

Policy as Code



\$ whoami



Torin Sandall

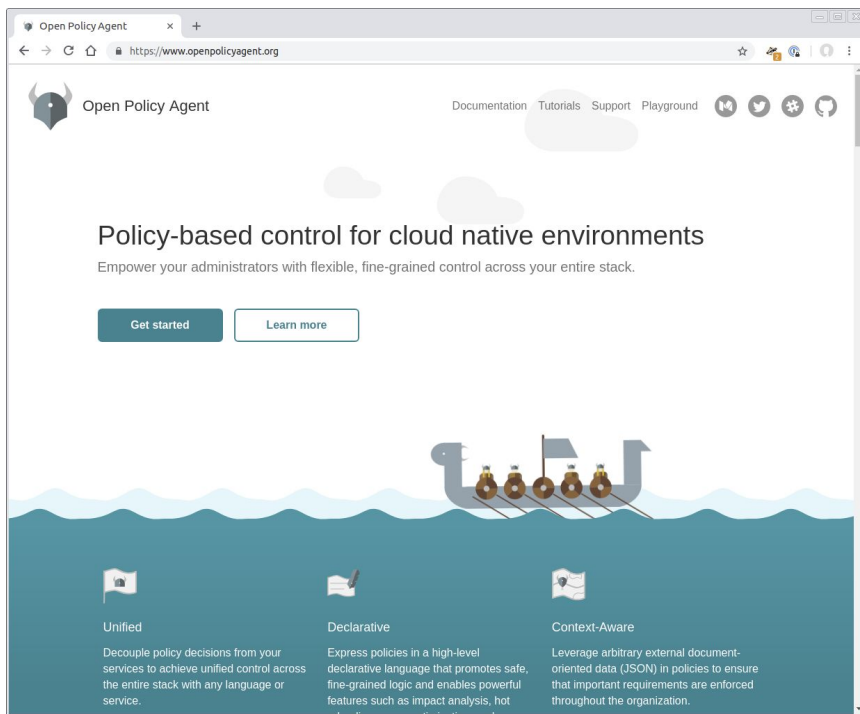
Co-creator of OPA

Engineer at Styra

 @sometorin

openpolicyagent.org





github.com/open-policy-agent/opa

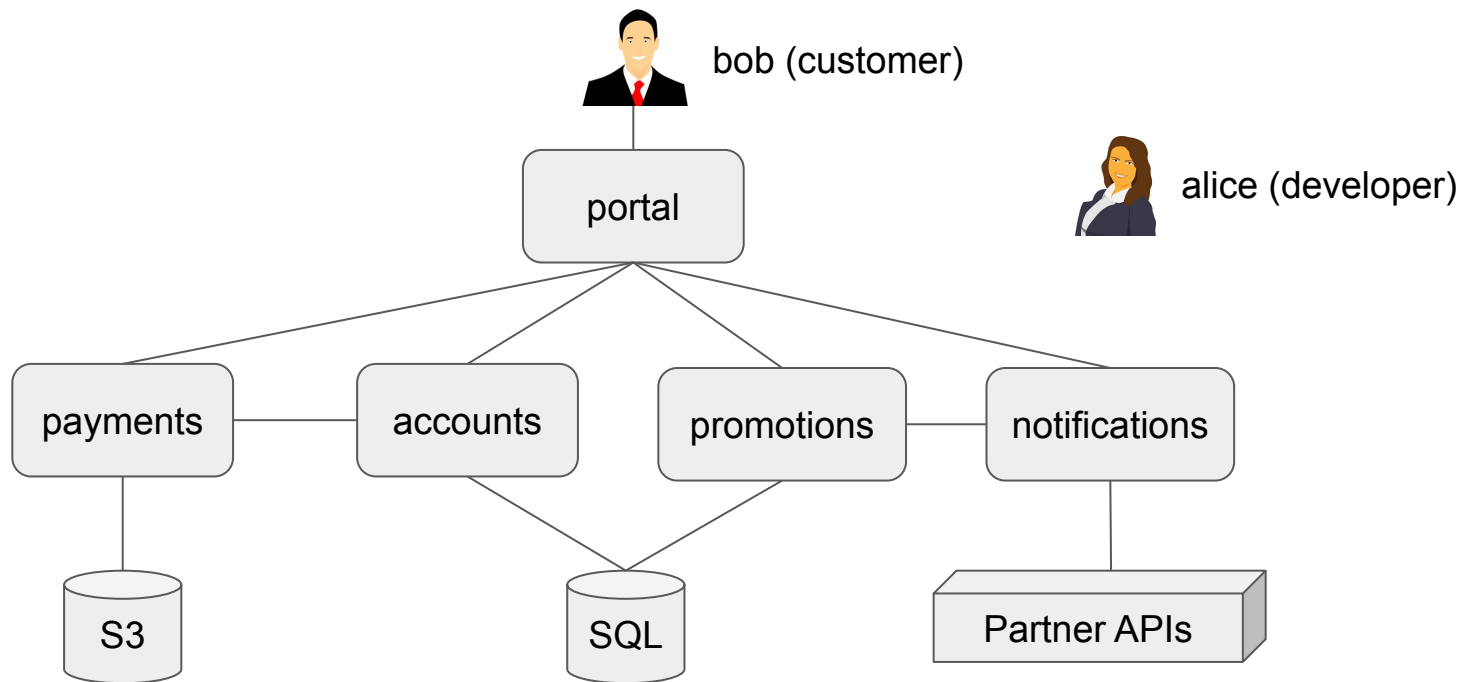
github.com/tsandall/oscon-2019

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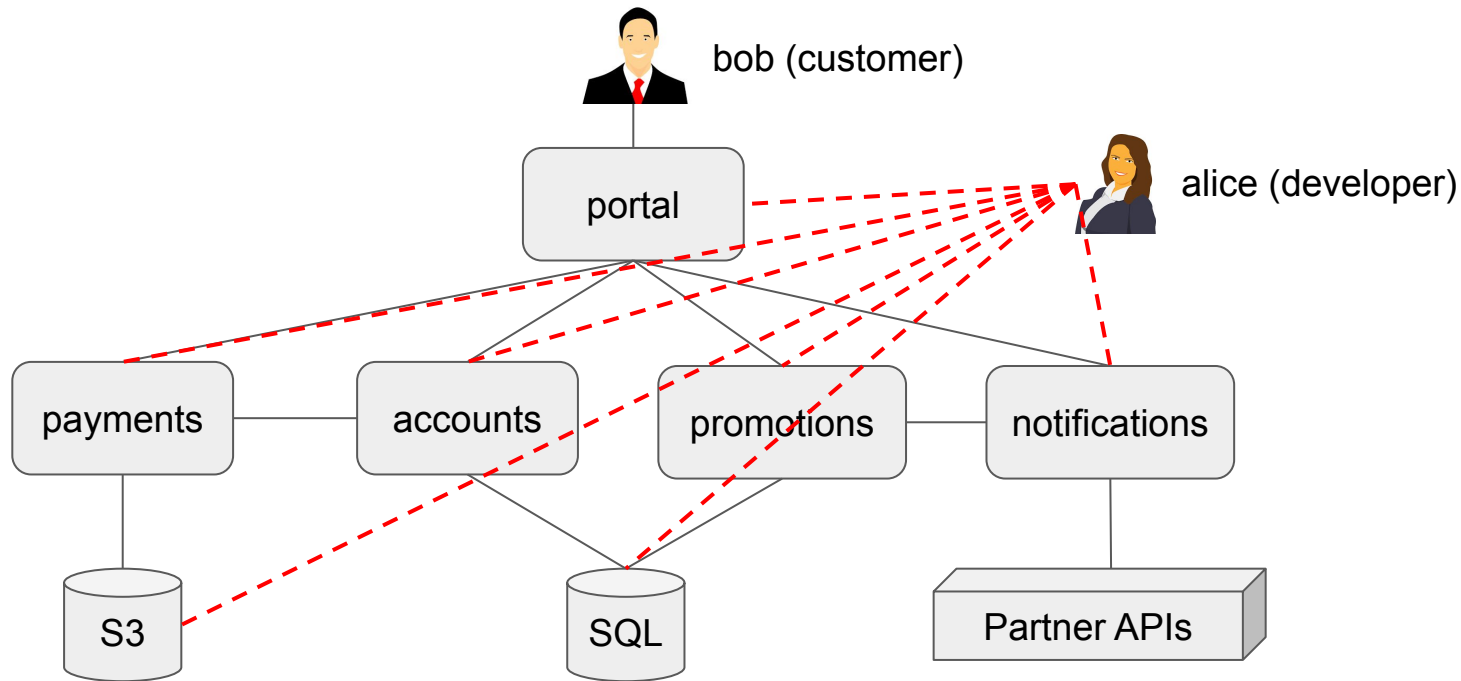
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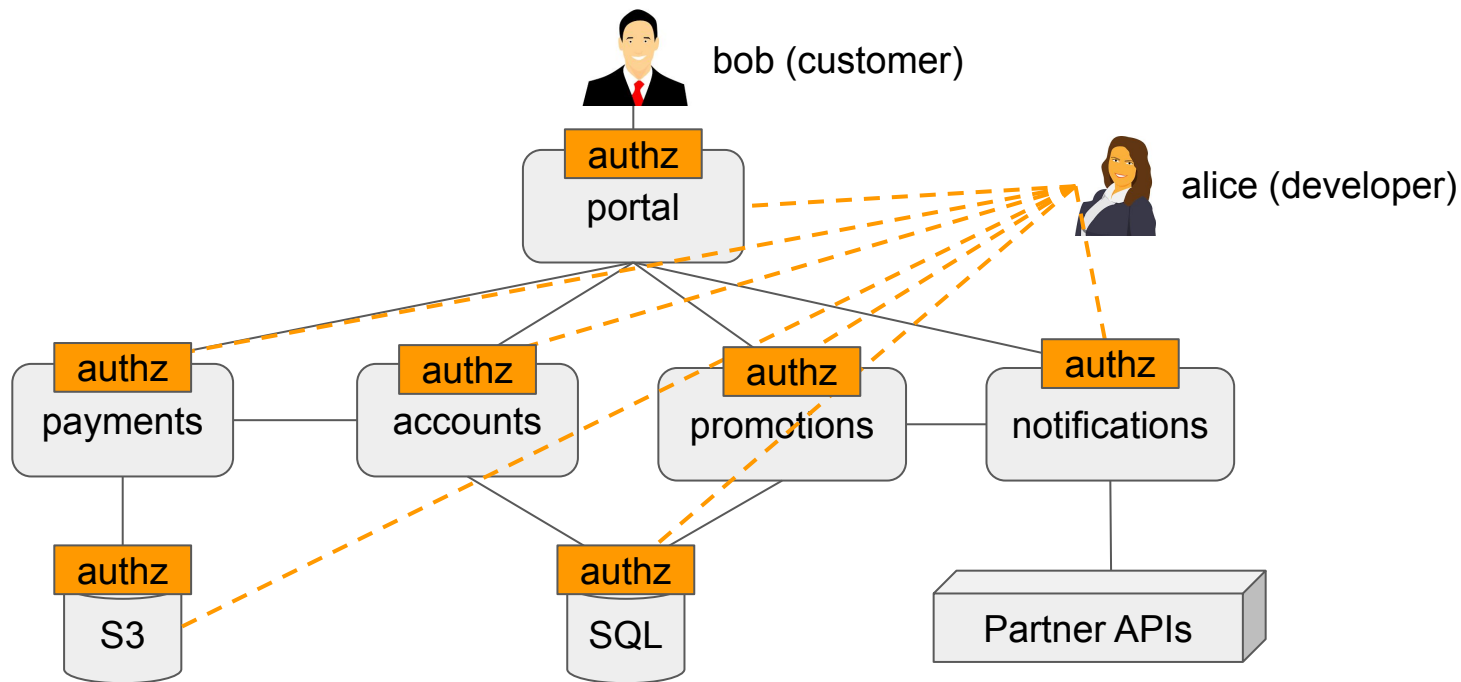
Example: Application



Example: Application



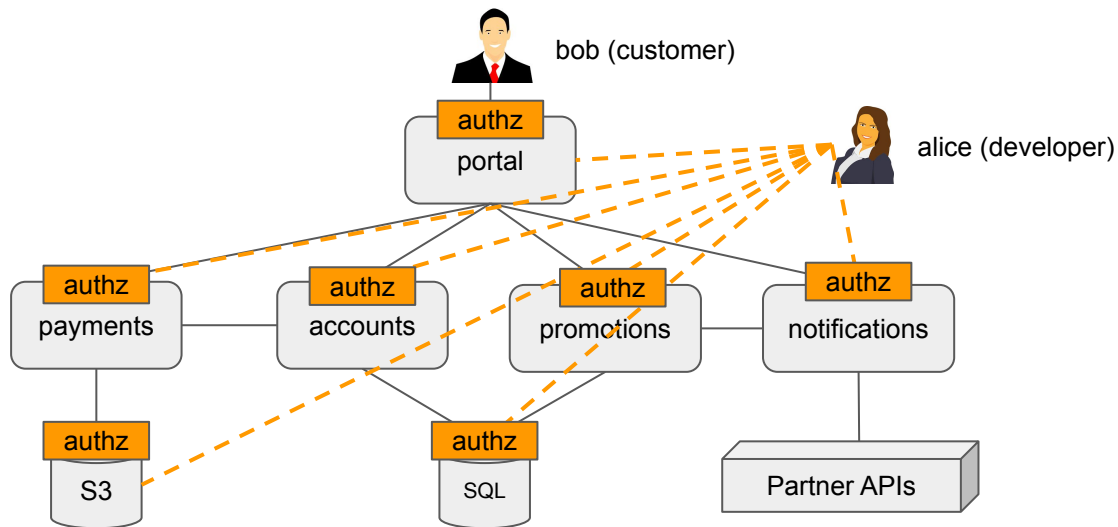
Example: Application



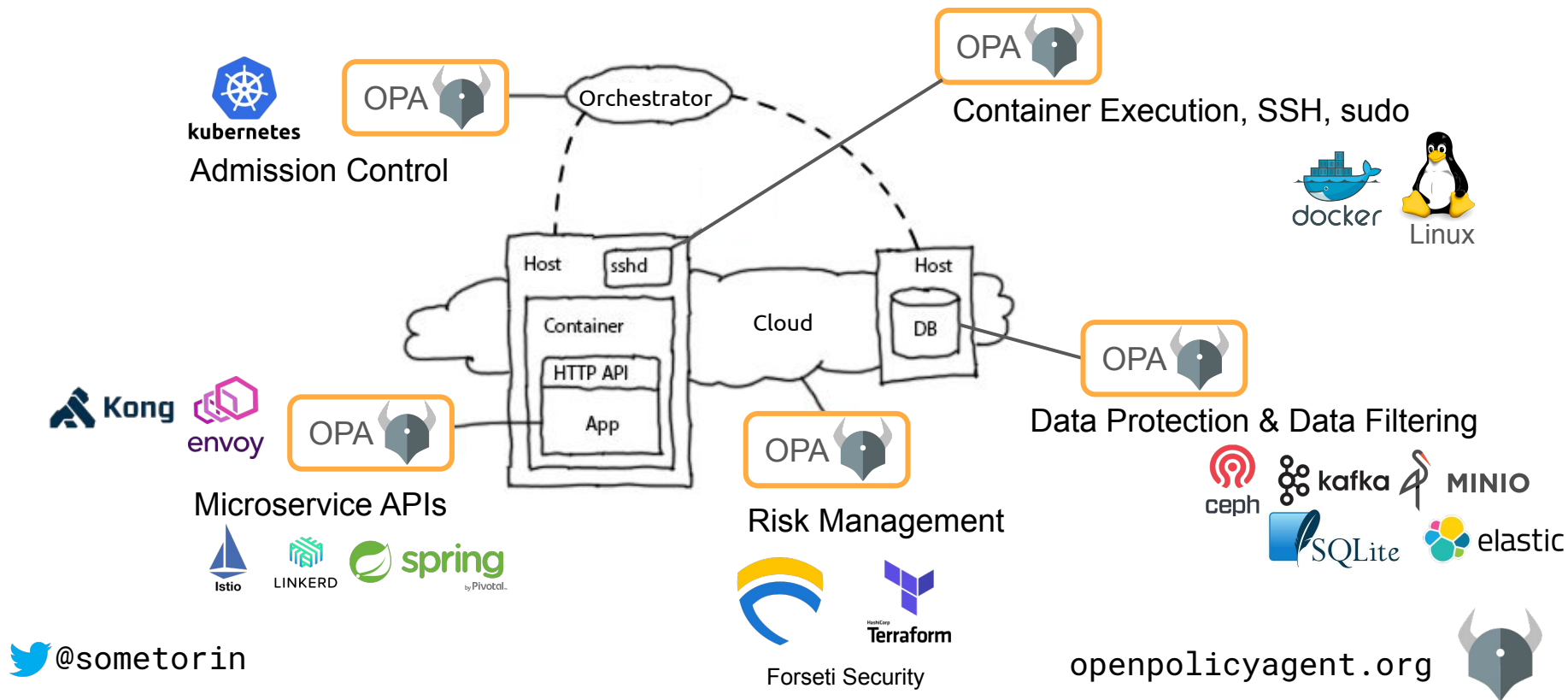
Example: Application

Obvious questions...

- How do you enforce new policies from infosec, compliance, or legal?
- How do you delegate control to your end-users?
- How do you roll-out policy changes?
- How do you leverage context, e.g., HR/User DB?
- How do you render UIs based on policy?
- How do you test your policies for correctness?
- What about 100+ services written in Java, Ruby, ...

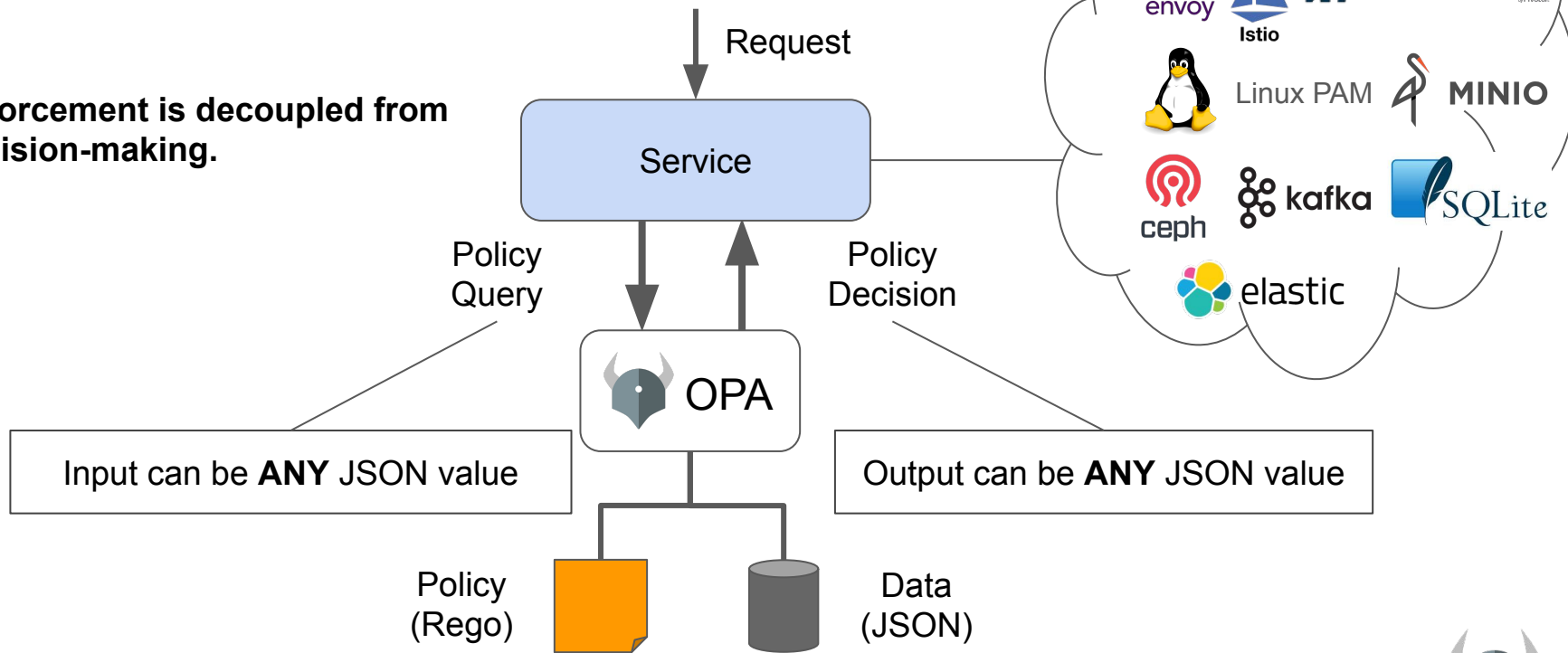


OPA: Unified Policy Enforcement Across the Stack



OPA: General-purpose Policy Engine

Enforcement is decoupled from decision-making.



Rate today's session

Cyberconflict: A new era of war, sabotage, and fear

David Sanger (The New York Times)
9:55am-10:10am Wednesday, March 27, 2019
Location: Ballroom

Secondary topics: Security and Privacy

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We're living in a new era of constant sabotage, misinformation, and fear, in which everyone is a target, and you're often the collateral damage in a growing conflict among states. From crippling infrastructure to sowing discord and doubt, cyber is now the weapon of choice for democracies, dictators, and terrorists.

David Sanger explains how the rise of cyberweapons has transformed geopolitics like nothing since the invention of the atomic bomb. Moving from the White House Situation Room to the dens of Chinese, Russian, North Korean, and Iranian hackers to the boardrooms of Silicon Valley, David reveals a world coming face-to-face with the perils of technological revolution—a conflict that the United States helped start when it began using cyberweapons against Iranian nuclear plants and North Korean missile launches. But now we find ourselves in a conflict we're uncertain how to control, as our adversaries exploit vulnerabilities in our hyperconnected nation and we struggle to figure out how to deter these complex, short-of-war attacks.

David Sanger
The New York Times

David E. Sanger is the national security correspondent for the *New York Times* as well as a national security and political contributor for CNN and a frequent guest on *CBS This Morning*, *Face the Nation*, and many PBS shows.

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Cyberconflict: A new era of war, sabotage, and fear

9:55 AM - 10:10 AM, Wed, Mar 27, 2019

Speakers



David Sanger
National Security Correspondent
The New York Times

📍 Ballroom

Keynotes

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