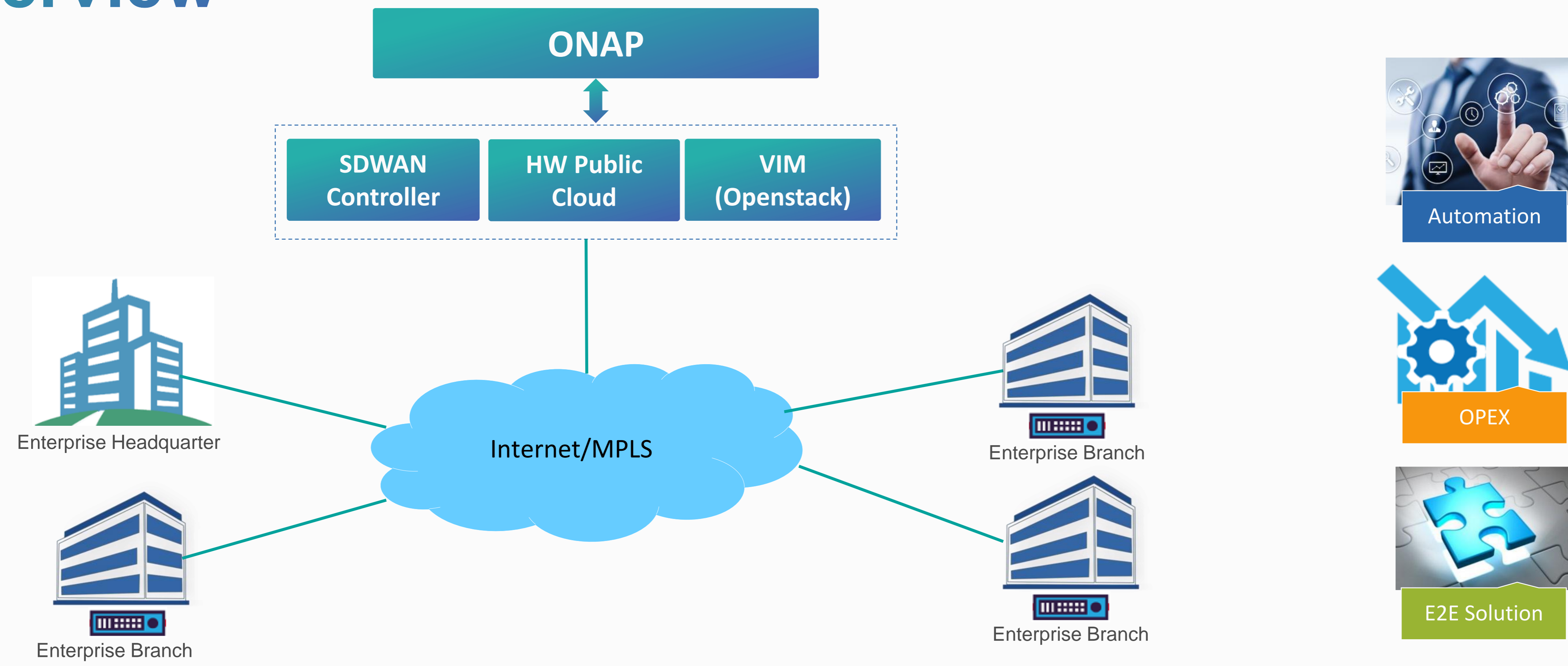


# ONAP Orchestrated SDWAN & Edge

HUAWEI TECHNOLOGIES CO. LTD.

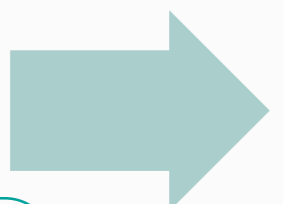


# Overview



## Service Design

- E2E service modelling including SDWAN & Edge
- BPMN/DG/Closed loop design.



## Service Provisioning

- E2E service provisioning including SDWAN & Edge
- Zero touch provisioning of new Site.



## Plug & Play

- CPE Plug & Play
- Edge Plug & Play
- Camera Plug & Play



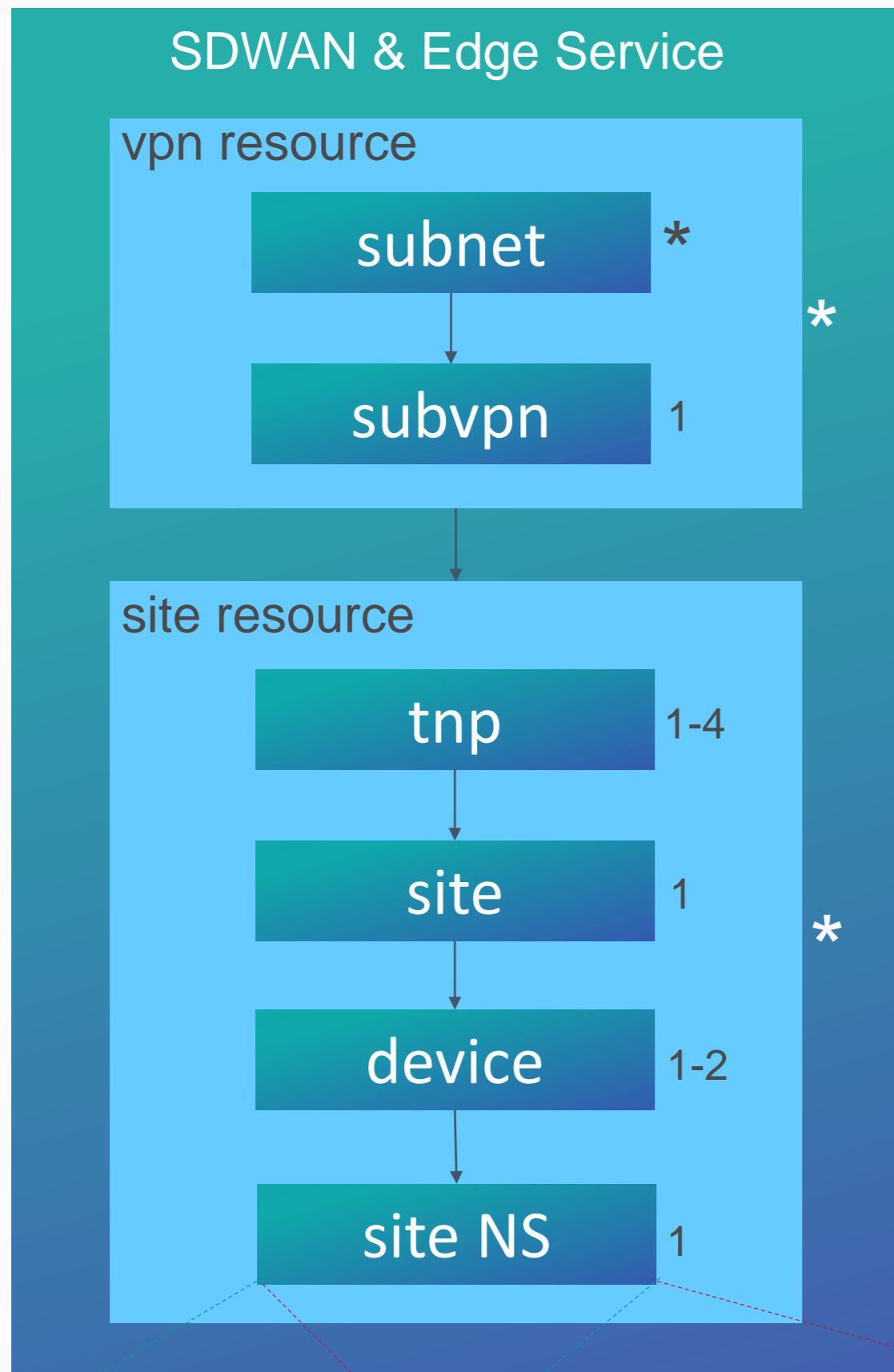
## Service Assurance

- Cross domain link fault recovery
- Service Quality assurance via bandwidth on demand

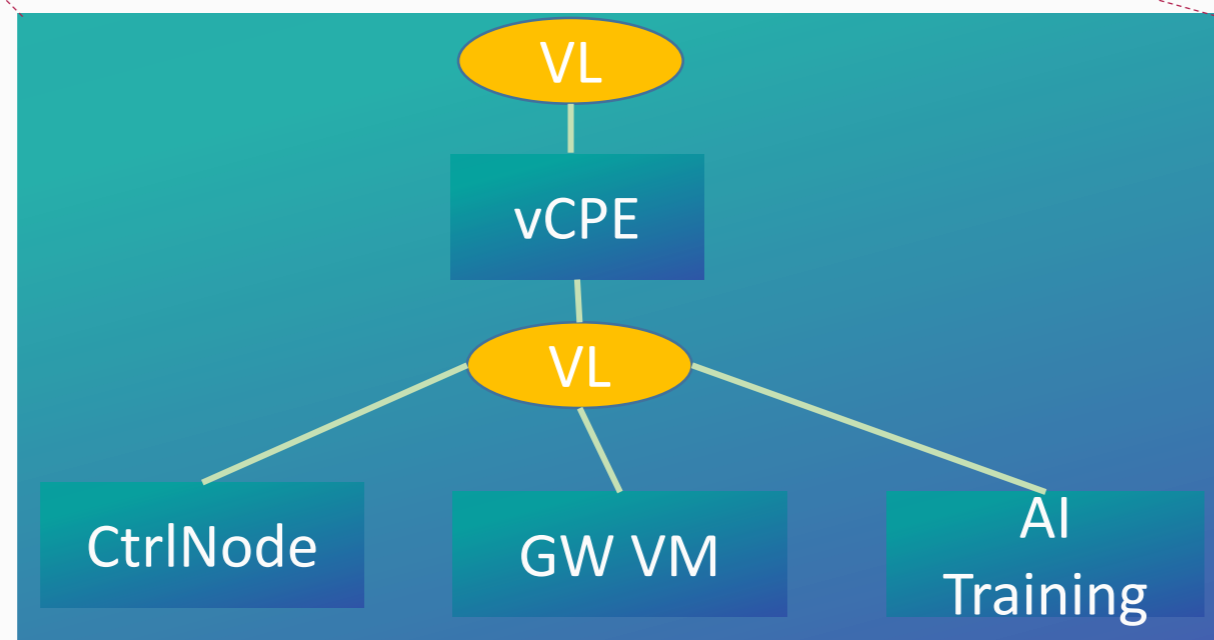
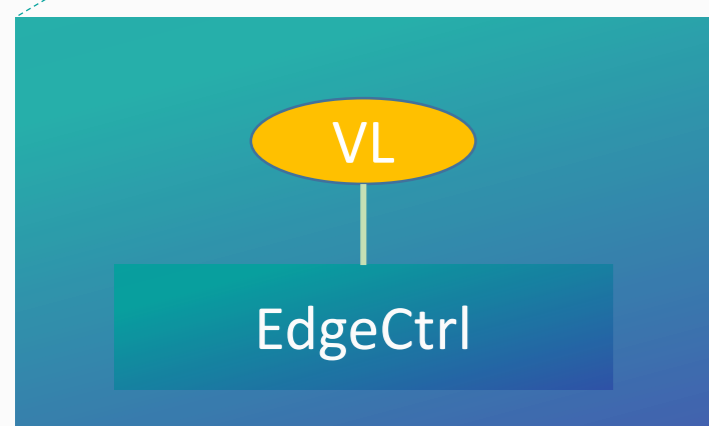
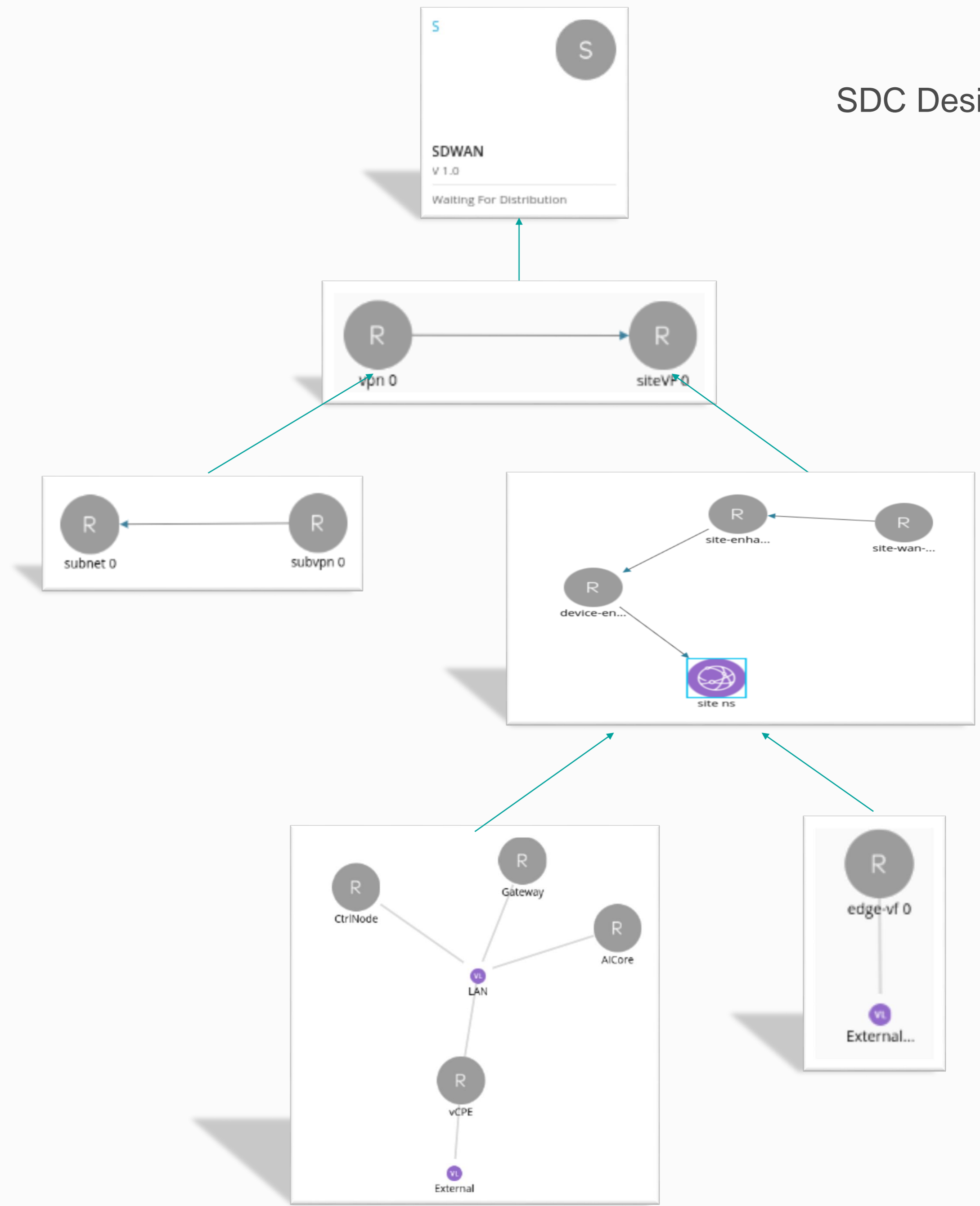


# Service Design

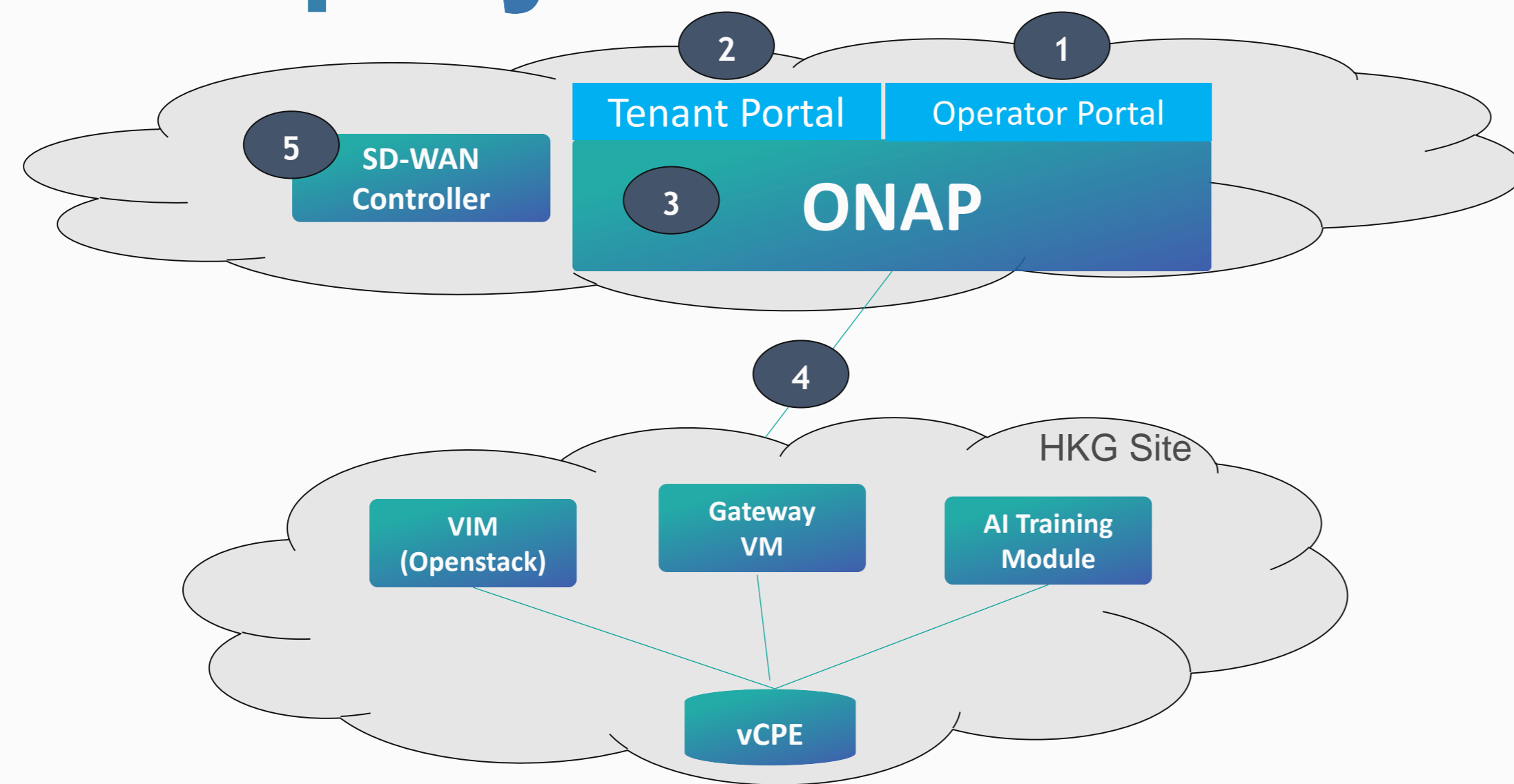
Model



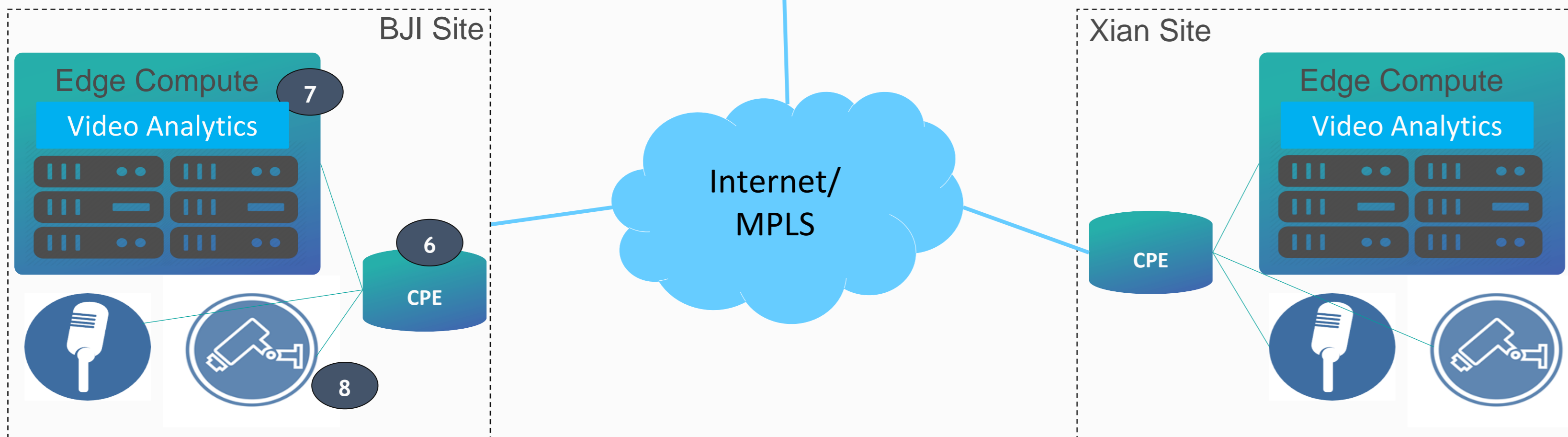
SDC Design



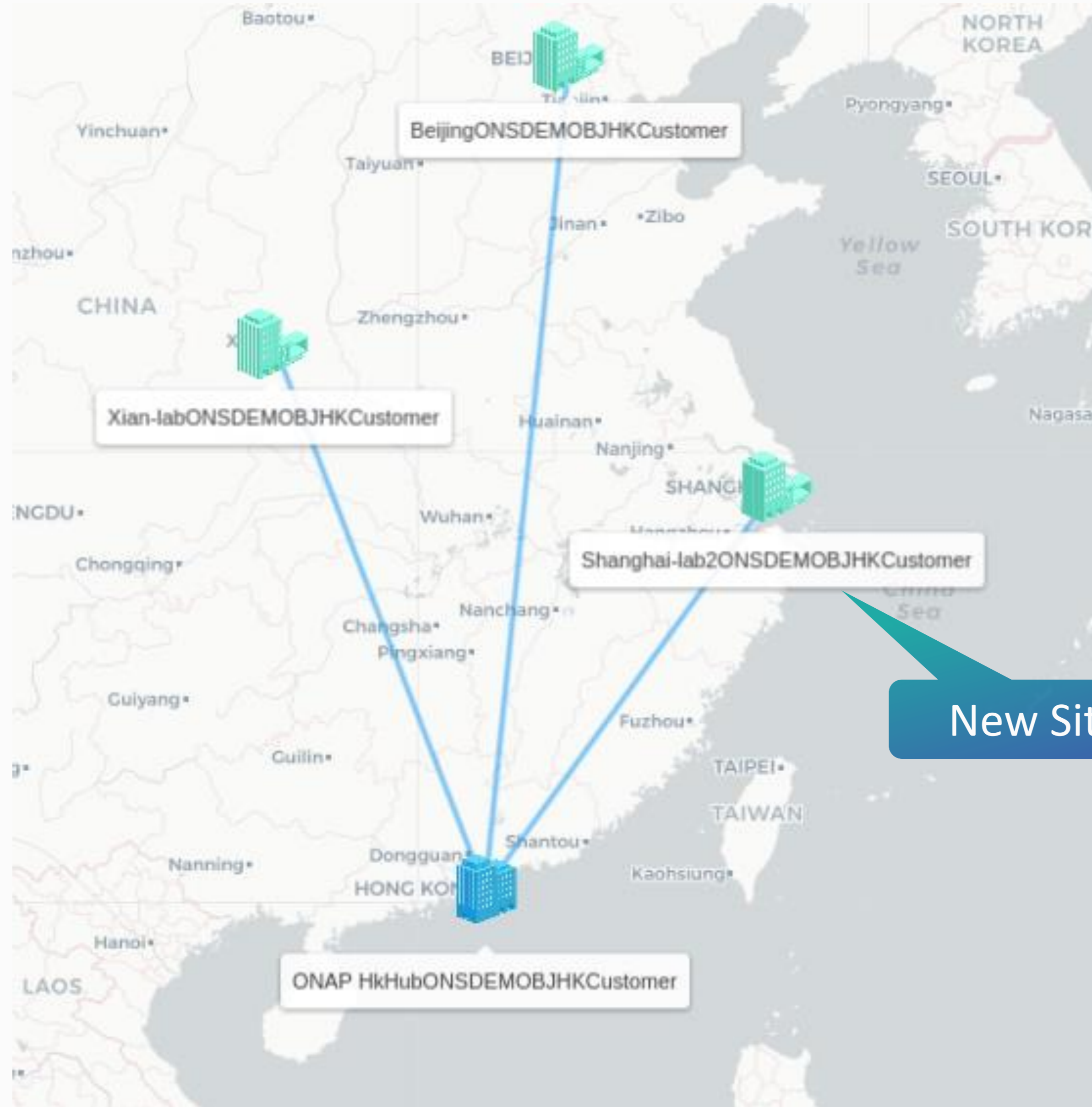
# Service Deployment



- 1 Service provider Supply Models/DGs/BPMNs
- 2 Tenant Buy Service
- 3 UI Sent Service Provisioning request to SO
- 4 ONAP Create Public Cloud NS
- 5 ONAP Call SD-WAN Controller to Create SD-WAN Network
- 6 Physical CPE Plug and Play, AC Inform to ONAP Site Online
- 7 Activate Edge. ONAP Create Edge NS
- 8 Camera & Echo PnP



# Demo Plan



## Demo Objectives:

1. Auto provisioning of a “new” site including SDWAN & Edge resources.
2. Service Assurance with BoD closed loop.

Order a new site

CPE Plug & Play

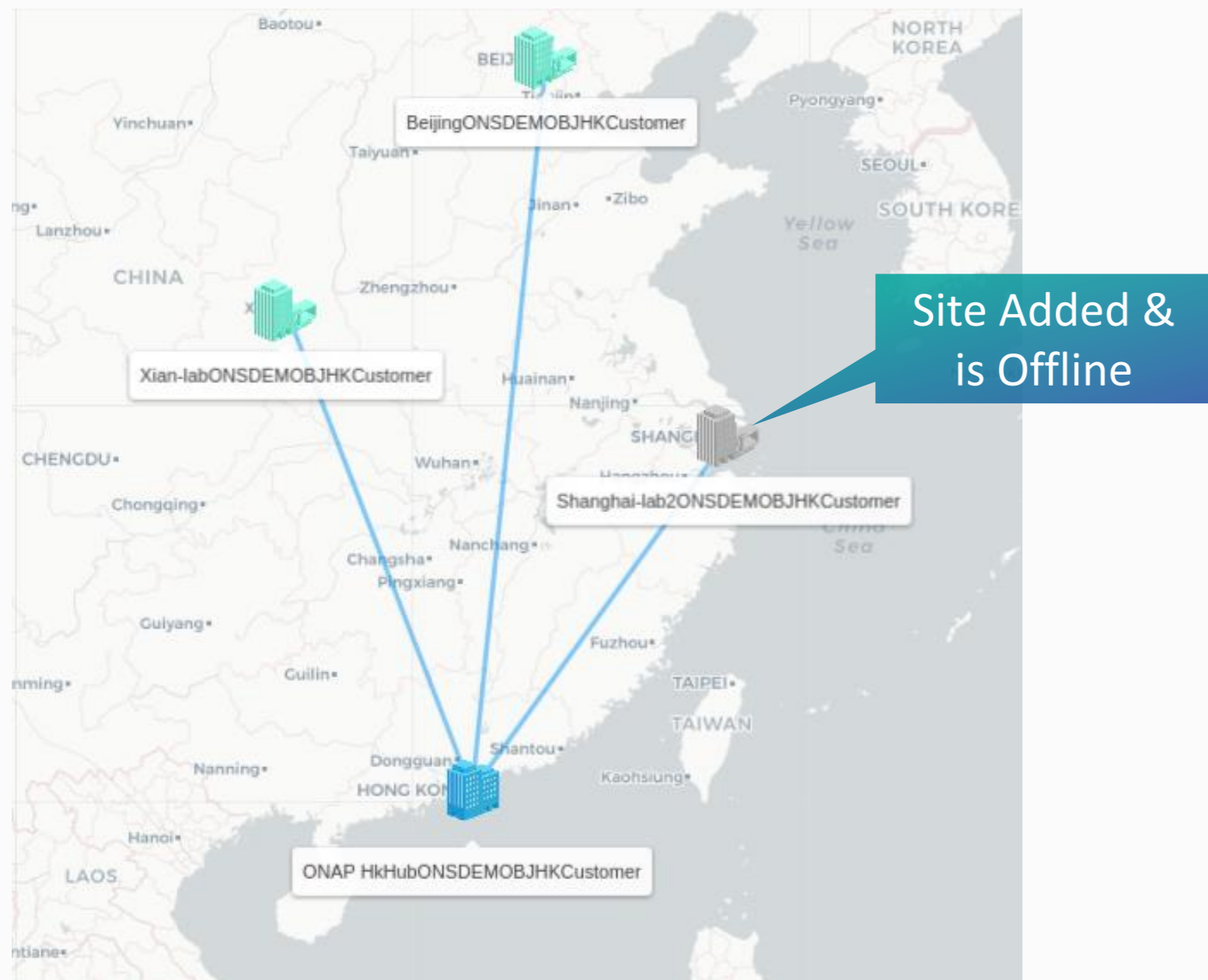
Activate an Edge

Camera Plug & Play

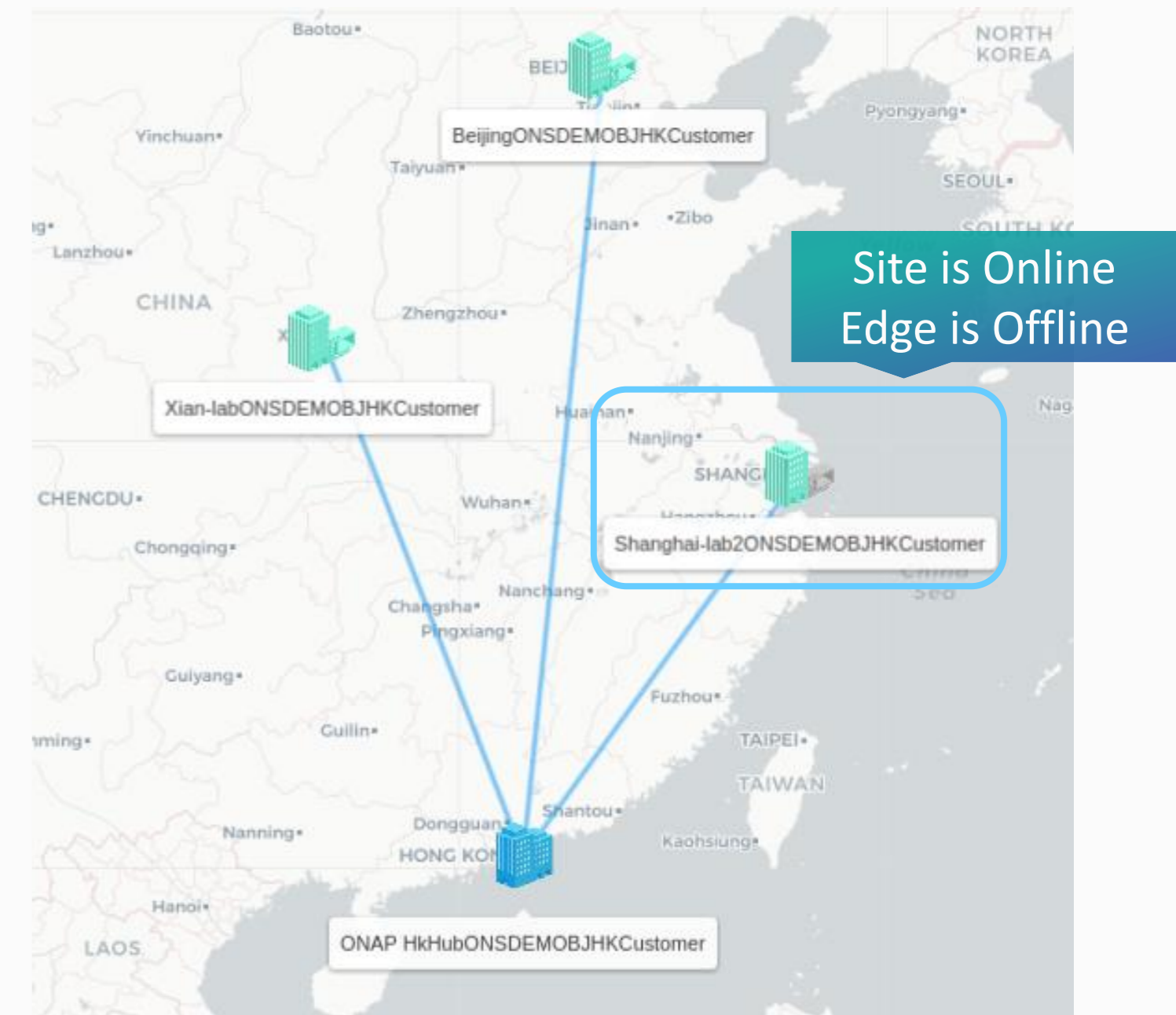
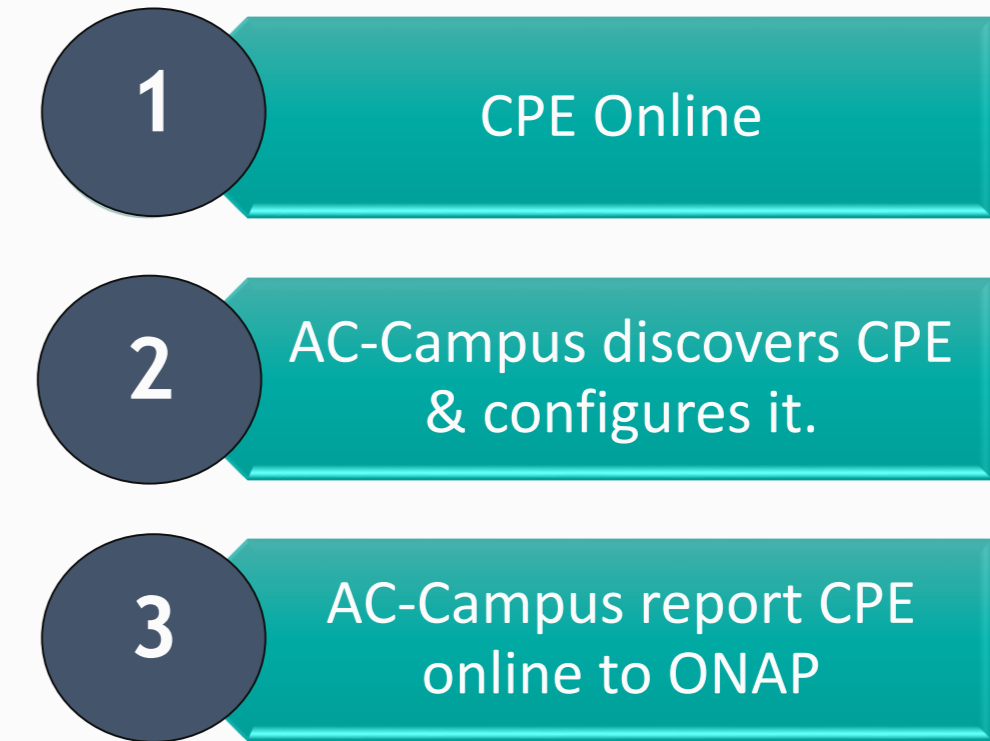
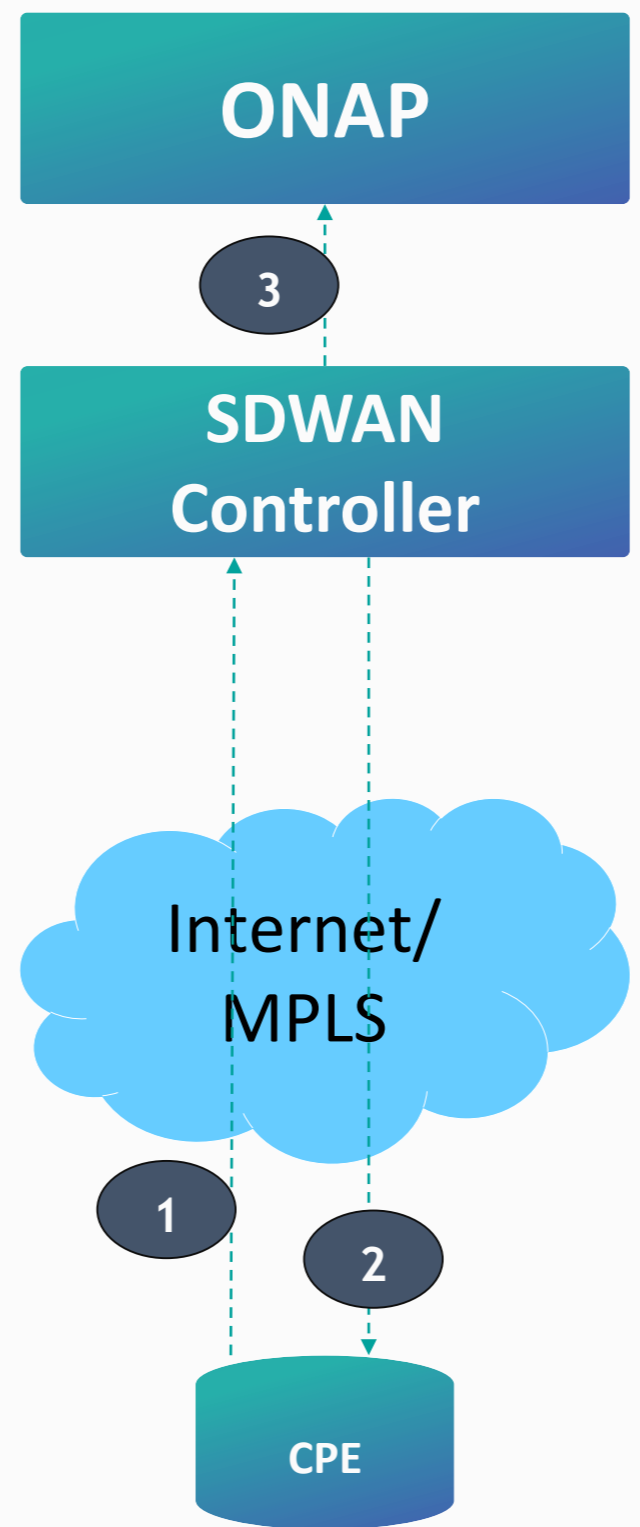
Design & Deploy BoD Closed Loop



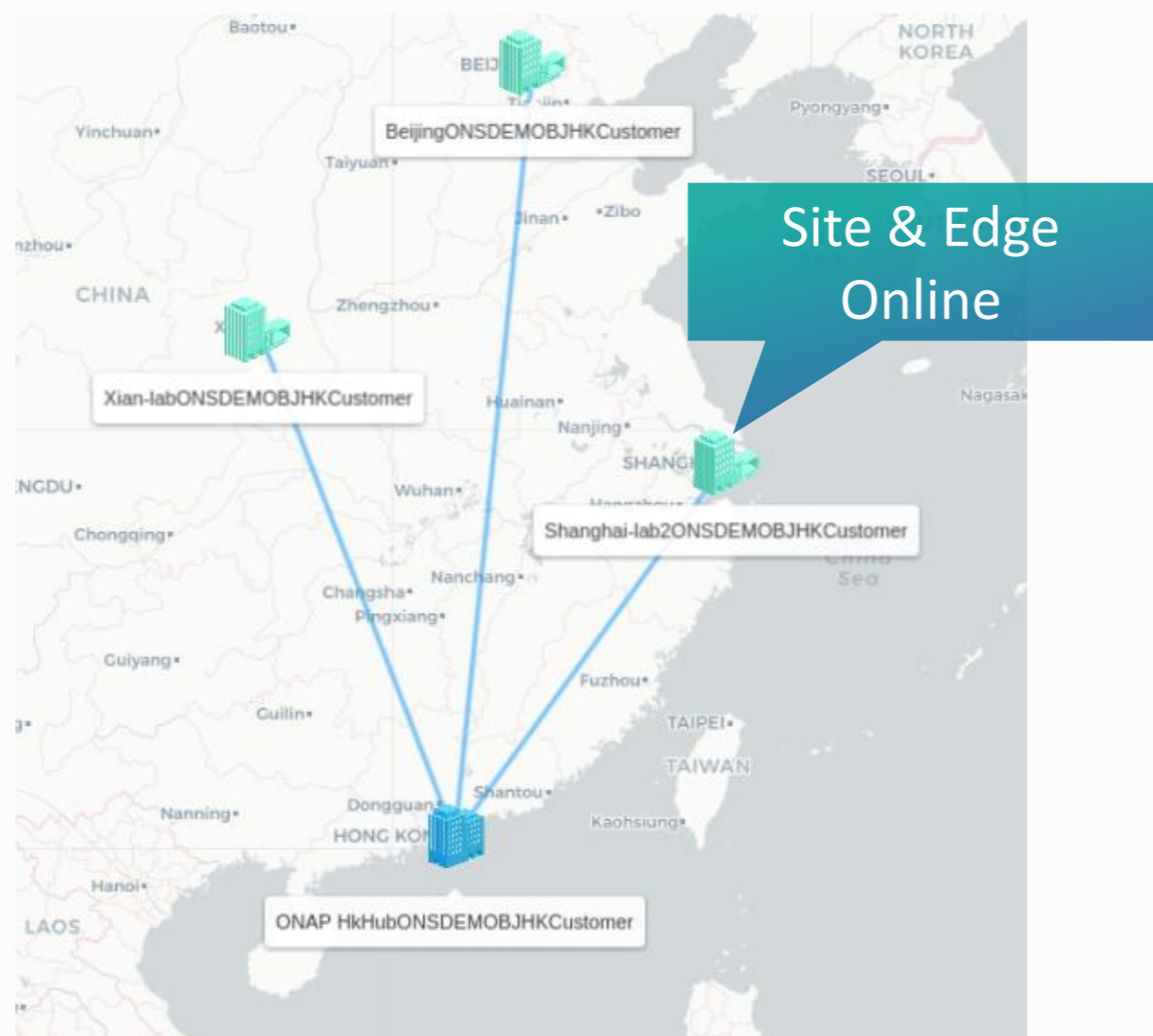
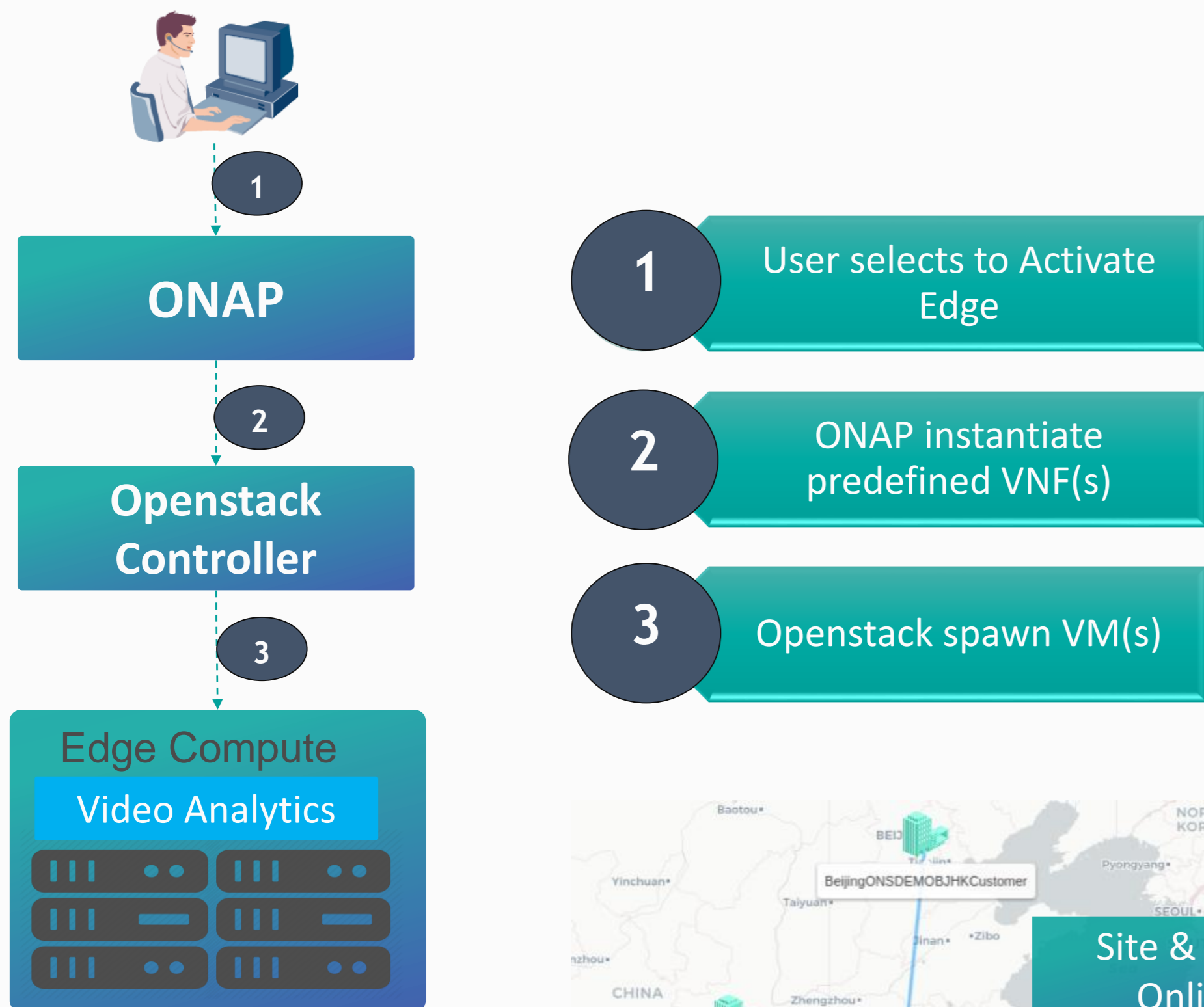
# Demo 1: Service Provisioning (Add Site)



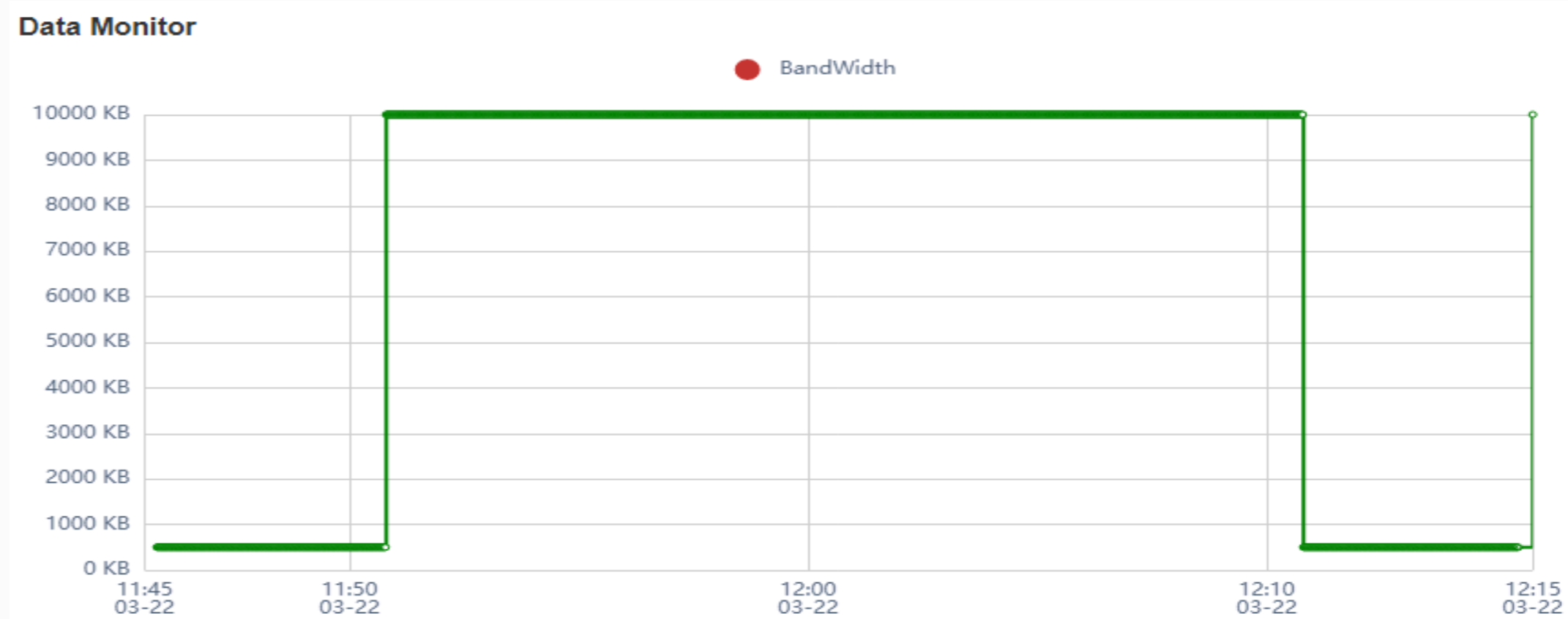
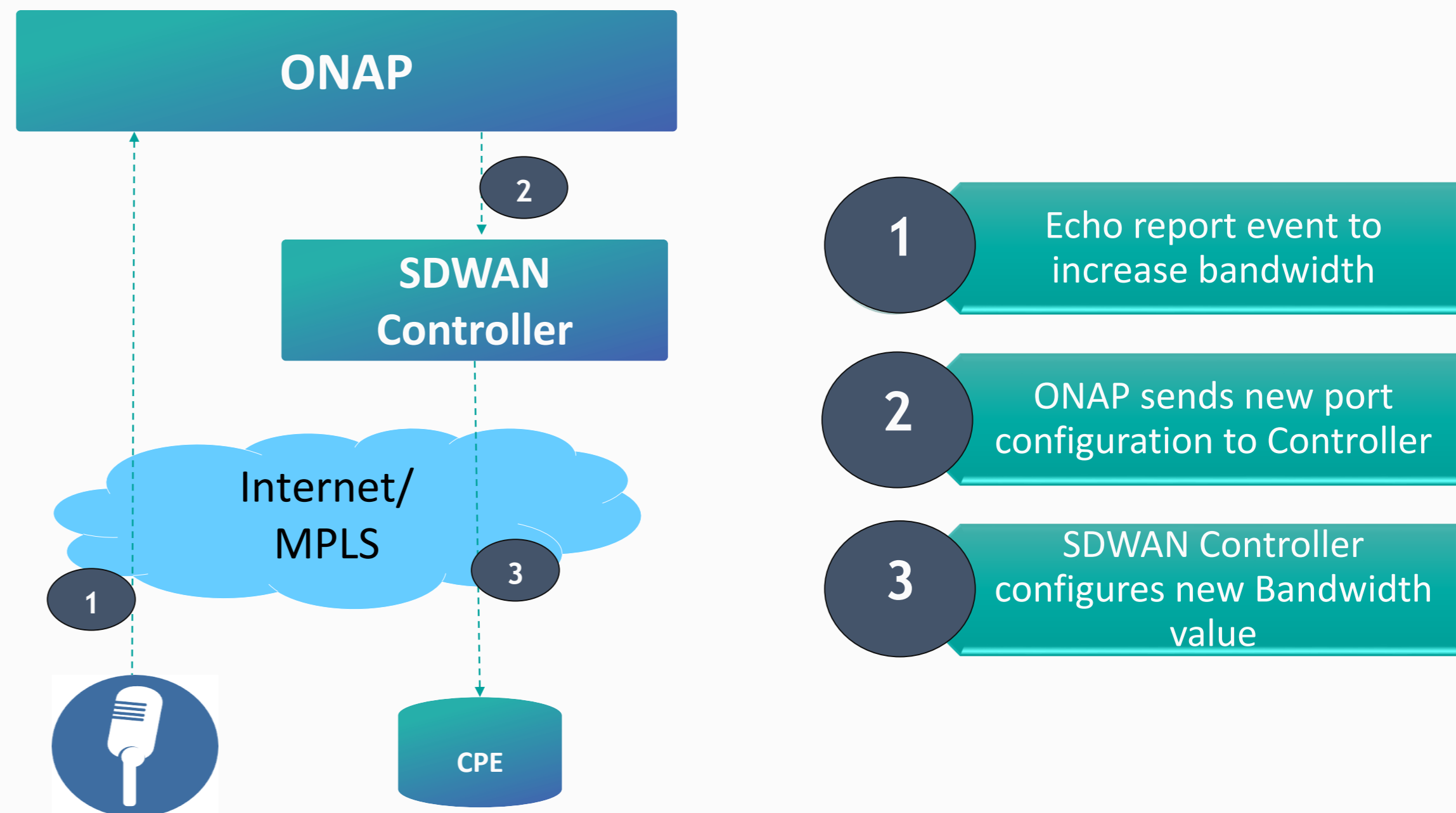
# Demo 2: CPE PnP



## Demo 3: Activate Edge



## Demo 4: Bandwidth on Demand



# Thank You

Contact:

*Kalyankumar Asangi k70172*

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