

Resource Federation: Why and How with Mixmatch

Abstract

Resource federation enables multiple deployments of OpenStack appear to users as a single cloud, the benefits of which include defense-in-depth, incremental upgrades, organizational autonomy, geographical distribution, fault tolerance, and more. It is the foundation of the Open Cloud eXchange model of the Massachusetts Open Cloud.

Users can select which deployments are used for which resources and seamlessly share and consume resources across the deployments.

Presenter

Kristi Nikolla is a software engineer for the Massachusetts Open Cloud. Besides leading the Mix&Match project, Kristi is working on upstream development of OpenStack with a focus on the Identity service (keystone) where he is a core reviewer. Kristi received an MS in Computer Science from Boston University in 2016.