2021-06-08 - ONAP: CDS and Terraform for Multi-Domain Orchestration and Interconnection of Cloud and Edge

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Topic Leader(s)

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Topic Overview

30m, Vivekanandan Muthukrishnan

Most practical deployments of edge infrastructure and applications are hybrid in nature, where an application deployed at the edge often needs to access services residing in the core cloud. In addition, there is a need for efficient and performant interconnection between edge and cloud as well as between the distributed edges proximal to end users. However, each individual service domain (e.g. edge, cloud, network fabric) often presents their own specific APIs and/or other provisioning methods (e.g. CLI), thus making end-to-end deployment challenging both in complexity and in time. Therefore a multi-domain orchestration solution is required to handle edge, cloud and interconnection in a uniform and consistent manner. Terraform is rapidly emerging as a common way to orchestrate and configure services rather than having to deal with APIs for each different domain: public or private cloud, edge and interconnection. In this presentation and hands-on demo, Equinix and Aarna Networks will show how an end-to-end application can be deployed, configured and interconnected between the edge and core clouds by using ONAP/CDS orchestration in combination with Terraform.

Slides & Recording

> **YouTube**
>
> LFN-June-2021-D...raform-Demo.pdf
>
> - Slides

Agenda

Awesome presentation

- Point 1
- Point 2

Minutes

Action Items

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