

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 two radio buttons under the heading 'Run this action when ...'. The first radio button is unselected and has a dropdown menu showing 'Status' and buttons for '!=', 'Ok', and 'And'. The second radio button is selected and has a text area containing the condition: `${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

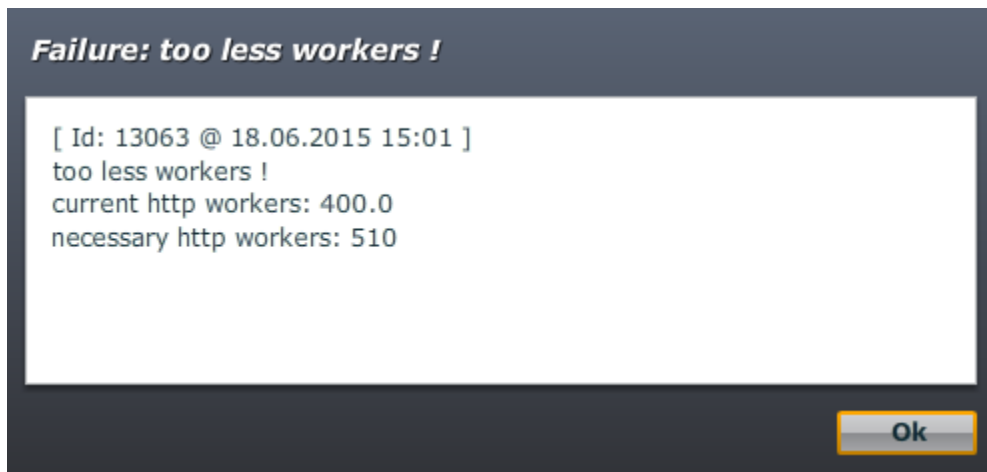
The screenshot shows the 'Message' configuration window. At the top, there is a 'Type' dropdown set to 'Failure', and two checkboxes: 'Send Status Reset Message' and 'Override Message Text'. Below this is a 'Message' section with a 'Templates' dropdown set to 'Custom ...'. There are two text areas: 'Short Text' containing 'too less workers !' and 'Text' containing 'too less workers !', '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.