

Phased Release Cloudlet

Perform canary releases with built-in proactive failover to reduce risk during continuous software release activities



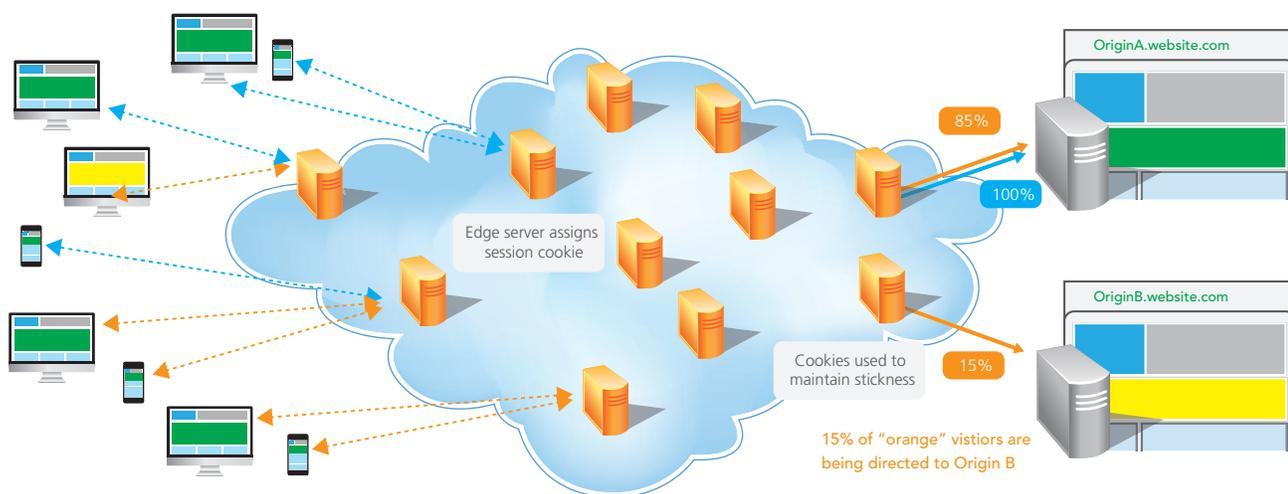
Business and marketing requirements are driving a faster pace for infrastructure and operations teams. In response to this, continuous delivery and continuous deployment have been adopted in an effort to ship code to production more quickly and gain operational efficiencies through DevOps practices. This need for speed puts pressure on the software development lifecycle and ultimately directly on infrastructure and operations teams. A lack of sufficient tools or controls to support the agility required to quickly and accurately test and deploy new apps or releases on an ongoing basis could lead to disastrous results should a new deployment underperform or fail in production after you've rolled it out to your entire customer base.

Overcoming the operational hurdles to coordinate various functions and their respective owners can be a challenge as your deadlines are rapidly approaching. A common practice to reduce risk when quickly deploying new experiences is to perform canary releases to a subset of users in production before rolling out to your entire audience. Configuring these types of settings at the load balancer or gateway router can be complex to manage, risky in production, and eat up valuable time because of the need to coordinate various release activities across teams and functions.

The Phased Release Cloudlet helps DevOps teams use the Akamai Intelligent Platform to control traffic to canary deployments by providing you a tool to gradually shift a percentage of users to a new software release while retaining the flexibility to failover immediately should you encounter challenges in production. Built with the performance and scale of the Akamai Intelligent Platform, the Phased Release Cloudlet can help you speed time to market and reduce risk with speed, flexibility and control during frequent software releases.

USEFUL FOR:

- Testing new software releases
- Testing new stacks or environments
- Gradually migrating traffic to new infrastructure regardless of location, network, or provider



Feature Benefits:

- **Controlled traffic migration** - Gain control over visitor traffic for phased releases to your users/customers. Define audiences, percentage, control stickiness, and failover settings.
- **Automated failover** - Perform canary release to new software or infrastructure in production with automated failover should you encounter challenges or bugs in productions.
- **Codeless rule creation** - Click to configure and activate rules that define audiences and shift visitor traffic without custom code.
- **Logic at the Edge** - Logic offloaded from your infrastructure to the Edge for additional scale and performance.
- **Global reach** - shift traffic between varying geographical regions, infrastructure, or providers.
- **Extendable UI and API** - Extend Cloudlets Policy Manager User Interface and API for use by operations teams. Policies activate in seconds.

Phased Release Cloudlet

The Akamai Ecosystem

Akamai makes the Internet fast, reliable and secure. Our comprehensive solutions are built on the globally distributed Akamai Intelligent Platform™, managed through the unified, customizable Luna Control Center for visibility and control, and supported by Professional Services experts who get you up and running easily and inspire innovation as your strategies evolve.



As the global leader in Content Delivery Network (CDN) services, Akamai makes the Internet fast, reliable and secure for its customers. The company's advanced web performance, mobile performance, cloud security and media delivery solutions are revolutionizing how businesses optimize consumer, enterprise and entertainment experiences for any device, anywhere. To learn how Akamai solutions and its team of Internet experts are helping businesses move faster forward, please visit www.akamai.com or blogs.akamai.com, and follow @Akamai on Twitter.

Akamai is headquartered in Cambridge, Massachusetts in the United States with operations in more than 57 offices around the world. Our services and renowned customer care are designed to enable businesses to provide an unparalleled Internet experience for their customers worldwide. Addresses, phone numbers and contact information for all locations are listed on www.akamai.com/locations.

©2015 Akamai Technologies, Inc. All Rights Reserved. Reproduction in whole or in part in any form or medium without express written permission is prohibited. Akamai and the Akamai wave logo are registered trademarks. Other trademarks contained herein are the property of their respective owners. Akamai believes that the information in this publication is accurate as of its publication date; such information is subject to change without notice. Published 09/15.