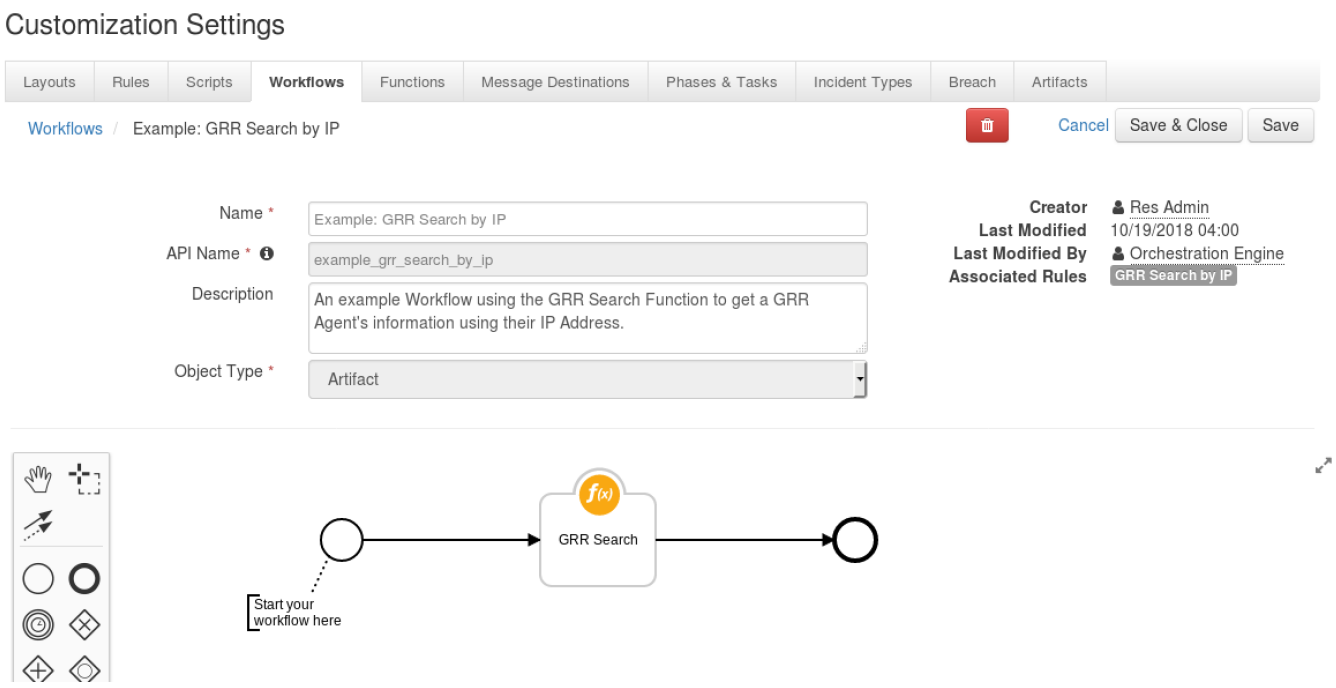
Resilient Integration with GRR

This package contains one function that allows you to search for your GRR Agents using IP, Host or User.



app.config Settings:

```
[fn_grr_search]
grr_server=127.0.0.1
grr_user=user
grr_pwd=password
#Can be True/False
verify_cert=False
```

Function Inputs:

Function Name	Type	Required	Example
grr_search_value	String	Yes	"127.0.0.1"
grr_search_type	Select	Yes	host/ip/user

Function Output:

```
results = {
    'grr_search_type': u'ip',
    'grr_search_value': u'127.0.0.1',
    'success': True
```

```
    'agents': [
        {
            u'age': u'1538997200410715',
            u'agentInfo': {
                u'buildTime': u'2018-06-28 09:10:40',
                u'clientDescription': u'grr linux amd64',
                u'clientName': u'grr',
                u'clientVersion': 3232
            },
            u'clientId': u'C.ddc30808cf5d06d3',
            u'firstSeenAt': u'1538497879090708',
            u'fleetspeakEnabled': False,
            u'hardwareInfo': {
                u'biosReleaseDate': u'05/19/2017',
                u'biosRevision': u'4.6',
                u'biosRomSize': u'64 kB',
                u'biosVendor': u'Phoenix Technologies LTD',
                u'biosVersion': u'6.00',
                u'serialNumber': u'VMware-56 4d f0 c8... 77 7e 65',
                u'systemFamily': u'Not Specified',
                u'systemManufacturer': u'VMware',
                u'systemProductName': u'VMware Virtual Platform',
                u'systemSkuNumber': u'Not Specified',
                u'systemUuid': u'xxxx'
            },
            u'interfaces': [{...}, {...}, {...}, {...}, {...}, {...},
{...}, {...}],
            u'knowledgeBase': {
                u'fqdn': u'localhost.localdomain',
                u'os': u'Linux',
                u'osMajorVersion': 7,
                u'osMinorVersion': 5,
                u'osRelease': u'RedHat'
            },
            u'lastBootedAt': u'1538996573000000',
            u'lastClock': u'1539009155388036',
            u'lastSeenAt': u'1539009155394278',
            u'memorySize': u'8653881344',
            u'osInfo': {
                u'fqdn': u'localhost.localdomain',
                u'kernel': u'3.10.0-862.14.4.el7.x86_64',
                u'machine': u'x86_64',
                u'release': u'RedHat',
                u'system': u'Linux',
                u'version': u'7.5'
            },
            u'urn': u'aff4:/C.ddc30808cf5d06d3',
            u'volumes':[
                {
                    u'actualAvailableAllocationUnits': u'21684382',
                    u'bytesPerSector': u'4096',
                    u'sectorsPerAllocationUnit': u'1',
                    u'totalAllocationUnits': u'24093702',
                    u'unixvolume': {u'mountPoint': u'/'}
```

```
                }
            ]
        }
    ]
}
```

Pre-Process Script:

This example sets the search value **to the value of the Incident's Artifact.**

```
# Set the grr_search_value
inputs.grr_search_value = artifact.value
```

Post-Process Script:

This example loops the found agents and **adds Notes to the Incident.**

```
if results.success:
  # Loop all found agents
  for agent in results["agents"]:

    note_text = """<i style="color:#00af08">GRR Agent Found:</i>
              <br><b>System Product Name:</b> {0}
              <br><b>System UUID:</b> {1}
              <br><b>System Manufacturer:</b> {2}
              <br><b>Release:</b> {3}
              <br><b>Machine:</b> {4}
              <br><b>Version:</b> {5}""".format(agent["hardwareInfo"]
["systemProductName"],
                                               agent["hardwareInfo"]
["systemUuid"],
                                               agent["hardwareInfo"]
["systemManufacturer"],
                                               agent["osInfo"]["release"],
                                               agent["osInfo"]["machine"],
                                               agent["osInfo"]["version"])
  incident.addNote(helper.createRichText(note_text))

else:
  note_text = "{0} system not found in
GRR".format(results.grr_search_value)
  incident.addNote(helper.createPlainText(note_text))
```

Rules

Rule Name	Object Type	Workflow Triggered	Conditions

Rule Name	Object Type	Workflow Triggered	Conditions
GRR Search by IP	`Artifact`	`Example: GRR Search by IP`	`Type` is equal to `IP Address`