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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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
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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