Red Hat and Containers

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- **Queensland government looks to open source for single sign-on project [4]**

  Red Hat Single Sign-On, which is based on the open source Keycloak project, and the Apollo GraphQL API Gateway platform will be the two key software components underpinning a Queensland effort to deliver a single login for access to online government services.

  Queensland is implementing single sign-on capabilities for state government services, including ?tell us once? capabilities that will allow basic personal details of individuals to be, where consent is given by an individual, shared between departments and agencies.

- **Red Hat Releases Open Source Project Quay Container Registry [5]**

- **Red Hat open sources Project Quay container registry [6]**

  Yesterday, Red Hat introduced the open source Project Quay container registry, which is the upstream project representing the code that powers Red Hat Quay and Quay.io. Open-sourced as a Red Hat commitment, Project Quay ?represents the culmination of years of work around

the Quay container registry since 2013 by CoreOS, and now Red Hat,? the official post reads.

Red Hat Quay container image registry provides storage and enables users to build, distribute, and deploy containers. It will also help users to gain more security over their image repositories with automation, authentication, and authorization systems. It is compatible with most container environments and orchestration platforms and is also available as a hosted service or on-premises.

- **Red Hat declares Quay code open [7]**

  Red Hat has open sourced the code behind Project Quay, the six year old container registry it inherited through its purchase of CoreOS.

  The code in question powers both Red Hat Quay and Quay.IO, and also includes the Clair open source security project which was developed by the Quay team, and integrated with the registry back in 2015.

  In the blog post announcing the move, Red Hat principal software engineer ? and CoreOS alumnus ? Joey Schorr, wrote, ?We believe together the projects will benefit the cloud-native community to lower the barrier to innovation around containers, helping to make containers more secure and accessible.?

- **New Open Source Offerings Simplify Securing Kubernetes [8]**

  In advance of the upcoming KubeCon 2019 (CyberArk booth S55), the flagship event for all things Kubernetes and Cloud Native Computing Foundation, CyberArk is adding several new Kubernetes offerings to its open source portfolio to improve the security of application containers within Kubernetes clusters running enterprise workloads.

- **Java Applications Go Cloud-Native with Open-Source Quarkus Framework [9]**

  "With Quarkus, Java developers are able to continue to work in Java, the language they are proficient in, even when they are working with new, cloud-native technologies," John Clingan, senior principal product manager of middleware at Red Hat, told IT Pro Today. "With memory utilization measured in 10s of MB and startup time measured in 10s of milliseconds, Quarkus enables organizations to continue with their significant Java investments for both microservices and serverless."

  Many organizations have been considering alternative runtimes to Java, like Node.js and Go, due to high memory utilization of Java applications, according to Clingan. In addition, Java?s

startup times are generally too slow to be an effective solution for serverless environments. As such, Clingan said that even if an organization decided to stick with Java for microservices, it would be forced to switch to an alternative runtime for serverless, or functions-as-a-service (FaaS), deployment.

- **Styra Secures $14M in Funding Led by Accel to Expand Open Source and Commercial Solutions for Kubernetes/Cloud-native Security [10]**

  New technology?like Kubernetes, Containers, ServiceMesh, and CICD Automation?speed application delivery and development. However, they lack a common framework for authorization to determine where access should be allowed, and where it should be denied. Styra?s commercial and open source solutions?purpose-built for the scale of cloud-native development?provide this authorization layer to mitigate risk across cloud application components, as well as the infrastructure they are built upon.

Red Hat Server OSS

Source URL: http://www.tuxmachines.org/node/130607

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