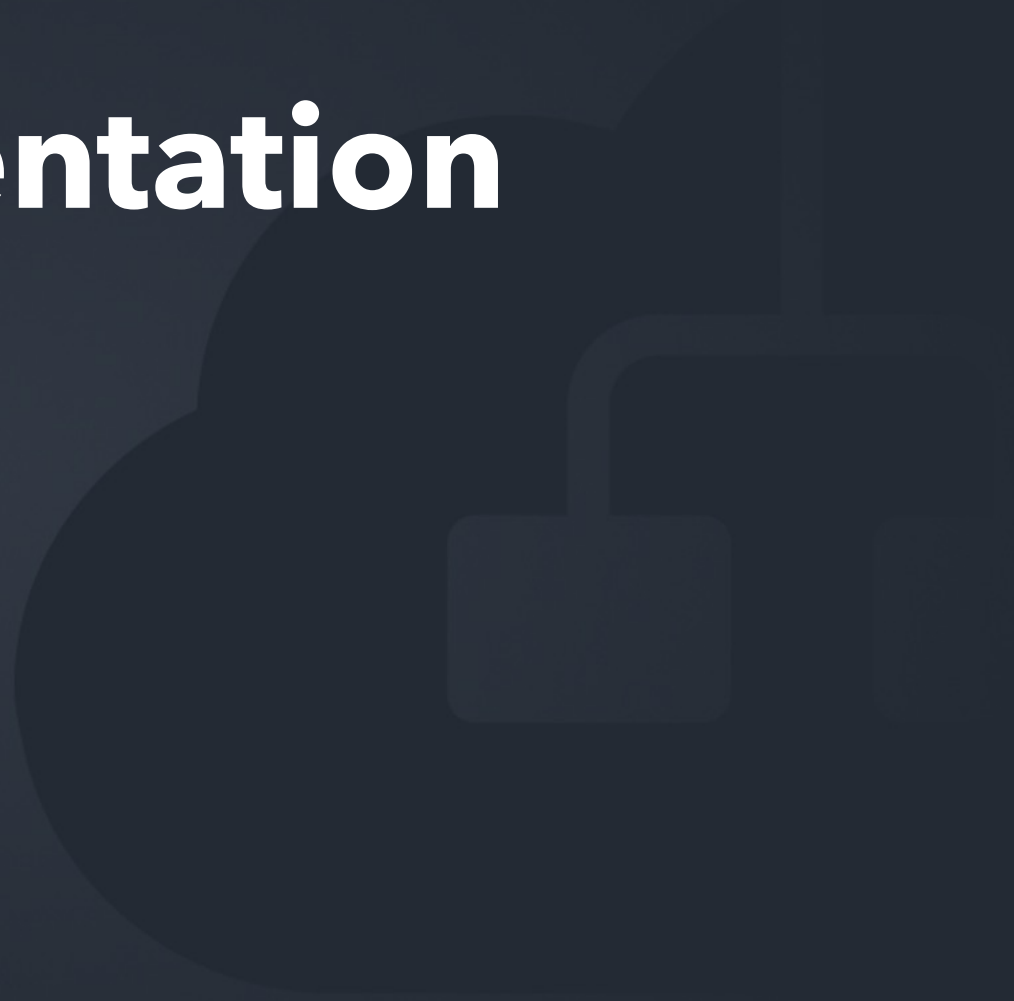
unSkript

Automate your Cloud Ops

And spend less time doing operations

Documentation



Documentation

RunBooks
Checklists

Application Support and Operations takes up to 55% of Developer time

Documentation Advantages

https://zwischenzugs.com/2017/04/04/things-i-learned-managing-site-reliability-for-some-of-the-worlds-busiest-gambling-sites/

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7 month kick-off
10% ongoing

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Reality

Reality

🚩 7 month kick-off 🚩

Reality

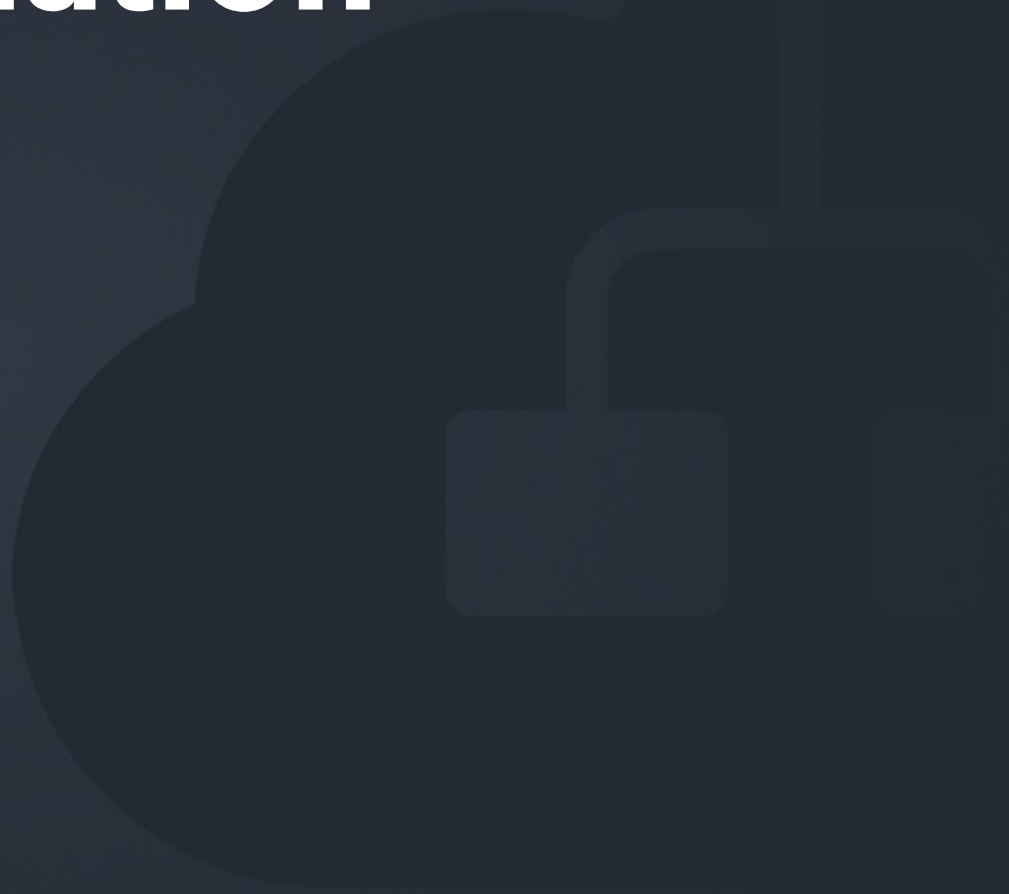
🚩 7 month kick-off 🚩

We need something faster

unSkript

UNSKRIPT, INC.

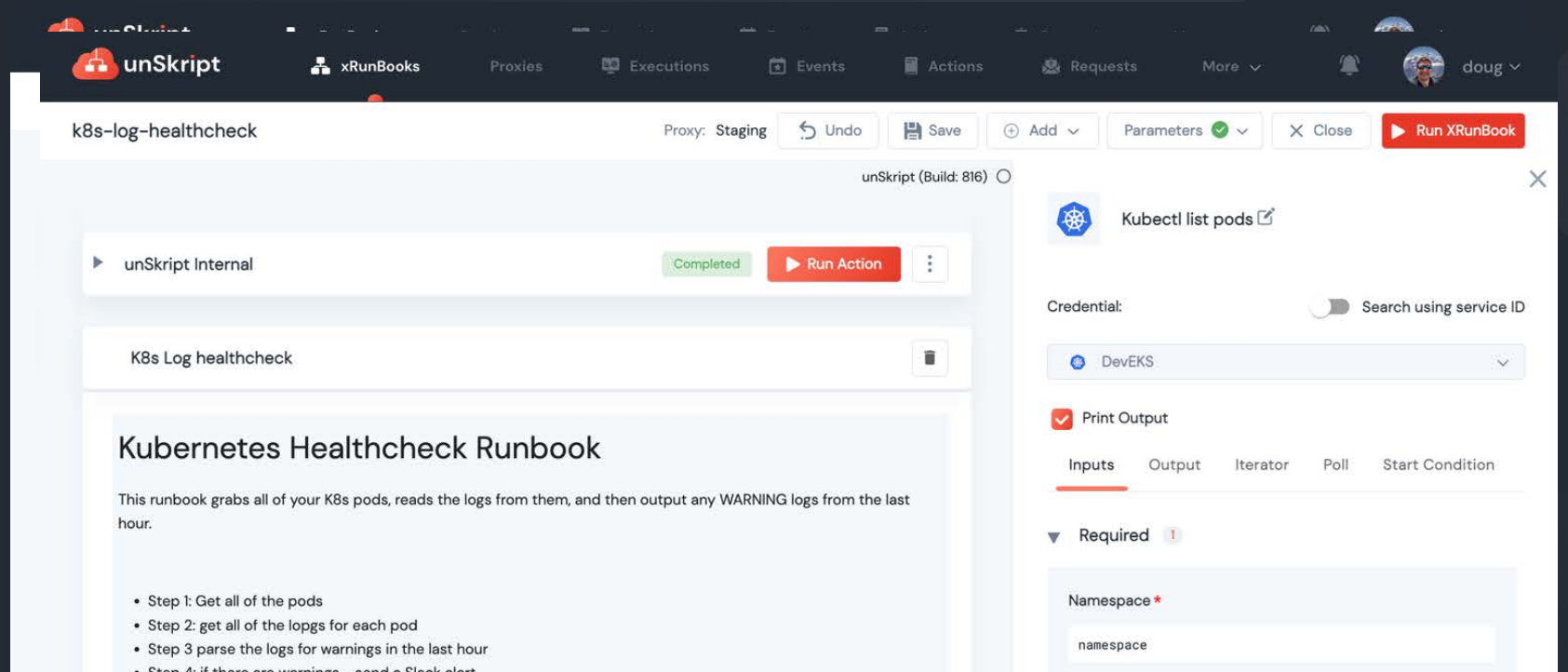
Open Source RunBook Automation



http://runbooks.sh

Open Source RunBook Automation

Based on Jupyter Notebooks



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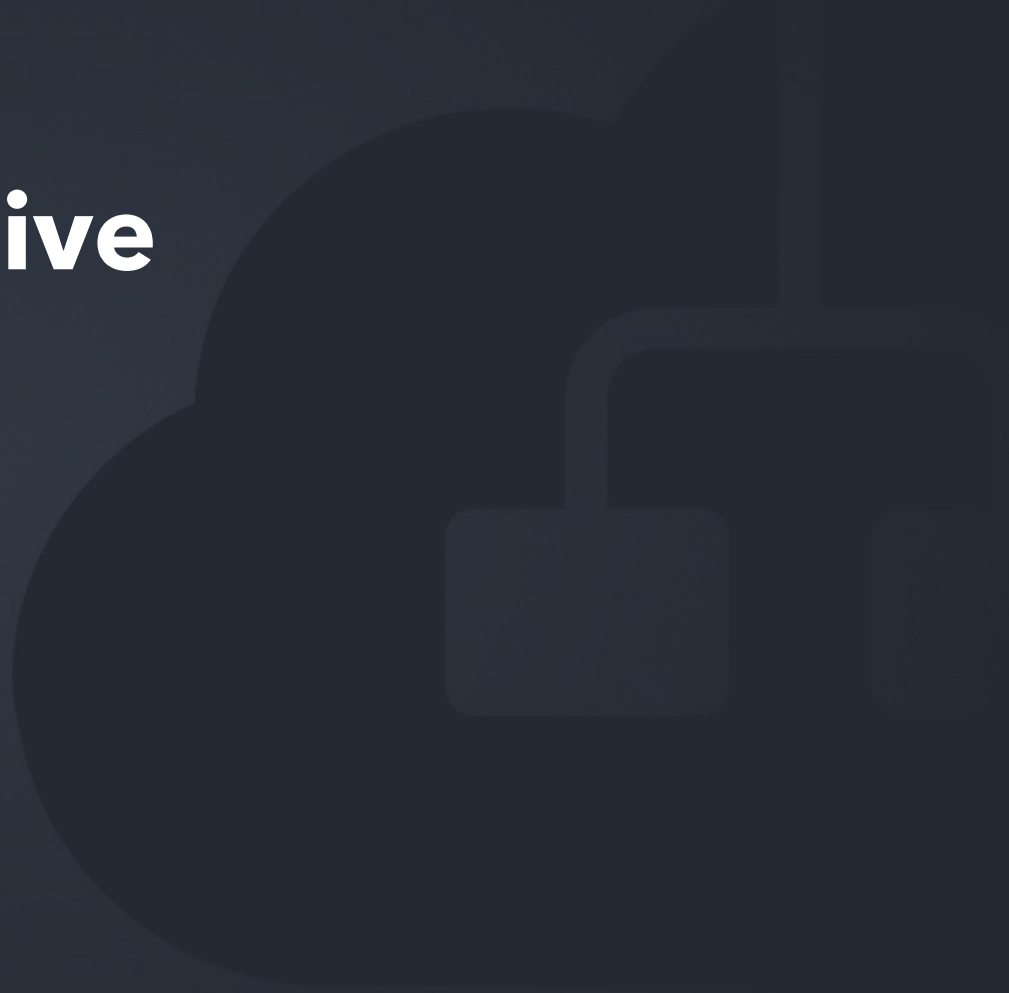
Jupyter Notebooks

- **Online - Collaborative**



http://runbooks.sh

Jupyter Notebooks

- Online – Collaborative
- Python: No Domain Specific Language

Jupyter Notebooks

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- Python: No Domain Specific Language
- Documentation via text/markdown

http://runbooks.sh

Jupyter Notebooks

- Online – Collaborative
- Python: No Domain Specific Language
- Documentation via text/markdown
- Easy Automation

http://runbooks.sh

Getting Started

Runbooks.sh

http://runbooks.sh

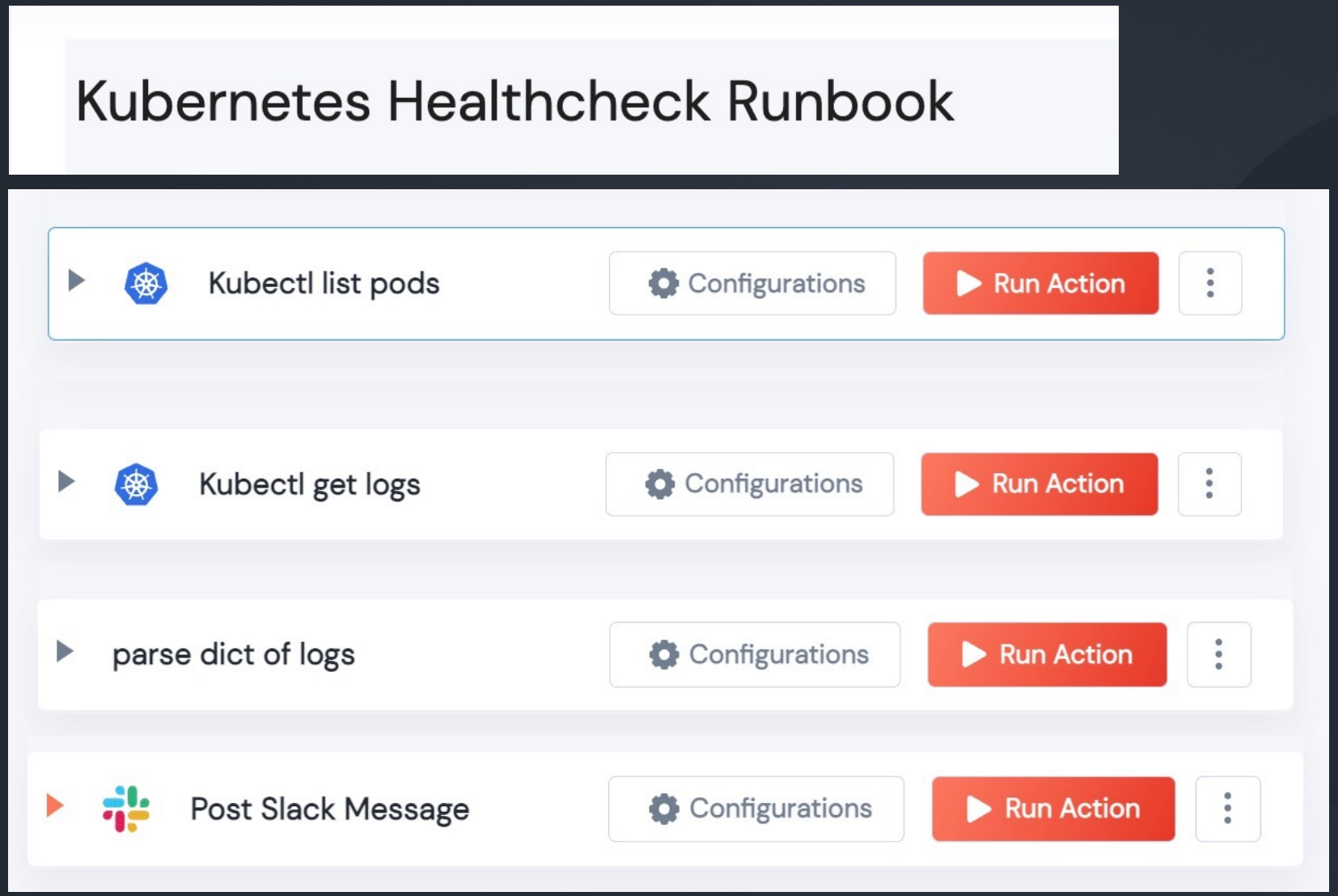
Getting Started

Runbooks.sh

Repository of 100s of RunBooks and Actions

http://runbooks.sh

Example RunBook



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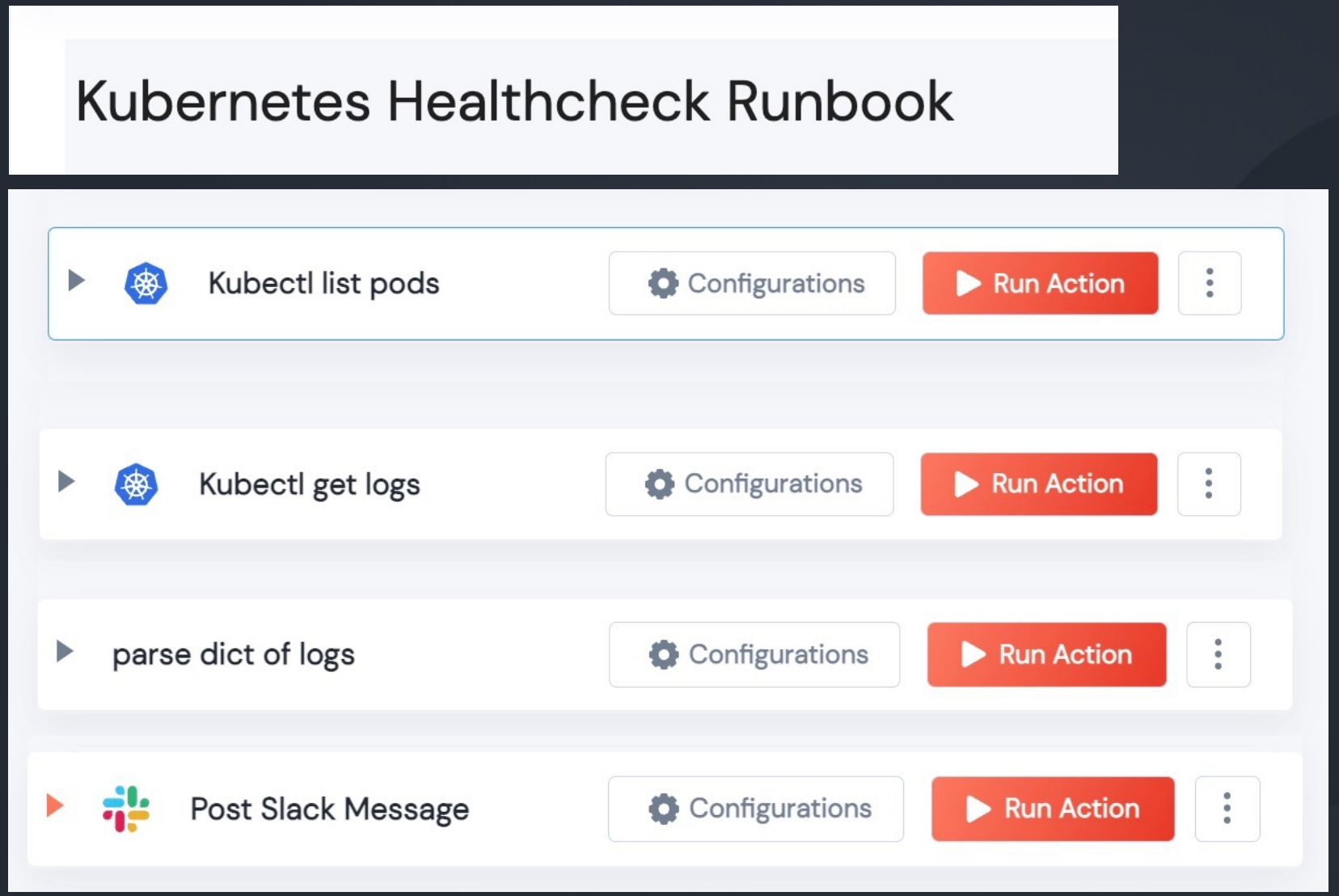

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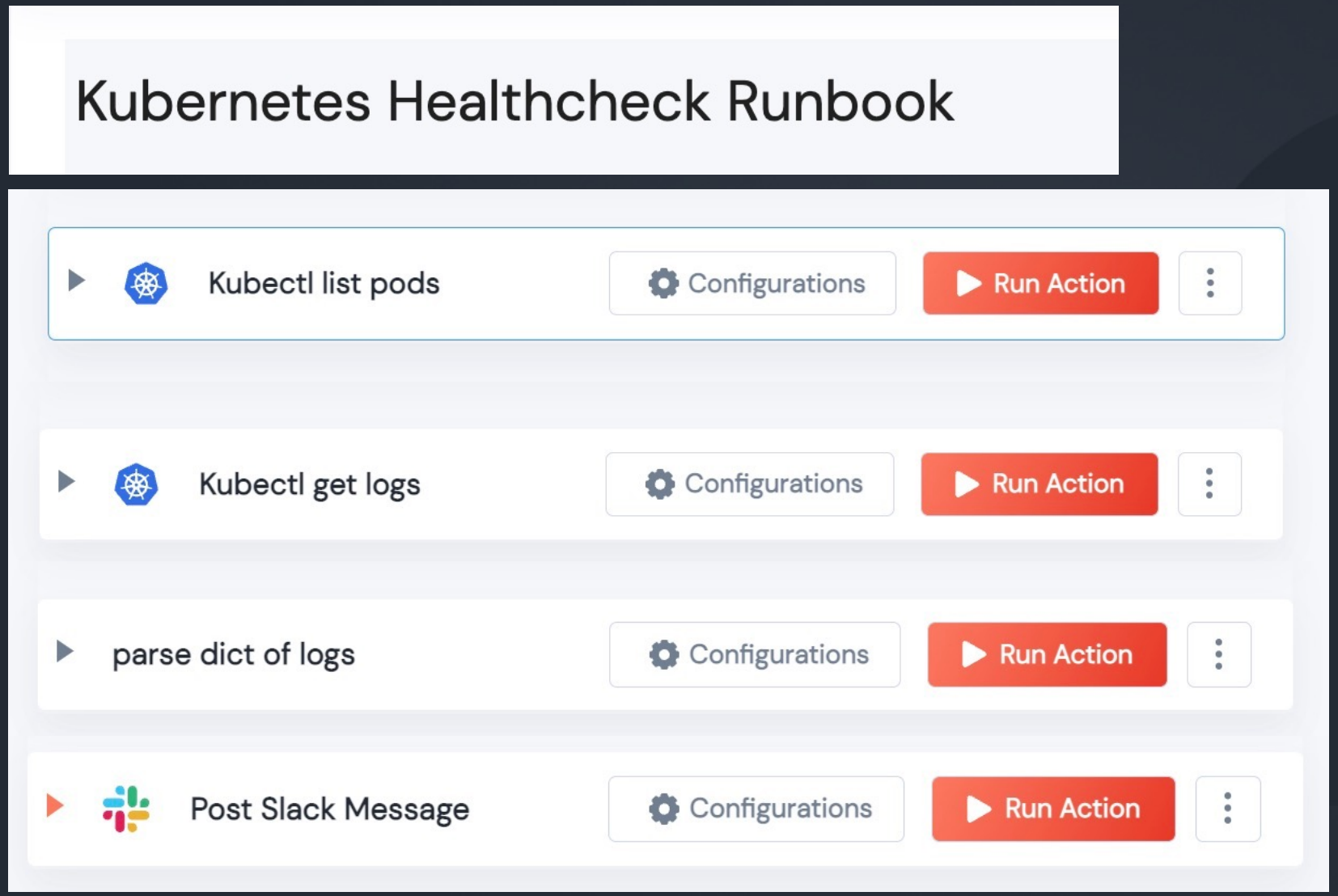

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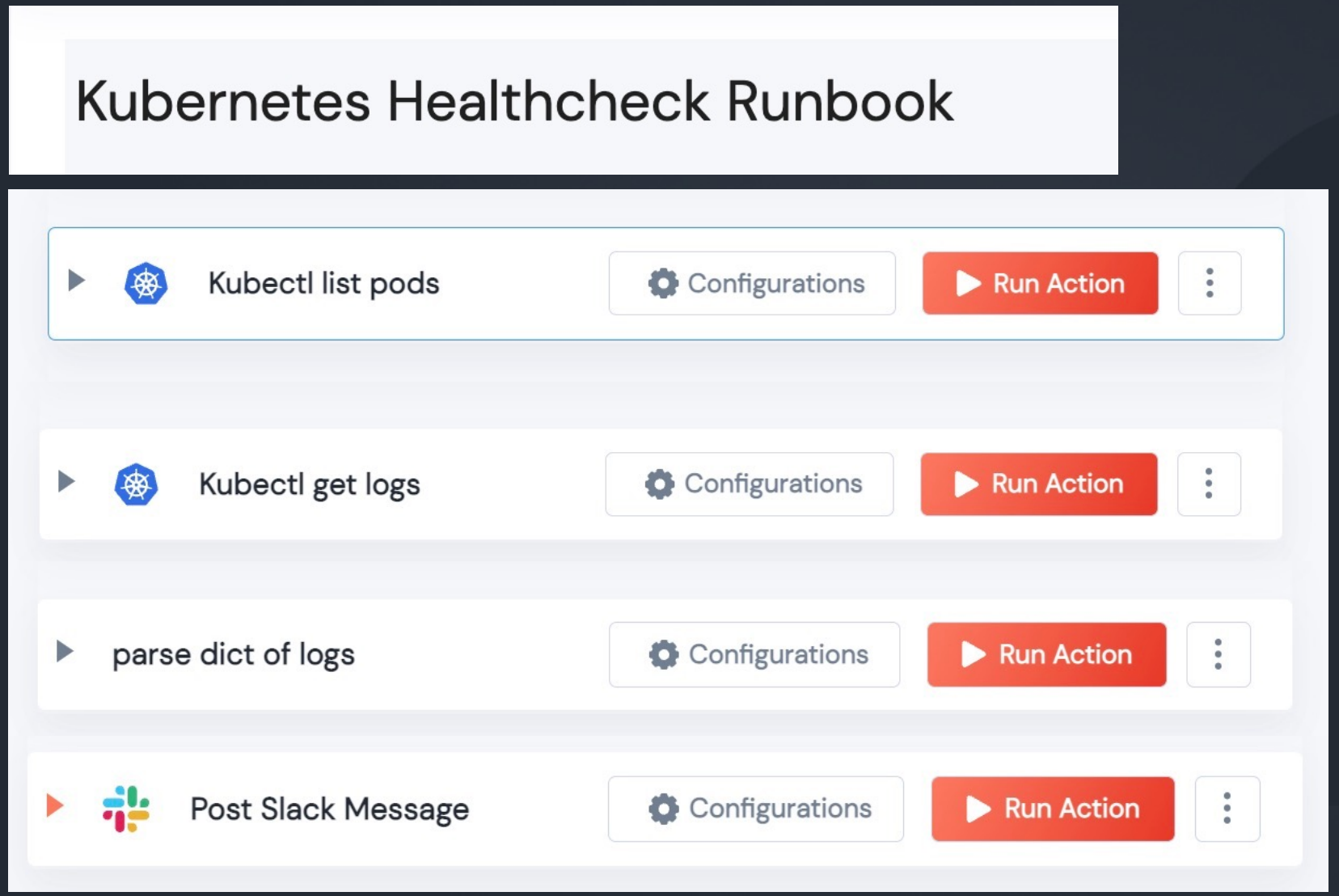
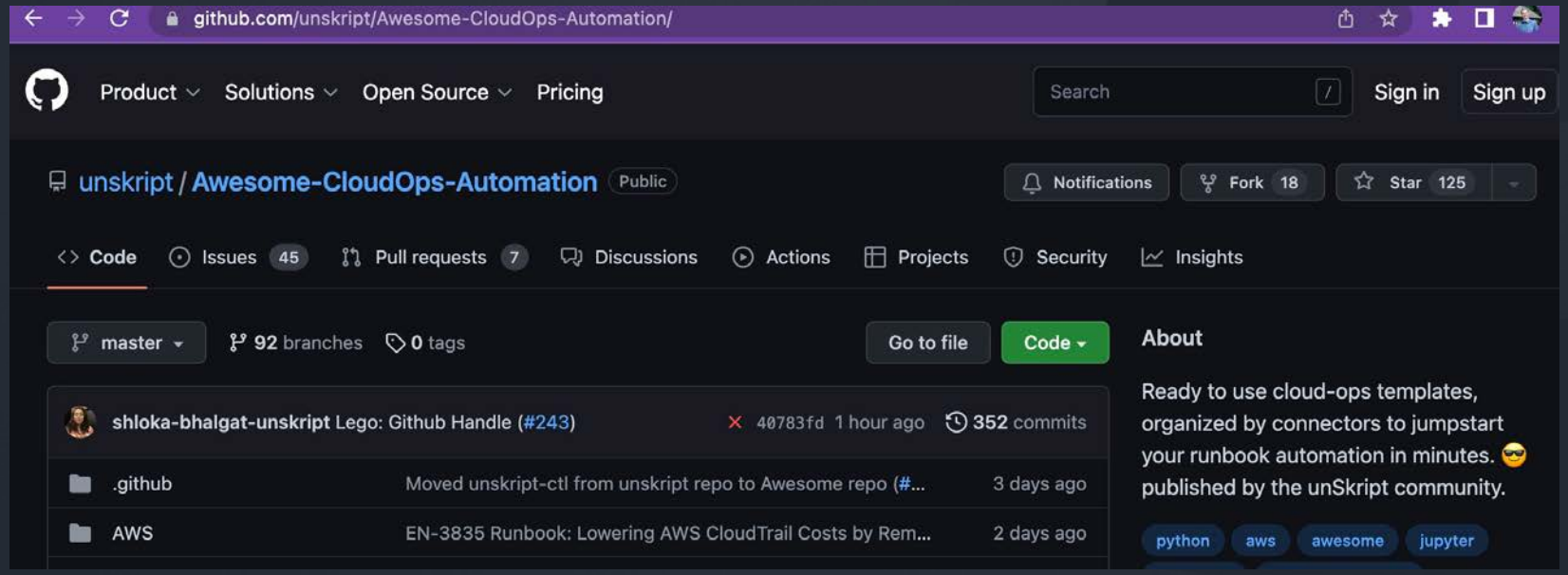


RunBook in PR to Open Source

Getting Started

Runbooks.sh



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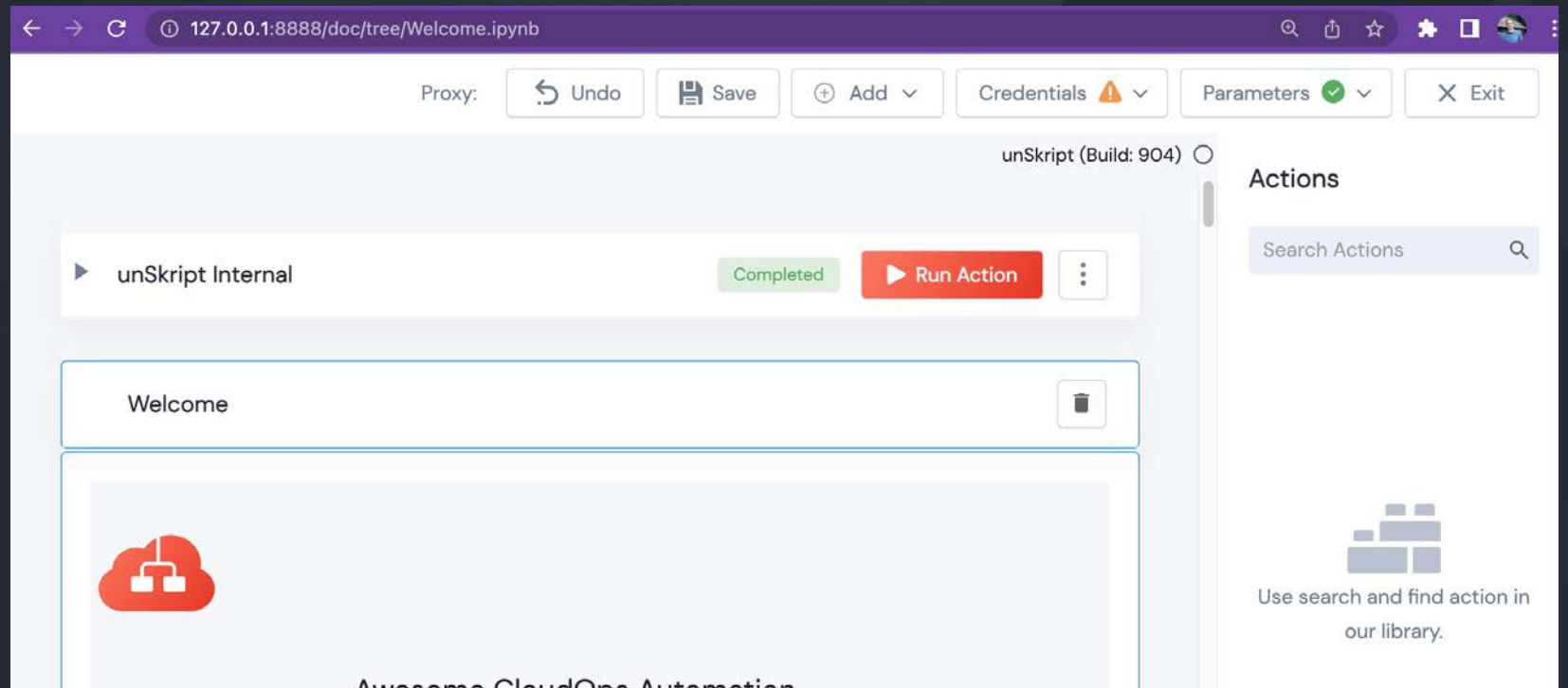
Getting Started

Runbooks.sh
Docker Install



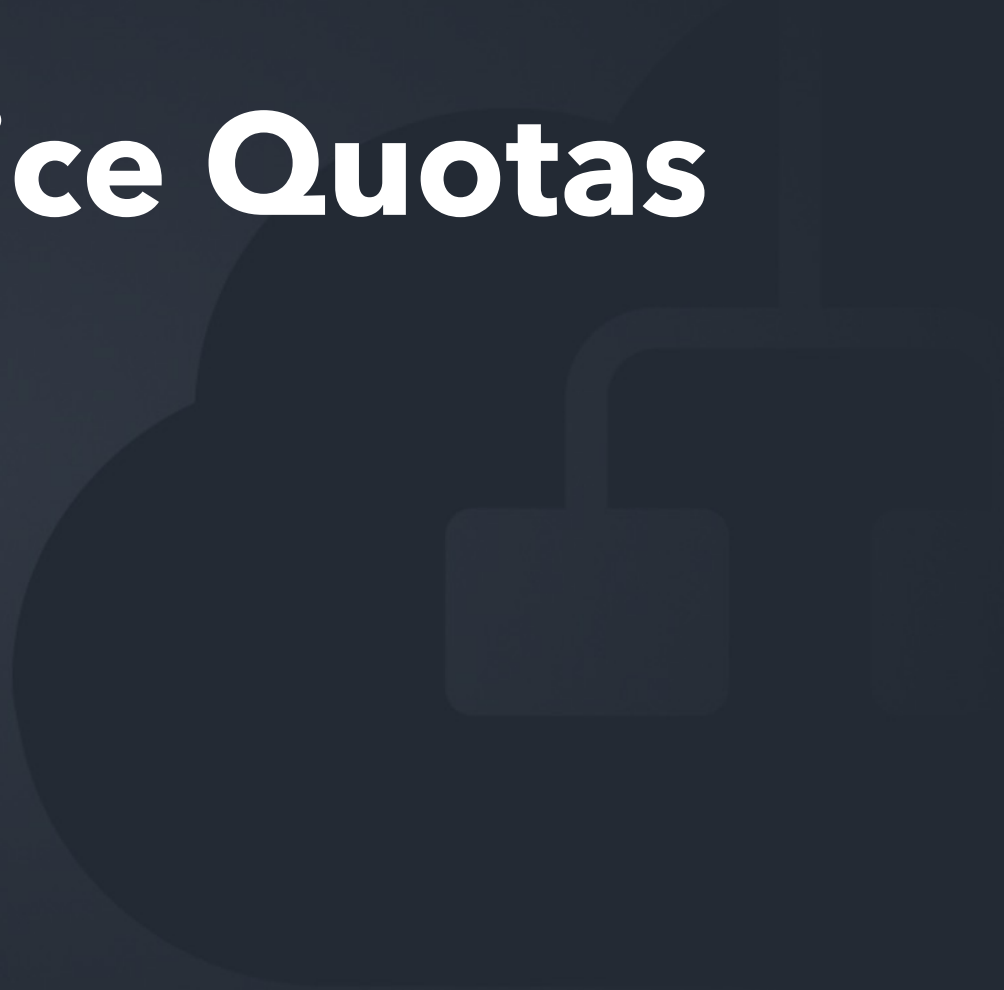
http://runbooks.sh

Demo

http://runbooks.sh

RunBook

AWS Service Quotas



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RunBook

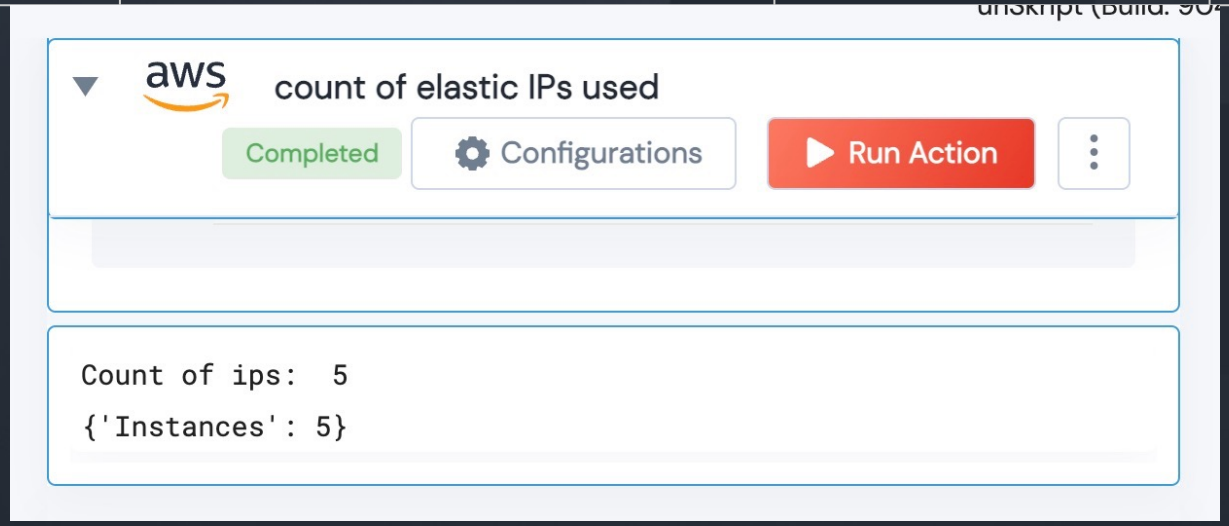
AWS Service Quotas

ec2	EC2-Classic Elastic IPs	L-CEED54BB	5

RunBook

AWS Service Quotas

ec2	EC2-Classic Elastic IPs	L-CEED54BB	5



http://runbooks.sh

RunBook

AWS Service Quotas

1. Get Service Quota
2. Get Usage
3. Check the difference
4. Warn Team limit is approaching Or: Request a higher quota

Summary

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  - Improve outcomes
  - Lower MTTR
  - Improve team collaboration
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Resources

- **unSkript**
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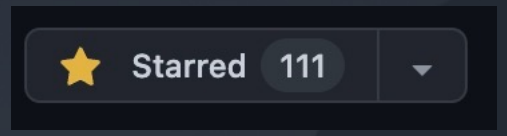

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unSkript

Learn more at: unSkript.com