

Action Example - http.workers vs. devices

Introduction

Monitoring the amount of active mobile devices vs. the amount of active http.workers is pretty important on IBM Traveler.

The aim of this kbase example is, that you can set an alert condition whenever the amount of active devices multiplied by the factor 1.2 is above the http.workers level

Configuration

-Configure a *Domino Statistics Sensor*. This type of Sensor collects all relevant Traveler Statistics

-Add a SMTP Mail action via the Action tab

-Configure the following condition

The screenshot shows the 'Conditions' configuration window. It has a title bar 'Conditions' and a list of conditions. The first condition is 'Run this action when ...' with a status dropdown set to 'Status', a comparison operator dropdown set to '!=', and an 'Ok' button. The second condition is selected, also 'Run this action when ...', with a text area containing the expression: `${result.statistics['Traveler.Push.Devices.Total'] * 1.2 > result.statistics['Http.Workers']}`

Copy / Paste:

```
${result.statistics['Traveler.Push.Devices.Total'] * 1.2 > result.statistics['Http.Workers']}
```

-Configure the notification text

This is just an example text

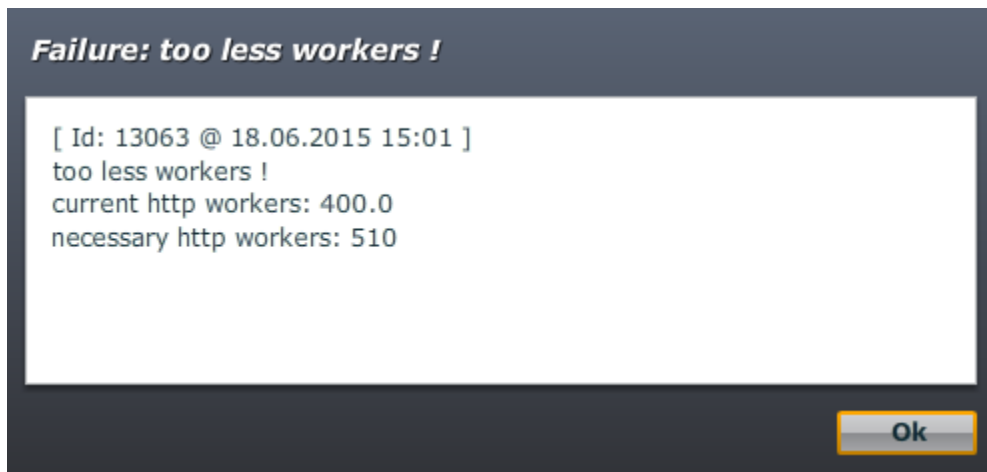
The screenshot shows the 'Message' configuration window. It has a title bar 'Message' and a 'Type' dropdown set to 'Failure'. There are checkboxes for 'Send Status Reset Message' and 'Override Message Text'. Below, there is a 'Templates' dropdown set to 'Custom ...'. Under 'Short Text', the text 'too less workers !' is entered. Under 'Text', the text 'too less workers !' is entered, followed by 'current http workers: \${result.statistics['Http.Workers']}' and 'necessary http workers: \${result.statistics['Traveler.Push.Devices.Total'] * 1.2}'.

Copy/Paste

```
too less workers !  
current http workers: ${result.statistics['Http.Workers']}  
necessary http workers: ${result.statistics['Traveler.Push.Devices.Total'] * 1.2}
```

-Save/Close

Whenever the condition is met, the notification would look like this:



Conclusion

That's one of the best examples where you can build a action condition based on a mathematical calculation.