

## Website Monitoring - Feature #1701

### Add ability to treat 400 codes as a non-failures

01/25/2017 08:17 PM - Luke Murphey

<b>Status:</b>	Closed	<b>Start date:</b>	01/25/2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Luke Murphey	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.2		
<b>Description</b>			
See <a href="https://answers.splunk.com/answers/488487/how-can-i-change-the-response-code-401-and-404-to.html">https://answers.splunk.com/answers/488487/how-can-i-change-the-response-code-401-and-404-to.html</a>			

#### Associated revisions

##### Revision 267 - 04/24/2017 07:17 PM - luke.murphey

Added rendering of configuration for what is considered a failure

Reference #1701

##### Revision 268 - 04/24/2017 07:21 PM - luke.murphey

Improving styling of edit link

Reference #1701

##### Revision 269 - 04/24/2017 07:29 PM - luke.murphey

Adding saving of the macros

Reference #1701

##### Revision 270 - 04/25/2017 08:25 AM - luke.murphey

Macro values now load correctly

Reference #1701

##### Revision 276 - 04/27/2017 07:44 AM - lukemurphey

Improving code for modifying failure definition

Reference #1701

#### History

##### #1 - 01/27/2017 08:42 AM - Luke Murphey

I might employ a KV store lookup that allows people to declare the 400 codes that they want to be considered failures.

Other options include:

- macro
- CSV lookup (could have a controller which produces the appropriate file); this wouldn't replicate without a specific call though

## #2 - 04/12/2017 06:58 AM - Luke Murphey

- Target version changed from 2.1 to 2.2

## #3 - 04/22/2017 07:31 AM - Luke Murphey

As part of this, I ought to make this an alert.

## #4 - 04/22/2017 07:34 AM - Luke Murphey

```
[Website Performance Problem]
action.email.useNSSubject = 1
alert.suppress = 0
alert.track = 1
counttype = number of events
cron_schedule = */1 * * * *
dispatch.earliest_time = -5m
dispatch.latest_time = 0
display.general.type = statistics
display.page.search.tab = statistics
enableSched = 1
quantity = 0
relation = greater than
request.ui_dispatch_app = website_monitoring
request.ui_dispatch_view = search
search = sourcetype="web_ping" (`response_codes_to_alert_on` OR timed_out=True OR total_time>`response_time_th
reshold`) | fillnull response_code value="Connection failed" | eval response_code=if(timed_out == "True", "Con
nection timed out", response_code) | stats count as count max(total_time) as max_total_time by title url respo
nse_code | eval max_total_time=round(max_total_time, 2)." ms"
```

## #5 - 04/22/2017 07:41 AM - Luke Murphey

Best UX would be:

- Have a link on the overview page to an alert editor
- The editor should allow users to specify:
  - which codes should be considered an error
  - what the threshold is for alerting
- Should link to the alerts page for editing ([http://127.0.0.1:8000/en-US/app/website\\_monitoring/alert?s=%2FservicesNS%2Fnobody%2Fwebsite\\_monitoring%2Fsaved%2Fsearches%2FWebsite%2520Performance%2520Problem](http://127.0.0.1:8000/en-US/app/website_monitoring/alert?s=%2FservicesNS%2Fnobody%2Fwebsite_monitoring%2Fsaved%2Fsearches%2FWebsite%2520Performance%2520Problem))

## #6 - 04/22/2017 07:42 AM - Luke Murphey

- Subject changed from Add ability to treat 400 codes as a non-failure to Add ability to treat 400 codes as a non-failures

#### #7 - 04/22/2017 07:44 AM - Luke Murphey

- Status changed from New to In Progress

#### #8 - 04/24/2017 06:39 AM - Luke Murphey

Some useful examples:

- <https://github.com/LukeMurphey/splunk-simplexml-setup-example/blob/df230c951d48b69d33686207b2eb601bbf7f8a53/src/appserver/static/js/views/SetupView.js>

#### #9 - 04/25/2017 07:26 AM - Luke Murphey

Todos:

- ~~Handle saving response codes~~
- ~~Handle errors~~
- ~~Loading a custom entry~~
- ~~Show message when done~~
- ~~Add input validation~~
- ~~Check permissions~~

#### #10 - 04/25/2017 07:57 AM - Luke Murphey

Getting an error when either of the widgets are created.

#### #11 - 04/25/2017 08:01 AM - Luke Murphey

Questions:

- Has something to do with tokens?
  - Setting tokens to false doesn't change it
- Why does this not fail on other dashboards?
  - Insteon app does this in <https://github.com/LukeMurphey/splunk-insteon/blob/master/src/appserver/static/js/views/AnnotateEventView.js>
  - It blows up too

#### #12 - 04/25/2017 08:21 AM - Luke Murphey

Error is here (promises is null):

```
var dfd = $.Deferred()
    , inputs = this._getInputs();
if (inputs.length > 0) {
    var promises = _(inputs).invoke("onInputReady");
    $.when.apply($, promises).always(dfd.resolve)
```

**#13 - 04/25/2017 08:22 AM - Luke Murphey**

The fix was to load an empty onInputReady():

```
response_code_input.onInputReady = function(){}  
response_threshold_input.onInputReady = function(){}  

```

**#14 - 04/27/2017 05:11 PM - Luke Murphey**

- *Status changed from In Progress to Closed*

- *% Done changed from 0 to 100*