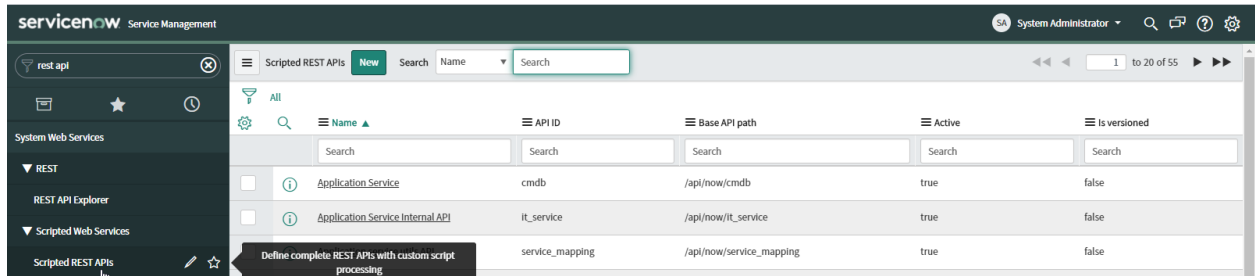


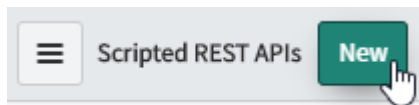
SETTING UP WEBHOOKS IN SERVICENOW

*Tested in ServiceNow version "Rome"

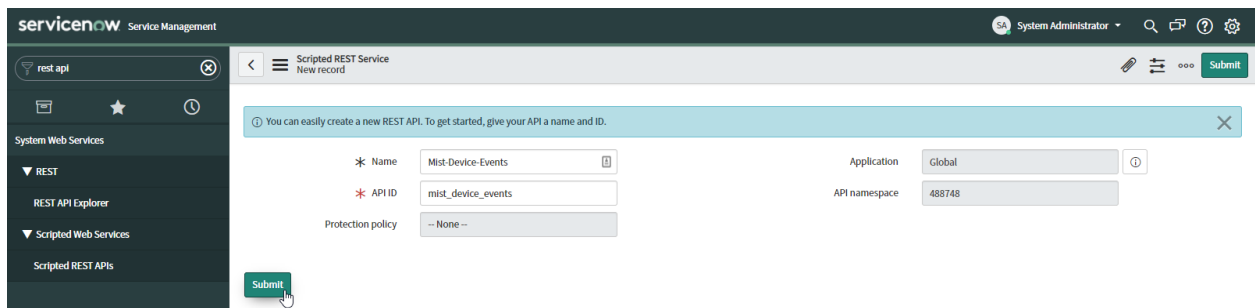
Navigate to System Web Services > Scripted Web Services > Scripted REST APIs



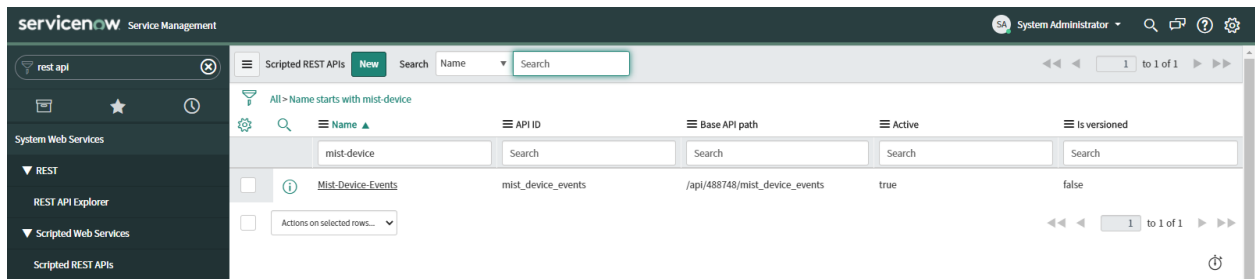
Create new Scripted REST API



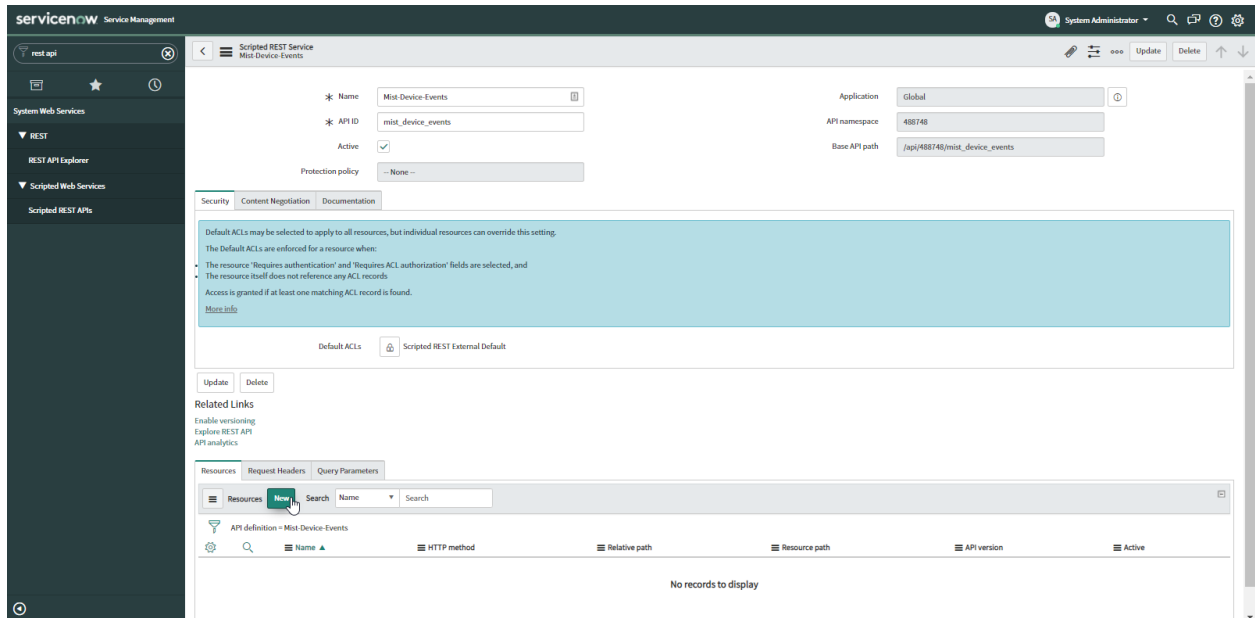
Name the new Scripted REST Service - Note API ID field automatically populates after the Name field un-focuses



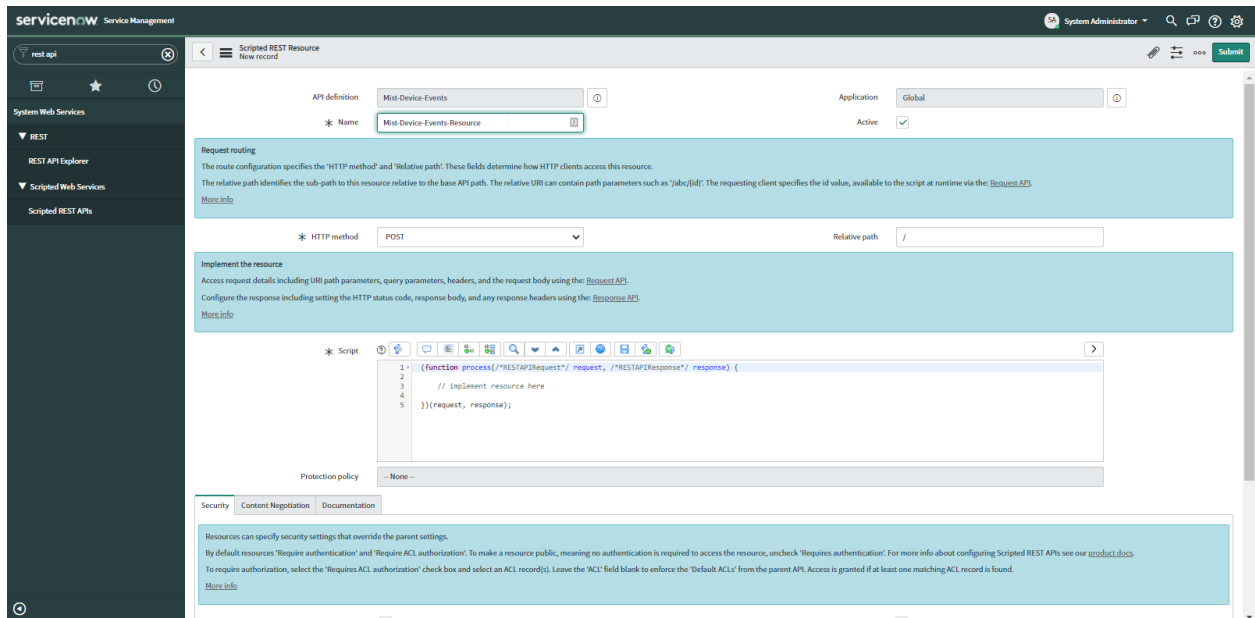
Find and click on the new Scripted REST Service



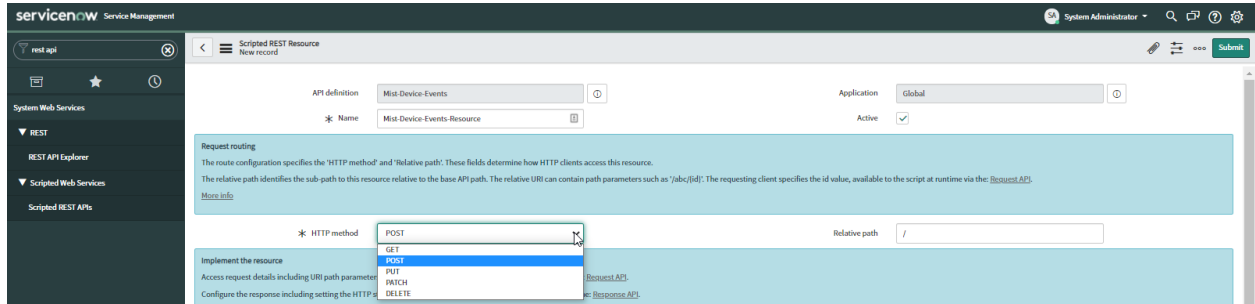
Scroll to the bottom set of tabs and click New under Resources tab



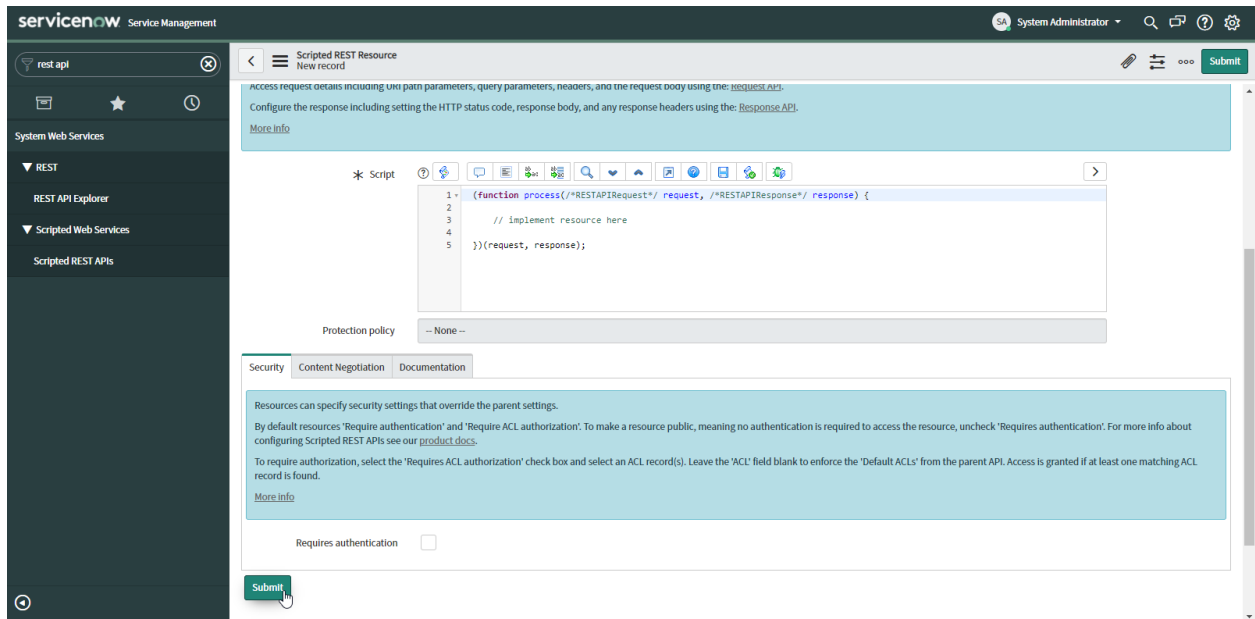
Name the new Resource Appropriately



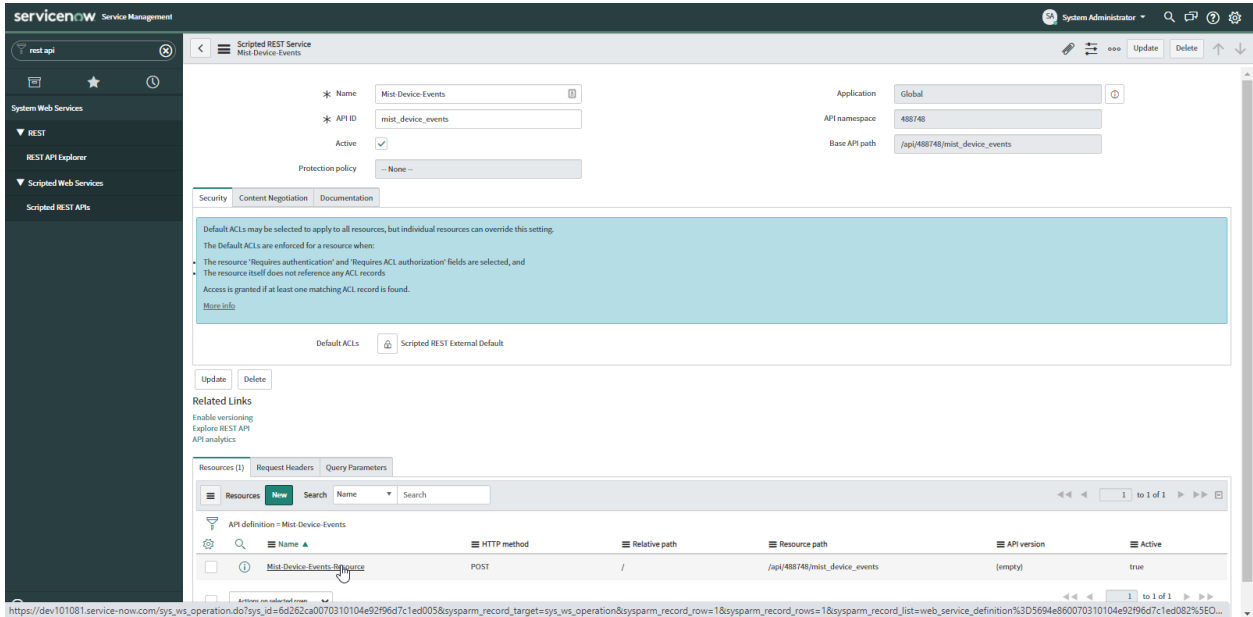
Set HTTP Method to POST



Uncheck "Requires authentication" and click Submit



Navigate back into the new Resource

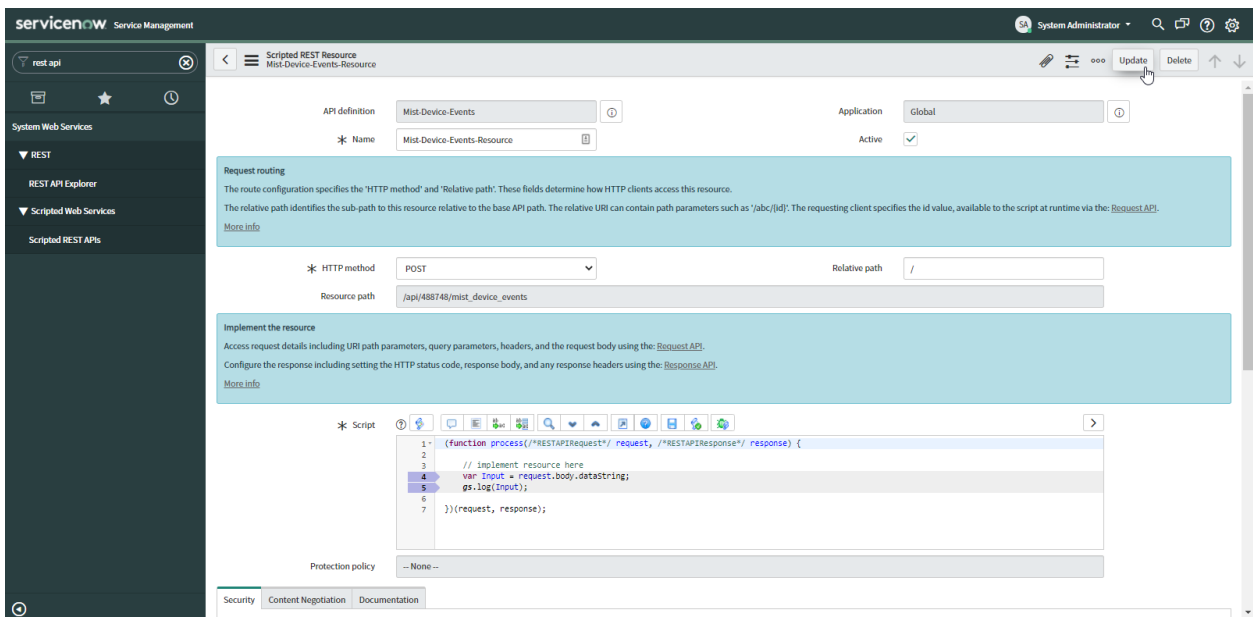


Make note of the Resource path. In the below example, the resource path is `"/api/488748/mist_device_events"`

Add the following Javascript to the Script section and click Update

```
var Input = request.body.dataString;
gs.log(Input);
```

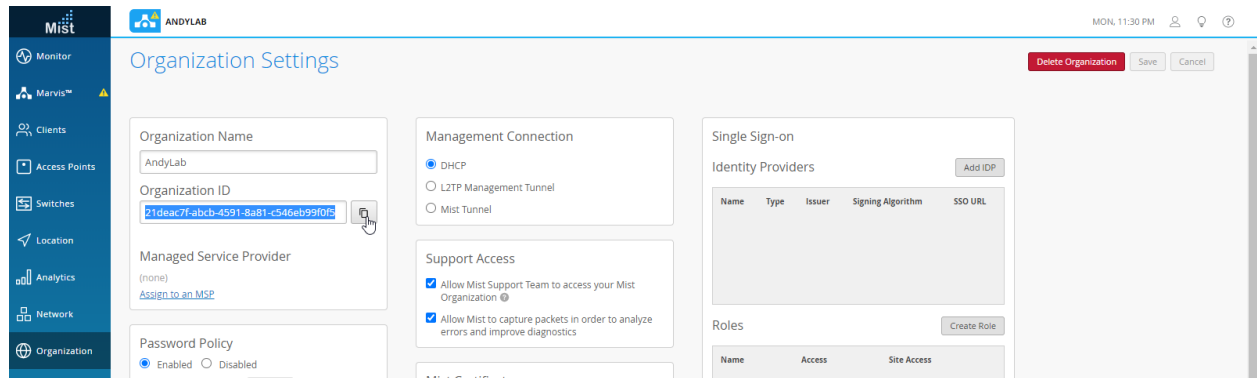
Note: This code defines variable "Input" with the contents of the webhook as a string and `gs.log()` sends it to ServiceNow's system logs.



This completes the initial setup for webhooks in ServiceNow. The Script section of the request resource is a great place to parse incoming data or create incidents based on the information coming into this resource.

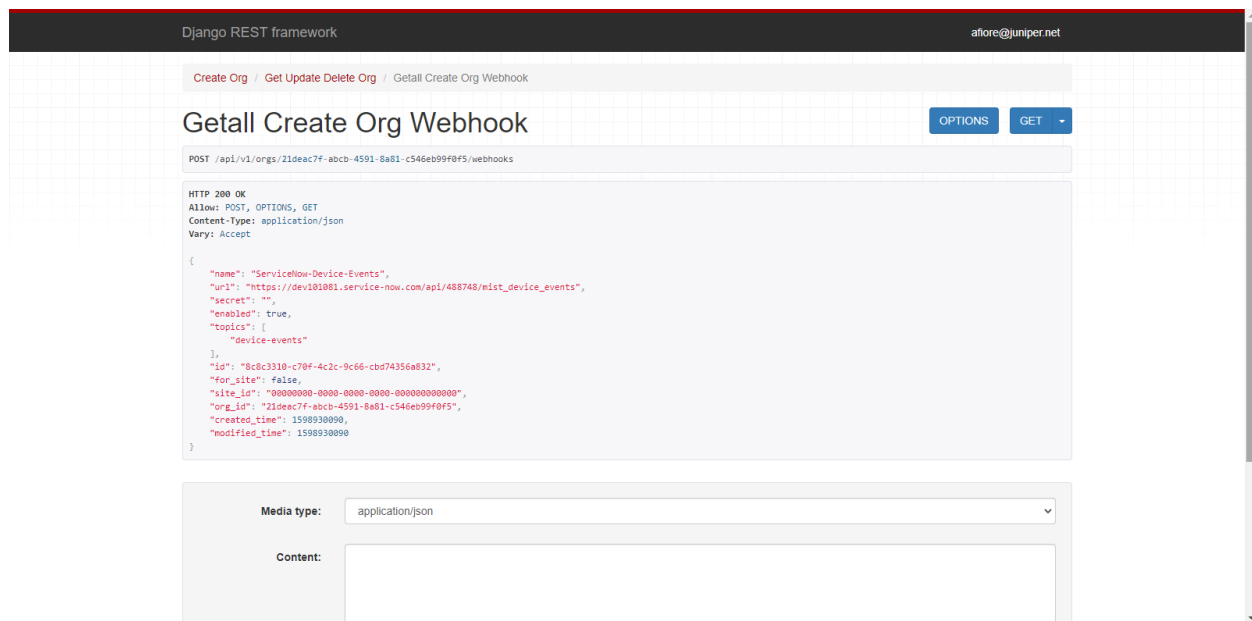
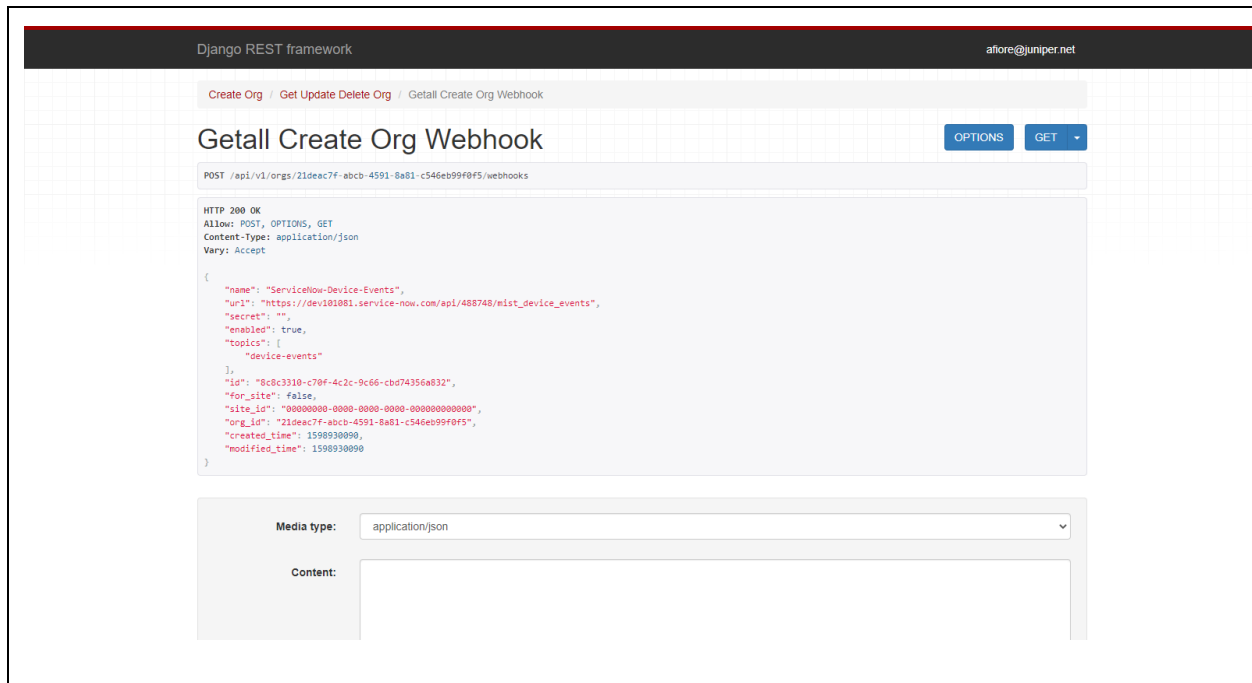
SETTING UP WEBHOOKS IN MIST

Navigate to https://api.mist.com/api/v1/orgs/:org_id/webhooks where “:org_id” = your Mist Organization ID. This can be found by navigating to Organization > Settings



Copy the below text into the Content section of the form and replace the section [URL-to-your-ServiceNow-Instance] to the actual location of your ServiceNow instance and add the resource path from ServiceNow press POST.

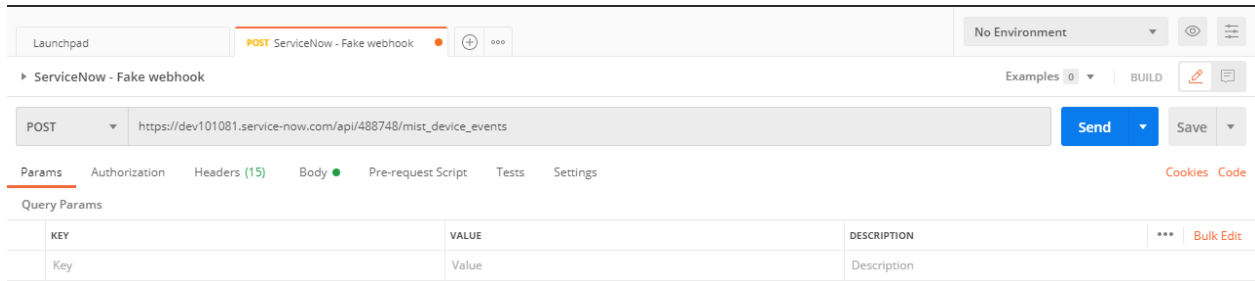
```
{
  "name": "SNOW Test",
  "url": "https://{{ service_now_instance_url }}/new_resource_path",
  "enabled": true,
  "verify_cert": true,
  "topics": [
    "device-events"
  ]
}
```



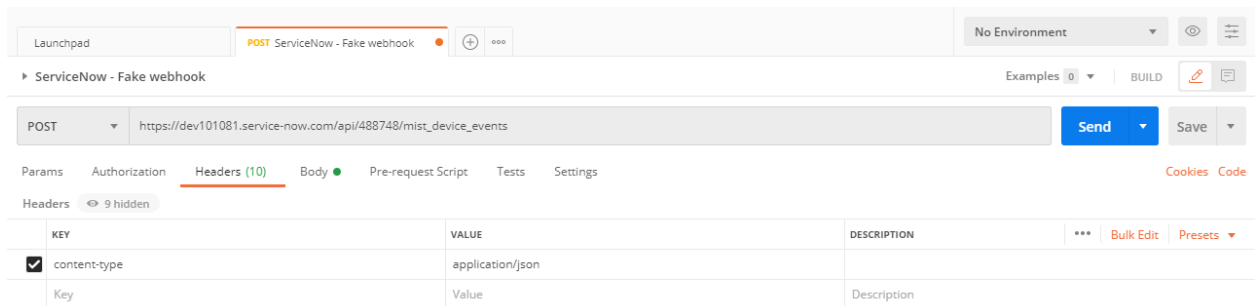
TESTING WITH POSTMAN

SENDING A FAKE WEBHOOK TO SERVICE NOW

Create a new request in Postman, select request type as POST and the URL the same as in the webhook you created in Mist.



Click Headers and create a new key named Content-Type and set the value to application/json



Click Body and select raw. Optionally set highlighting to JSON then copy/paste this information into the body of the request:

```
{
  "topic": "device-events",
  "events": [
    {
      "ap": "100000000001",
      "ap_name": "Access Point 1",
      "org_id": "12345678-1234-1234-1234-123456789abc",
      "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijkl",
      "site_name": "Test Site 1",
      "timestamp": 1597994894,
      "type": "AP_CONFIGURED"
    },
    {
      "ap": "200000000002",
      "ap_name": "Access Point 2",
      "org_id": "12345678-1234-1234-1234-123456789abc",
      "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijkl",
      "site_name": " Test Site 1",
      "timestamp": 1597994894,
      "type": "AP_CONFIGURED"
    }
  ]
}
```



```

    "ap": "300000000003",
    "ap_name": "Access Point 3",
    "org_id": "12345678-1234-1234-1234-123456789abc",
    "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijkl",
    "site_name": " Test Site 1",
    "timestamp": 1597994894,
    "type": "AP_CONFIGURED"
  },
  {
    "ap": "400000000004",
    "ap_name": "Access Point 4",
    "org_id": "12345678-1234-1234-1234-123456789abc",
    "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijkl",
    "site_name": " Test Site 1",
    "timestamp": 1597994894,
    "type": "AP_CONFIGURED"
  }
]
}

```

Launchpad POST ServiceNow - Fake webhook No Environment

ServiceNow - Fake webhook Examples 0 BUILD

POST https://dev101081.service-now.com/api/488748/mist_device_events Send Save

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies Code

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```

1 {
2   "events": [
3     {
4       "ap": "100000000001",
5       "ap_name": "Access Point 1",
6       "org_id": "12345678-1234-1234-1234-123456789abc",
7       "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijkl",
8       "site_name": "Test Site 1",
9       "timestamp": 1597994894,
10      "type": "AP_CONFIGURED"
11    },
12    {
13      "ap": "200000000002",
14      "ap_name": "Access Point 2",
15      "org_id": "12345678-1234-1234-1234-123456789abc",
16      "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijkl",
17      "site_name": " Test Site 1",
18      "timestamp": 1597994894,
19      "type": "AP_CONFIGURED"
20    }
21  ]
22 }

```

Click Send and review response

Launchpad POST ServiceNow - Fake webhook No Environment

ServiceNow - Fake webhook Examples 0 BUILD

POST https://dev101081.service-now.com/api/488748/mist_device_events Send Save

Params Authorization Headers (10) Body Pre-request Script Tests Settings Cookies Code

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "events": [
3     {
4       "ap": "10000000001",
5       "ap_name": "Access Point 1",
6       "org_id": "12345678-1234-1234-1234-123456789abc",
7       "site_id": "abcdefgh-abcd-abcd-abcd-abcdefghijk1",
8       "site_name": "Test Site 1",
9       "timestamp": 1597994894,
10      "type": "AP_CONFIGURED"
11    },
12  ],
13 }
```

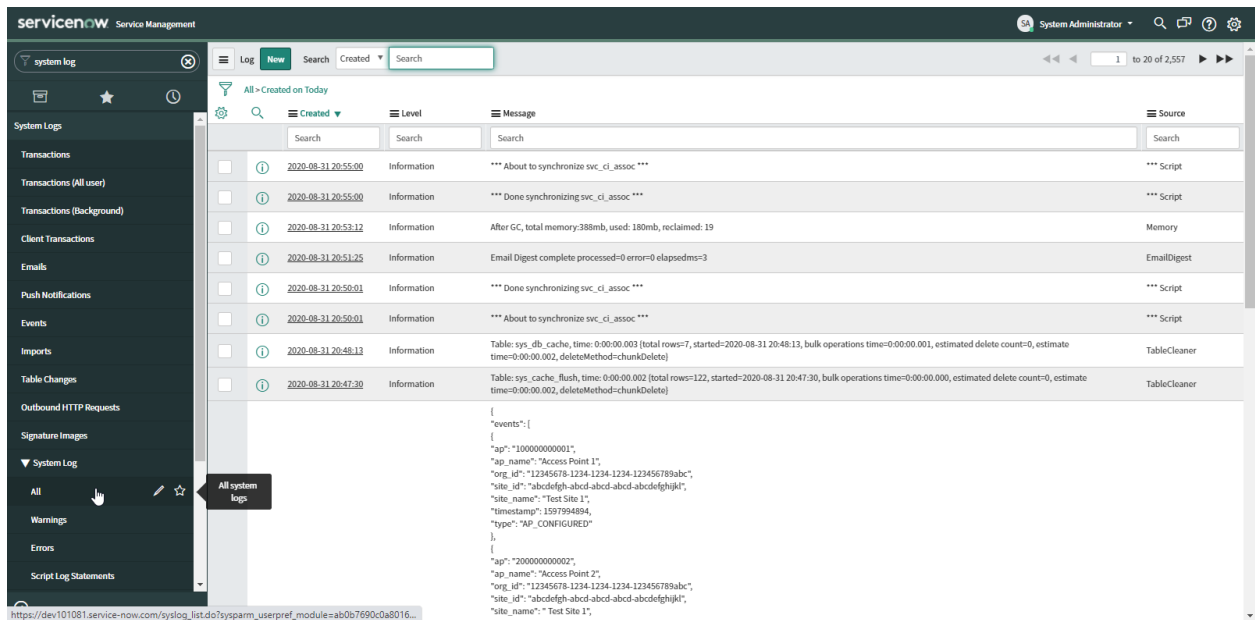
Body Cookies (3) Headers (13) Test Results Status: 200 OK Time: 264 ms Size: 884 B Save Response

Pretty Raw Preview Visualize Text

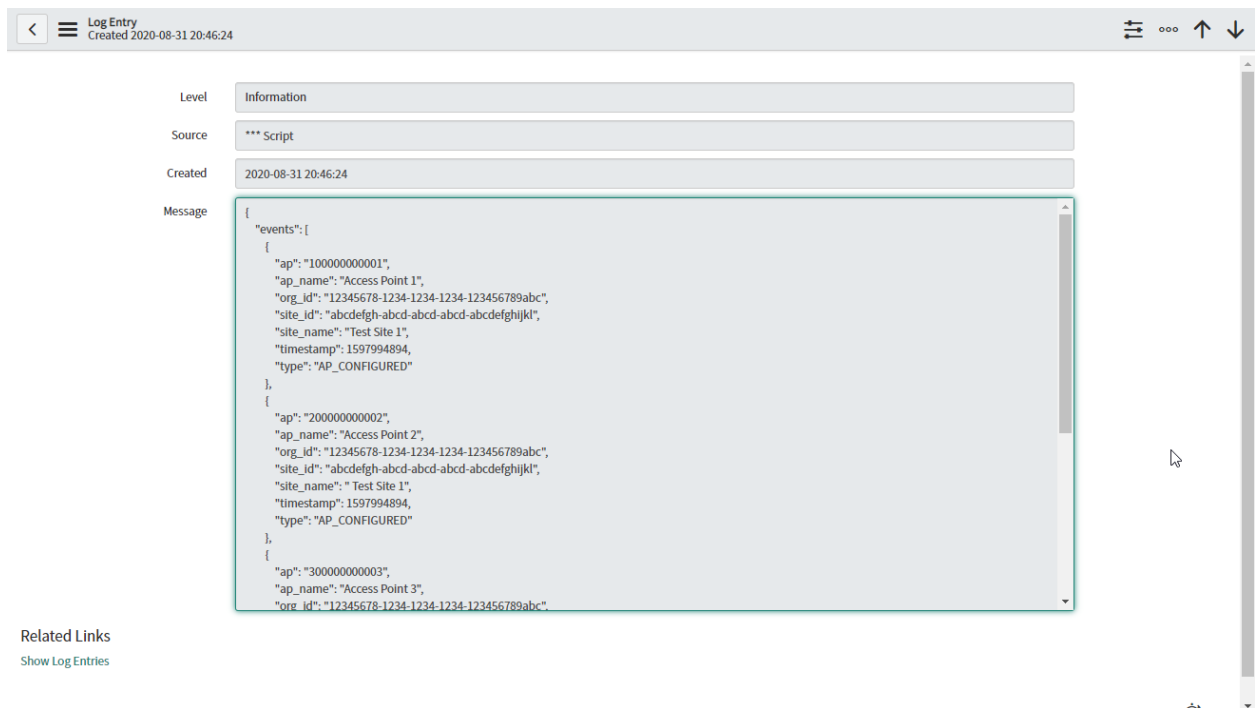
1

REVIEWING WEBHOOK INFO IN SERVICE NOW

Navigate to System Log > All



Payload of Postman request should be shown in the system log



ADDITIONAL RESOURCES

ServiceNow Developer Instance

<https://developer.servicenow.com/>

Mist Documentation

<https://api.mist.com/api/v1/docs/Org#org-webhooks>

Postman

<https://www.postman.com/>