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May 2018

Qinling Project Update

OpenStack Summit Vancouver
Lingxian Kong

What is Qinling('tʃinliŋ')?

❖ Function-as-a-Service

❖ Launched by Catalyst Cloud in 2017

❖ Approved in the end of Queens dev cycle

Current Features

❖ Runtime/Function/Execution/Job/Webhook

❖ Runtime: Python, Node.JS(experimental)

❖ Function type: Code/Swift/Image

❖ Sync/Async function execution

❖ Autoscaling

❖ Function scale up/scale down

❖ Admin useful actions: function detach, get workers

❖ python-qinlingclient

OpenStack Rocky

❖ Documentation improvement

❖ Function versioning

❖ Secure connection with K8S

❖ Resource limitation

Beyond Rocky

❖ Doc, Doc, Doc!

❖ Send usage notification

❖ Function Aliases

❖ Function tag

❖ Qinling horizon plugin

❖ Retries/Error handling

❖ Advanced autoscaling

❖ CloudEvent integration

❖ Serverless platform integration

How to give feedback

❖ IRC: #openstack-qinling

❖ openstack-dev@lists.openstack.org [Qinling]

❖ StoryBoard: https://storyboard.openstack.org/#!/project/927

❖ Lingxian Kong <anlin.kong@gmail.com>

Qinling - Project Onboarding

11:00am-11:40am

Level Two - Room 223

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Q&A

Thank you!

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