



EDGE/WORLD

EXPERIENCE THE EDGE



Akamai CLI

Automating the
management of your
Akamai properties with
open source

./jq

curl://



DEVOOPS

#EdgeWorld2019

Speaker



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Javier Garza

Developer Evangelist @Akamai (San Francisco, CA)

- 15+ years at Akamai helping customers run fast and secure apps
- Author, blogger, speaker, one-liner king
- Motto: Share what you learn, and learn what you don't
- Hobbies: challenging workouts, non-profit volunteering

Agenda

- The secret for Building and Delivering Amazing Apps
- Akamai services for origin, Edge and Client-Side
- Open Source Tools used in Demo
- Demo of automating the implementation of Edge Logic using open source tools

Building Amazing Apps at Scale



Optimize all areas

Frontend

- App UI
- Accessibility
- App Performance
- Network awareness
- Security

Backend

- Distributed architecture
- Auto-scaling
- Continuous Monitoring
- Backend performance
- DevOps automation

Network

- Distributed DNS
- Optimize protocol
- Optimize latency
- Edge Computing

<https://devops.com/building-amazing-apps-part-1-optimizing-the-front-end/>

<https://devops.com/building-amazing-apps-part-2-optimizing-the-back-end/>

<https://devops.com/building-amazing-apps-part-3-optimizing-the-network/>

Akamai Services for origin, Edge and client-side



Akamai @ Origin

- Get End User insights at origin without JavaScript (EdgeScape)
- Control Edge cache at the origin (Edge-Control)
- Organize Content into caching categories (Cache-Tags)
- Insert ESI code (soon EdgeWorkers) into HTML that is executed @ Edge

Akamai @ Edge

- Unify external cloud micro-services
- Manipulate business logic without writing code

Packaged ready-to-run Cloud Services

- Capture Telemetry
- Run code

Akamai @ Device

- Control End User's Device Cache
- Run managed service workers
- SDKs
- Media Player

Akamai Everywhere



openSource Tools



Open Source Tools

- Akamai CLI: <https://developer.akamai.com/cli>
- GitHub / git: <https://github.com/>
- curl: <https://curl.haxx.se/>
- jq: <https://stedolan.github.io/jq/>
- Jenkins: <https://jenkins.io/>

DEMO

<https://github.com/akamai-contrib/property-automation-open-source>

Q & A





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THANK YOU
