

Monitoring Cloud Applications Using Zabbix

”You must always be able to predict what’s next and then have the flexibility to evolve ” ~ Marc Benioff

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The Salesforce logo, which is a blue cloud shape with the word "salesforce" in white lowercase letters inside it.

salesforce

Presentation Agenda

1 Monitoring Objectives

2 Zabbix Architecture

3 Cloud Applications Monitoring

4 What's Next

Monitoring Solution in the Age of “As-a-Service”

Security #1 priority

Flexibility is the key

Must be **Scalable**

User Experience
matters



Presentation Agenda

1

Monitoring Objectives

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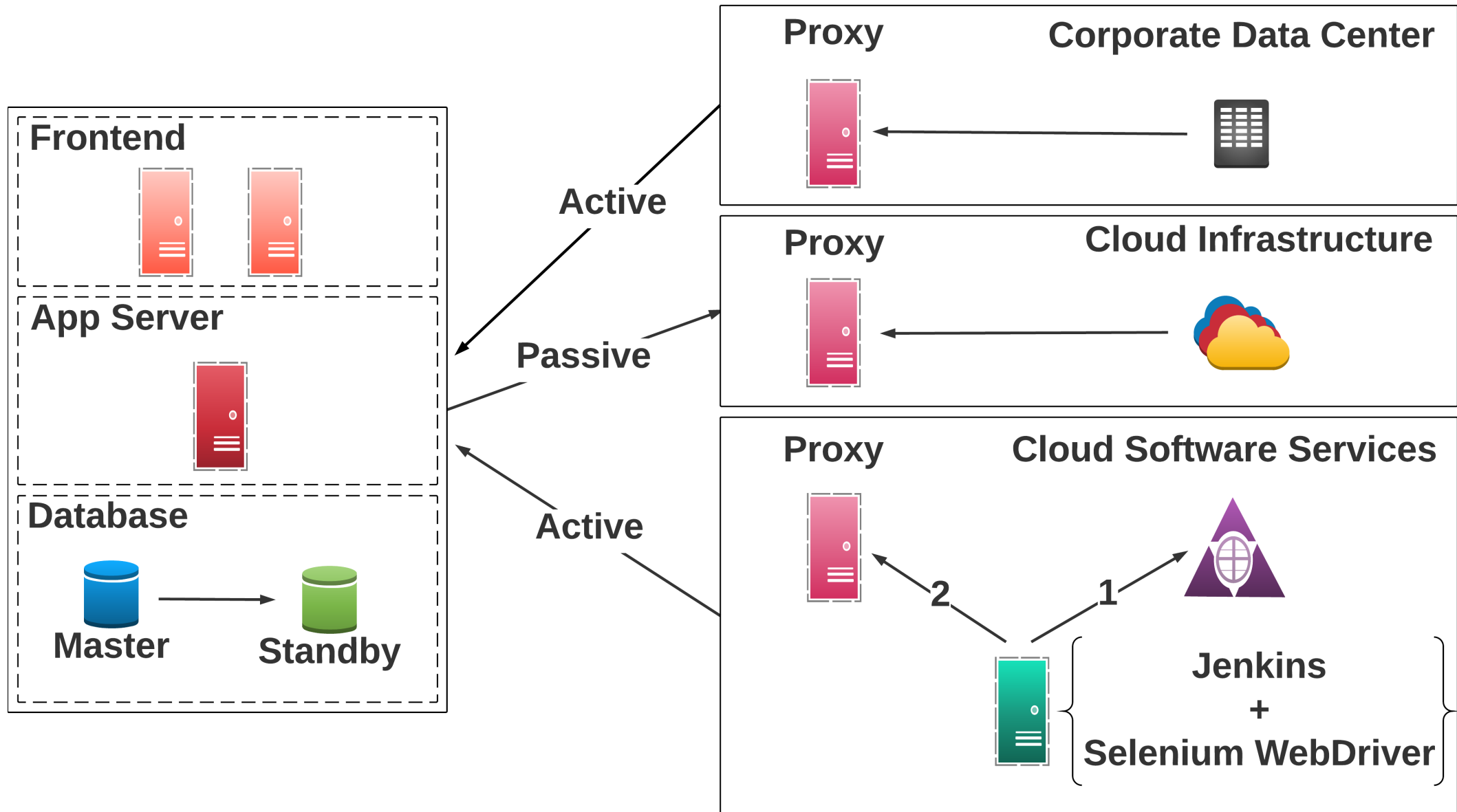
Zabbix Architecture

3

Cloud Applications Monitoring

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What's Next



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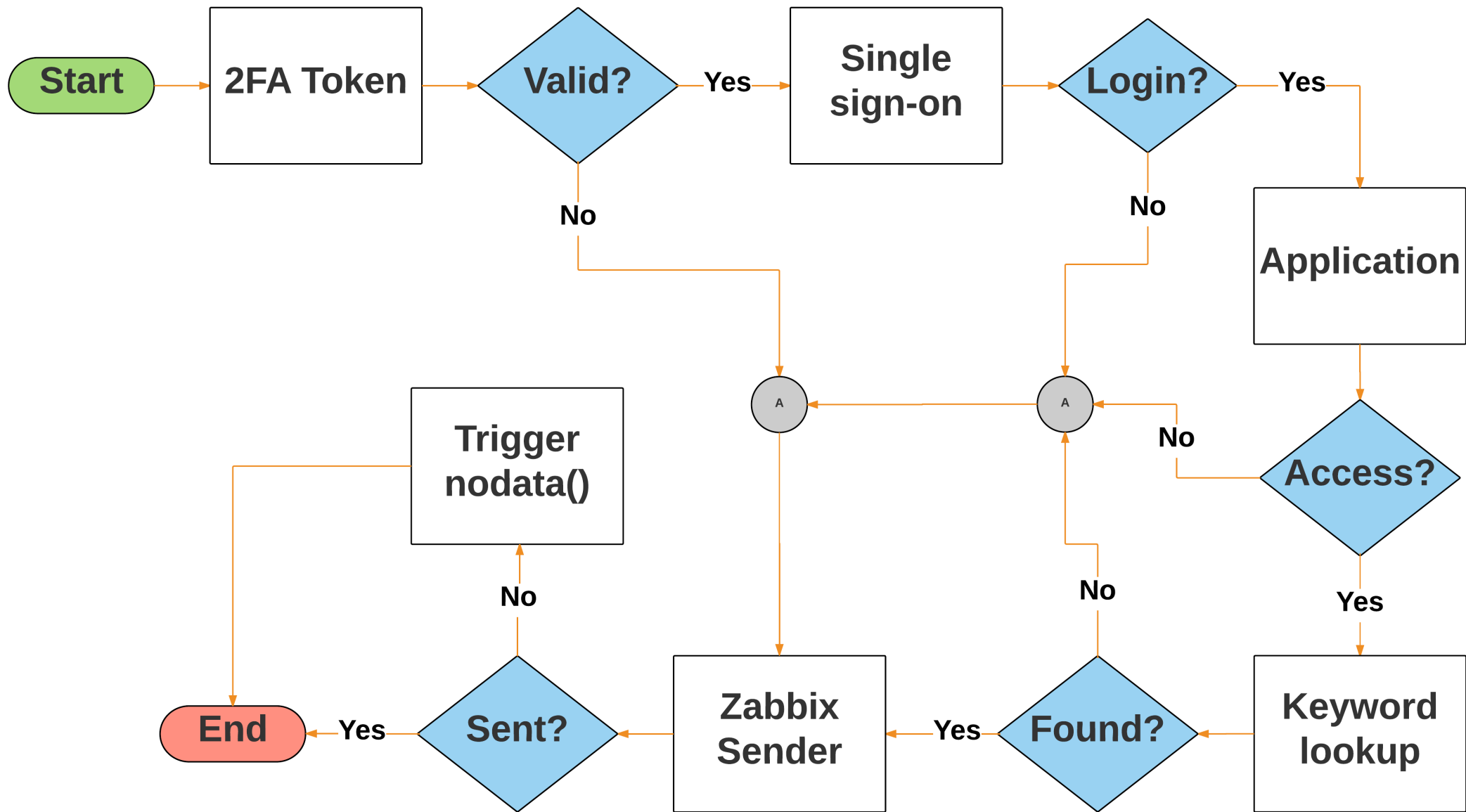
Zabbix Architecture

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4

What's Next



i love..



WEB SCRAPING



Endless possibilities
with **zabbix_sender**
and **user**
parameters

Example 1 - Selenium Python bindings

```
from selenium import webdriver
from selenium.webdriver.common.keys import Keys

driver = webdriver.Firefox()
driver.get("http://www.python.org")
assert "Python" in driver.title
elem = driver.find_element_by_name("q")
elem.clear()
elem.send_keys("pycon")
elem.send_keys(Keys.RETURN)
assert "No results found." not in driver.page_source
driver.close()
```

Example 2 – Curl and Zabbix Sender

- Get number of alerts in Google Apps Status Dashboard

```
$ count=$(curl -s https://www.google.com/appsstatus/rss/en |  
grep -c "<title>")
```

```
$ count=$(( ${count} - 1 ))
```

- Use zabbix_sender to send the data

```
$ zabbix_sender -v -z zabbix-proxy -s "gappstatus" -k  
gappstatus.alerts.count -o ${count} | logger -t "zabbix_sender"
```

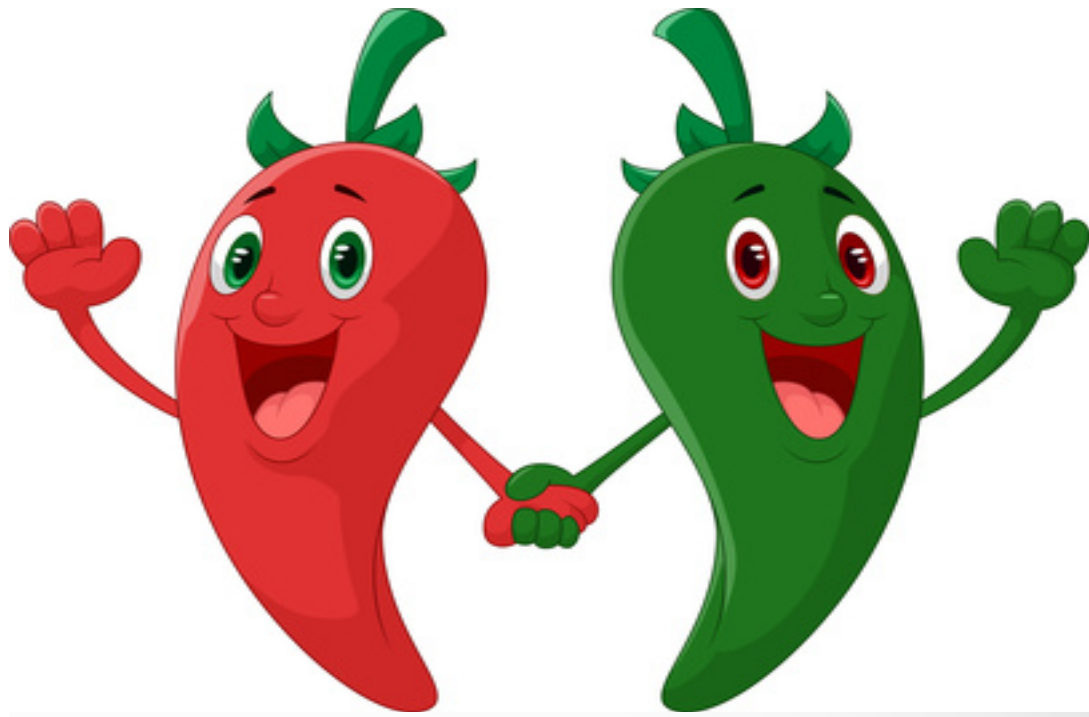
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Make monitoring data
easy and effortless for
the teams to make **data**
driven decisions



Event correlation and
self healing

thank you