

Test to check if webhooks are triggered on SaaS when using the 3scale API

What has been used to perform the test:

- 3scale account:
<https://onboardingtomatoes-admin.3scale.net>
- Ngrok was used to test the webhook on port 6031
- Samuele's fork from Daria's app that listens to the port 6031
[1] <https://github.com/samu91gn/express-echo>

Steps to reproduce:

1. Start the app "express-echo" [1] with node app.js command
2. Start ngrok on port 6031 where the app is listening
3. Put the ngrok URL in 3scale Admin portal > Account Settings > Webhooks > Webhook Endpoint, and then click Update the webhook settings
4. Use the 3scale API, application update from 3scale API docs.

Screenshots:

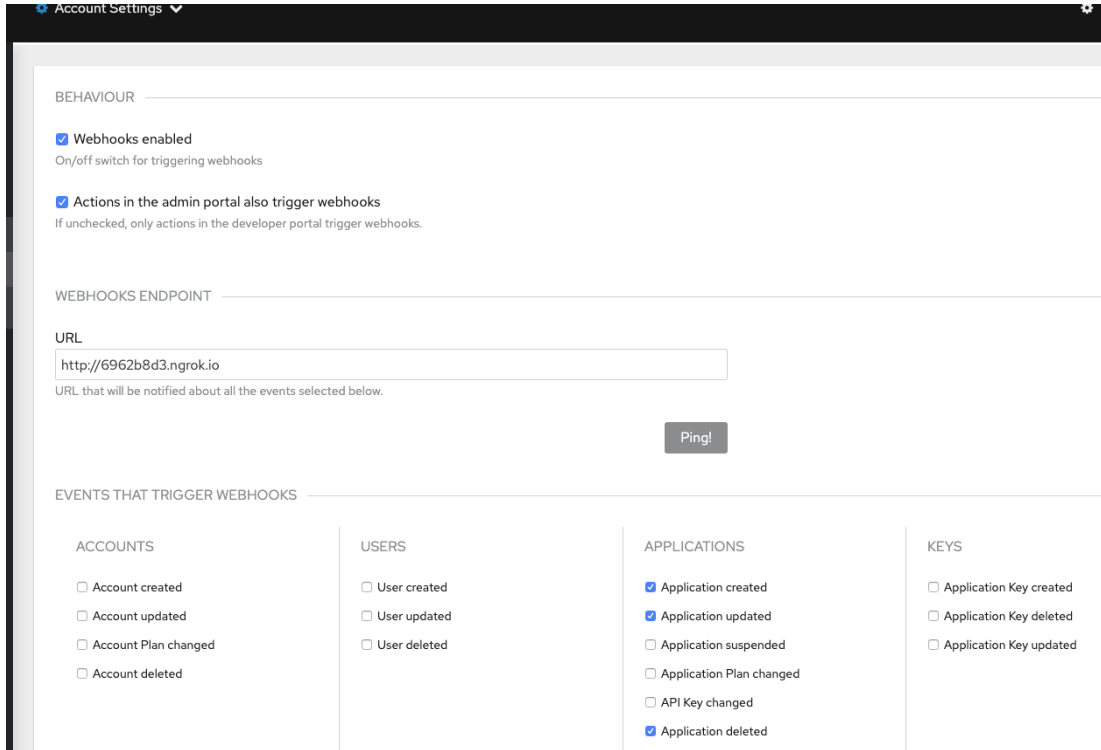
```
ngrok by @inconsreveable

Session Status      online
Session Expires    7 hours, 25 minutes
Update              update available (version 2.3.35, Ctrl-U to update)
Version             2.2.8
Region              United States (us)
Web Interface       http://127.0.0.1:4040
Forwarding          http://6962b8d3.ngrok.io -> localhost:60301
Forwarding          https://6962b8d3.ngrok.io -> localhost:60301

Connections         ttl    opn    rt1    rt5    p50    p90
                   2      0      0.00  0.00  90.66  181.09

HTTP Requests
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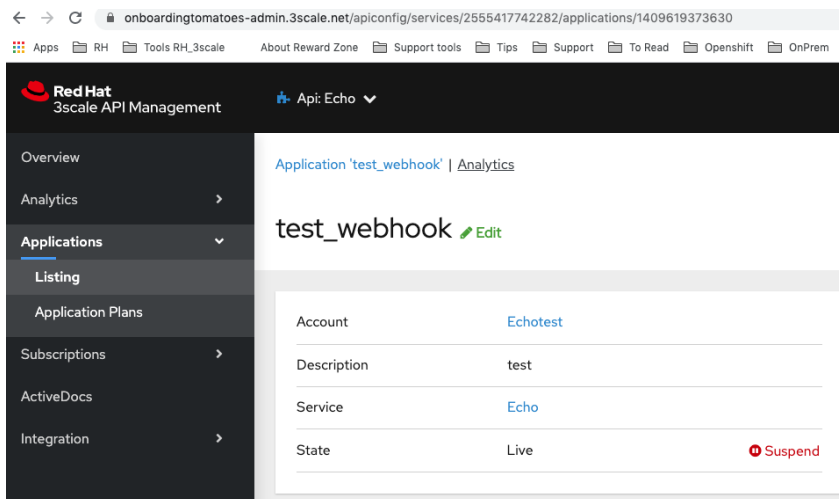
POST /              200 OK
GET /favicon.ico   404 Not Found
GET /              200 OK
```



When I use 3scale API application update:

Application:

<https://onboardingtomatoes-admin.3scale.net/apiconfig/services/2555417742282/applications/1409619373630>





Request:

```
curl -v -X PUT
```

```
"https://onboardingtomatoes-admin.3scale.net/admin/api/accounts/2445581936149/  
applications/1409619373630.xml" -d
```

```
'access_token=<access_token>&description=this+is+a+test'
```

 Account Settings 

access_token	<input type="text" value=""/>	A personal Access Token
account_id	<input type="text" value="2445581936149"/>	ID of the account.
id	<input type="text" value="1409619373630"/>	ID of the application.
name	<input type="text" value=""/>	Name of the application.
description	<input type="text" value="this is a test"/>	Description of the application.
redirect_url	<input type="text" value=""/>	Redirect URL for the OAuth request.
first_traffic_at	<input type="text" value=""/>	Timestamp of the first call made by the application.
first_daily_traffic_at	<input type="text" value=""/>	Timestamp of the first call on the last day when traffic was registered for the
additional_fields	<input type="text" value="name"/> <input type="text" value="value"/>	Additional fields have to be defined by name and value (i.e &name=value). You can see more details in the 'Fields Definitions' on your API Admin Portal. Typical examples are 'url', 'content-type', 'accept'.

[HIDE RESPONSE](#)

Request

```
curl -v -X PUT "https://onboardingtomatoes-admin.3scale.net/admin/api/accounts/2445581936149/applications/1409619373630.xml" -d 'access_token=<access_token>&description=this+is+a+test'
```

Webhook -ngrok dashboard in <http://127.0.0.1:4040>

You are using ngrok without an account. Your session will end in 7 hours, 17 minutes. [Sign up](#) for longer sessions.

All Requests

Clear

POST /	200 OK	61.82ms
POST /	200 OK	11.9ms
GET /favicon.ico	404 Not Found	21.86ms
GET /	200 OK	102.8ms

32 minutes ago

Duration 11.9ms

IP 18.204.6.8

POST /

Summary

Headers

Raw

Binary

Replay

```
POST / HTTP/1.1
Accept: */*
Accept-Encoding: gzip, deflate
User-Agent: rest-client/2.0.2 (linux-gnu x86_64) ruby/2.4.1p111
Content-Type: application/xml
Content-Length: 976
Host: 6962b8d3.ngrok.io
X-Forwarded-For: 18.204.6.8
```

```
<?xml version="1.0" encoding="UTF-8"><event><action>updated</action>
<type>application</type><object><application><id>1409619373630</id>
<created_at>2020-03-09T10:05:24Z</created_at><updated_at>2020-03-11T
09:00:56Z</updated_at><state>live</state><user_account_id>2445581936
149</user_account_id><first_traffic_at><first_daily_traffic_at><se
rvic
e_id>2555417742282</service_id><user_key>
/
user_key><provider_verification_key>ce33aa70c0e20d4a4aec6
4aueb49a7e7</provider_verification_key><plan custom="false" default
="false"><id>2357355894298</id><name>BasicEcho</name><type>applicati
on_plan</type><state>hidden</state><approval_required>true</approval
_required><setup_fee>0.0</setup_fee><cost_per_month>0.0</cost_per_mo
nth><trial_period_days><cancellation_period>0</cancellation_peri
od>
<service_id>2555417742282</service_id></plan><name>test_webhook</nam
e>
<description>test</description><extra_fields></extra_fields></appl
ication></object></event>
```

200 OK

Summary

Headers

Raw

Binary

```
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: application/json; charset=utf-8
Content-Length: 392
ETag: W/"188-h7N9vc07jUR/d8kKYxWoEetArs"
Date: Wed, 11 Mar 2020 09:00:56 GMT
Connection: keep-alive

{
  "method": "POST",
  "hostname": "6962b8d3.ngrok.io",
  "path": "/",
  "query": {},
  "headers": {
    "accept": "*/*",
    "accept-encoding": "gzip, deflate",
    "user-agent": "rest-client/2.0.2 (linux-gnu x86_64) ruby/2.4.1p1
11",
    "content-type": "application/xml",
    "content-length": "976",
    "host": "6962b8d3.ngrok.io",
    "x-forwarded-for": "18.204.6.8"
  },
  "body": {}
}
```

Response in echo-express app:

```
{ method: 'POST',  
  hostname: '6962b8d3.ngrok.io',  
  path: '/',  
  query: {},  
  headers:  
    { accept: '*/*',  
      'accept-encoding': 'gzip, deflate',  
      'user-agent': 'rest-client/2.0.2 (linux-gnu x86_64) ruby/2.4.1p111',  
      'content-type': 'application/xml',  
      'content-length': '986',  
      host: '6962b8d3.ngrok.io',  
      'x-forwarded-for': '23.20.6.155' },  
  body: {} }
```