2021	Bug fixes associated with sending attachments
v1.1.0	10/2020	Bug fixes and send all or specific attachments
v1.0.9	5/2020	App Host compatibility
v1.0.8	4/2020	Initial Release after internal development by Professional Services, no prior release notes

Key Features

- Send a plain text or HTML-formatted email by triggering a Resilient action
 - Add incident data to the email body as well as incident attachments to the outgoing email
 - TLS cert login on port 589, which is possible by permitting less secure apps by your email provider or giving this application a specific login (recommended)
-

Function - Send Email

► Inputs:

Name	Type	Required	Example	Tooltip
mail_bcc	text	No	changeme@email.com	edit in script or app.config (precedence on smtp_user)
mail_body_html	text	No	<html>	template in script
mail_body_text	text	No	plain_text	template in script
mail_cc	text	No	changeme@email.com	user input

Name	Type	Required	Example	Tooltip
mail_from	text	No	changeme@email.com	edit in script or app.config (precedence on smtp_user)
mail_incident_id	number	No	2085	Taken from incident
mail_subject	text	No	[incident type id]	Taken from incident
mail_to	text	Yes	changeme@email.com	user_input
mail_attachments	text	No	myattach1.txt, myattachment2.csv	comma separated attachment list or '*' for all

► Outputs:

► Example Pre-Process Script:

```
inputs.mail_to = rule.properties.mail_to
inputs.mail_cc = rule.properties.mail_cc
inputs.mail_incident_id = incident.id
inputs.mail_from = "changeme@resilientsystems.com"
inputs.mail_subject = "[{0}] {1}".format(incident.id, incident.name)

inputs.mail_body_html = ""
{% set NOT_FOUND = ["Not Found!", "-", "None", None] %}
{% macro get_row(label, field_name) -%}
    {% set value = template_helper.get_incident_value(incident, field_name) %}
{%
    {% set style = "font-family: Calibri; color: rgb(31,73,125)" %}
    {% if value and value not in NOT_FOUND and not value.startswith('-') %}
{%
    <tr>
        <td width="100" style="{{style}}; font-weight:bold">{{ label }}
</td>
        <td style="{{style}}">{{ value | striptags }}</td>
    </tr>
    {% endif %}
{%- endmacro %}
<table width="100%" >
<tr>
    <td colspan="2">
        <h3 style="color: rgb(68,114,196)">INCIDENT DETAILS</h3>
        <hr size="1" width="100%" noshade style="color:#FFDF57"
align="center"/>
    </td>
</tr>
    {{ get_row('Severity:', 'severity_code') }}
    {{ get_row('Status:', 'status') }}<br>
    {{ get_row('Created:', 'create_date') }}<br>
    {{ get_row('Category:', 'incident_type_ids') }}
<tr>
    <td colspan="2">
```

► Example Post-Process Script:

```
results = {
  """2020-03-29 13:23:23,135 DEBUG [actions_component] Result: {'success':
True, 'message': 'Content-Type: multipart/mixed;
boundary="=====3279704273121734511=="\nMIME-Version: 1.0\nFrom:
changeme@resilientsystems.com\nTo: dummy@email.com\nCC: \nBCC: \nSubject:
[2095] aueo\n\n-----3279704273121734511==\nMIME-Version:
1.0\nContent-Type: text/html; charset="utf-8"\nContent-Transfer-Encoding:
base64\n\nCgoKPHRhYmxlIHdpZHRoPSIxMDAlIiA+Cjx0cj4KICAgIDx0ZCBjb2xzczGFuPSIy
Ij4KICAgICAg\nICA8aDMgc3R5bGU9ImNvbG9yOiByZ2IoNjgsMTE0LDE5NikiPk10Q00LERU5U
IERFVEFJTTFM8L2gz\nnPgogICAgICAgIDxociBzaXplPSIxIiB3aWR0aD0iMTAwJSIgbm9zaGFk
ZSBzdHlsZT0iY29sb3I6\nnI0ZGREY1NyIyYXNjaWwpc2Z49ImNlbnRlciIvPgogICAgPC90ZD4KPC90
cj4KICAgIAoJCiAgICAKICAg\nnIDx0cj4KICAgICAgICA8dGQgd2lkdGg9IjEwMCIgc3R5bGU9
ImZvbnQtZmFtaWw50iBDYWxpYnJp\nn0yBjb2xvcjogcmdiKDMxLDczLDEyNSk7IGZvbnQtZmFtaWw5
Z2h0MjVjbGQpIPLndmVyaXR5PC90ZD4K\nnICAgICAgICA8dGQgc3R5bGU9ImZvbnQtZmFtaWw5
0iBDYWxpYnJp0yBjb2xvcjogcmdiKDMxLDcz\nnLDEyNSkiPkxvdzZvZGQ+CiAgICAgICA8L3RyPgog
ICAgCiAgICAKCQogICAgCiAgICA8dHI+CiAgICAg\nnICAgPHRkIHdpZHRoPSIxMDAlIHN0eWxl
PSJmb250LWZhbWlseTogQ2FsaWJyaTsgY29sb3I6IHJn\nnYigzMSw3MywxMjUp0yBmb250LXdlaWdodDpib2xkIj5TdGF0dXM8L3RkPgogICAgICAgIDx0ZCBz\nndHlsZT0iZm9udC1mYW1pbHk6
IENhbGlicmk7IGNvbG9yOiByZ2IoMzEsNzMsMTI1KSI+QTWvdGQ+\nnCiAgICA8L3RyPgogICAg
CiAgICAKCQogICAgCiAgICA8dHI+CiAgICAgICAgPHRkIHdpZHRoPSIx\nnMDAlIHN0eWxlPSJmb250LWZhbWlseTogQ2FsaWJyaTsgY29sb3I6IHJnYigzMSw3MywxMjUp0yBm\nnb250LXdlaWdodDpib2xkIj5DcmVhdGVkPC90ZD4KICAgICAgICA8dGQgc3R5bGU9ImZvbnQtZmFt
\naWw50iBD

```

```
YWxpYnJp0yBjb2xvcjogcmdiKDMxLDczLDEyNSkiPjIwMTktMTEtMTRUMTQ6MTQ6NDE8\nL3RkPgogICAgPC90cj4KICAgIAogICAgCgkKICAgIAogICAgPHRyPgogICAgICAgIDx0ZCB3aWR0\naD0iMTAwIiBzdHlsZT0iZm9udC1mYW1pbHk6IENhbGlicmk7IGNvbG9y0iByZ2IoMzEsNzMsMTI1\nKTsgZm9udC13ZWlnaHQ6Ym9sZCI+Q2F0ZWdvcnk8L3RkPgogICAgICAgIDx0ZCBzdHlsZT0iZm9u\nndC1mYW1pbHk6IENhbGlicmk7IGNvbG9y0iByZ2IoMzEsNzMsMTI1KSI+Q29tbXVuaWNhdGlvbiBl\nncnJvciAoZmF4OyBlbWFPbCk8L3RkPgogICAgPC90cj4KICAgIAo8dHI+CiAgICAgA8dGQgY29sc3Bh\nnbj0iMiI+CiAgICAgICAgPGJyPjxoMyBzdHlsZT0iY29sb3I6IHJnYig20CwxMTQsMTk2KSI+SU5D\nSURFTlQgREVTQ1JJUFRJT048L2gzPgogICAgICAgIDxociBzaXplPSIxIiB3aWR0aD0iMTAwJSIg\nbnm9zaGFkZSBzdHlsZT0iY29sb3I6I0ZGREY1NyIgYWxpZ249ImNlbnRlciIvPgogICAgPC90ZD4K\nPC90cj4KPC90YWJsZT4KPGJyPg==\n\n--\n\n====3279704273121734511==--\n\n}'\n\n<Ack[*] ()>\n}\n\n}
```

Rules

Rule Name	Object	Workflow Triggered
Example: Send Incident Email HTML	incident	example_send_incident_email_html
Example: Send Incident Email Text	incident	example_send_incident_email_text

Support

[My Support link](#)