

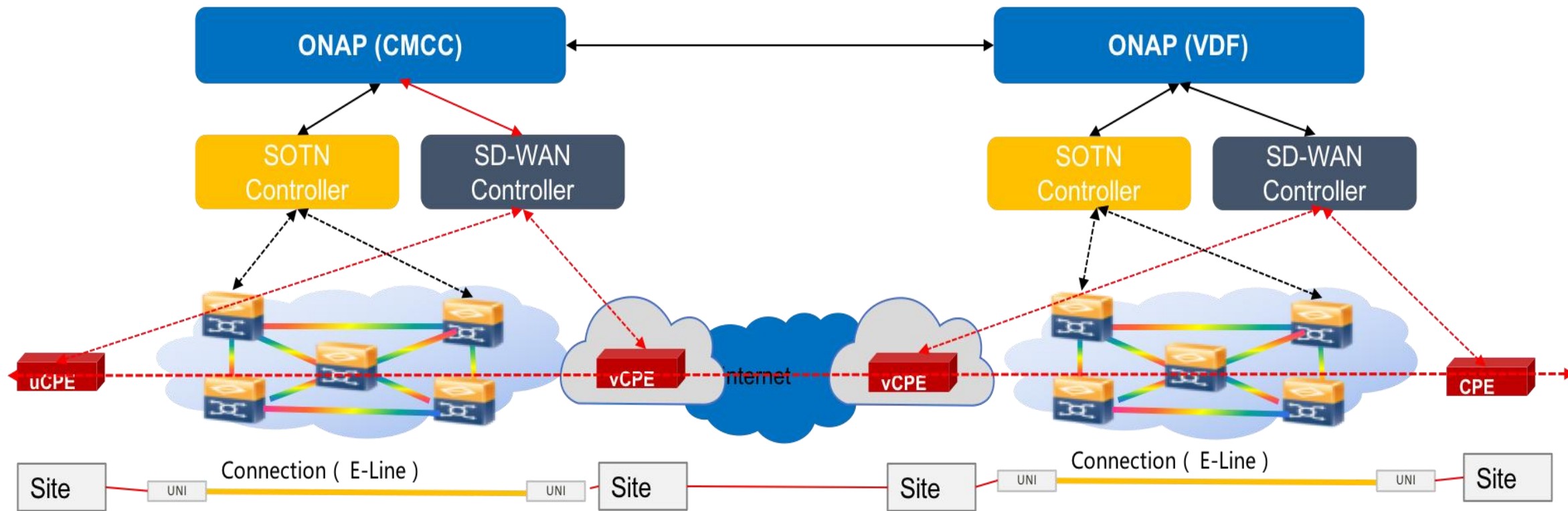


CCVPN use case proposal

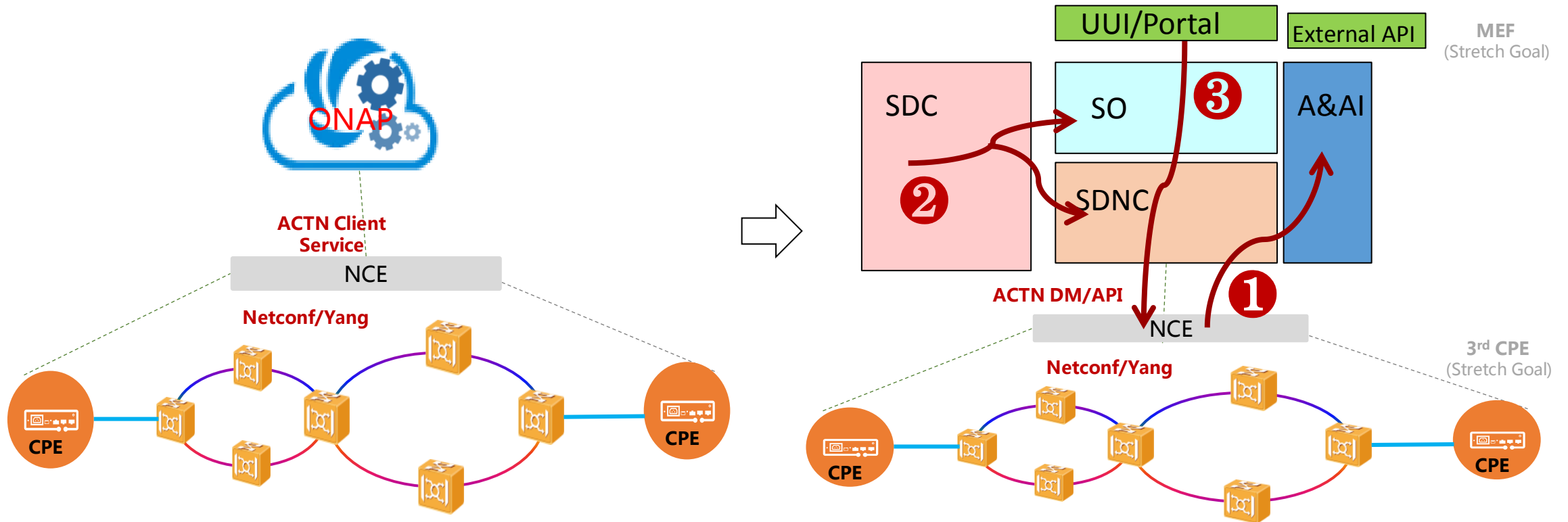
Agenda

- CCVPN UseCase
- Architecture & Model proposal
- GUI & Future plan

CCVPN UseCase proposal



Phase1: network and proposal

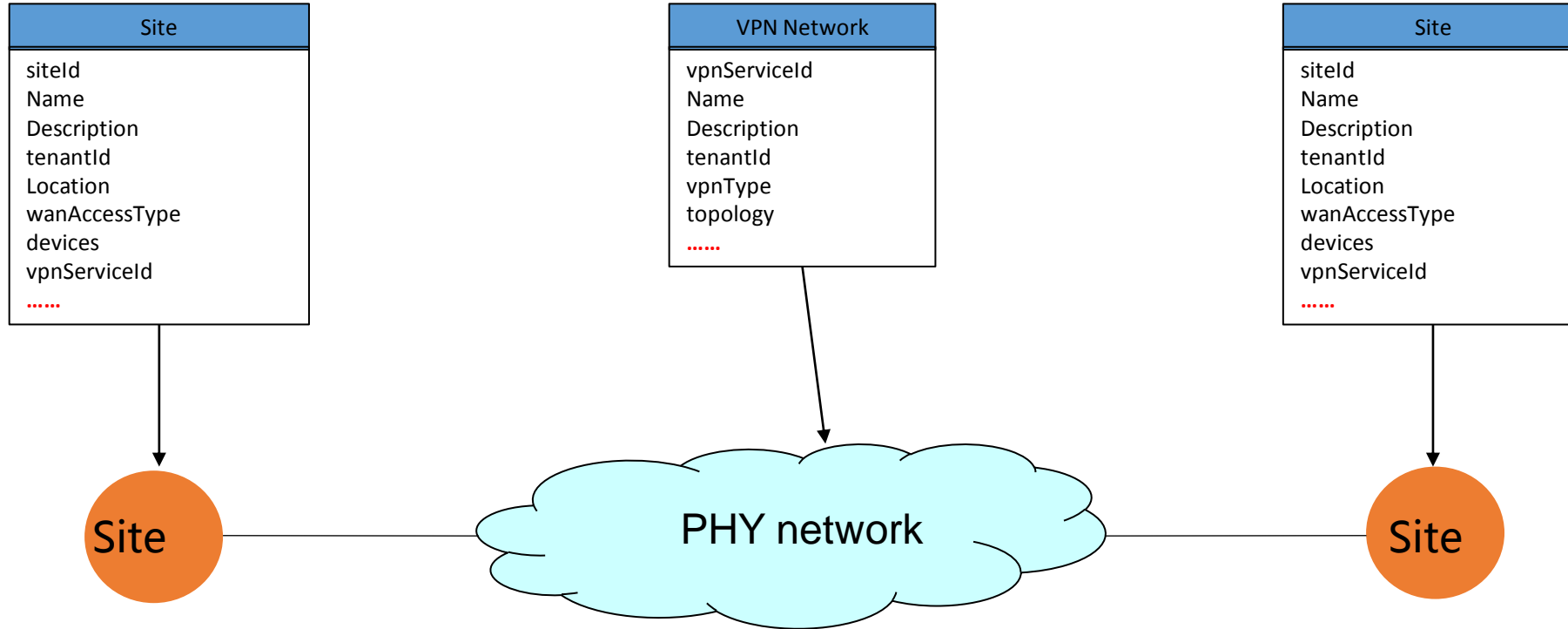


Agenda

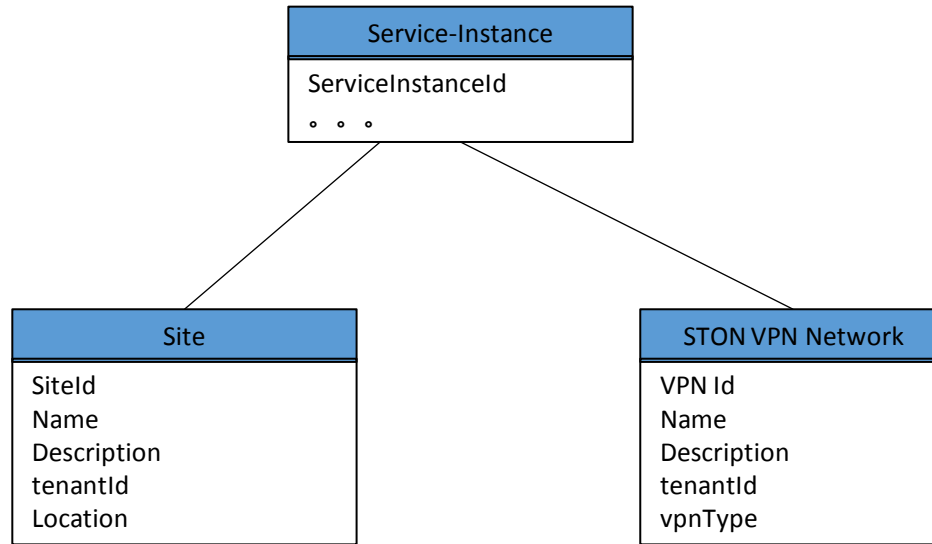
- CCVPN UseCase
- **Architecture & Model proposal**
- GUI & Future plan

CCVPN ONAP DM proposal for resource in SDC

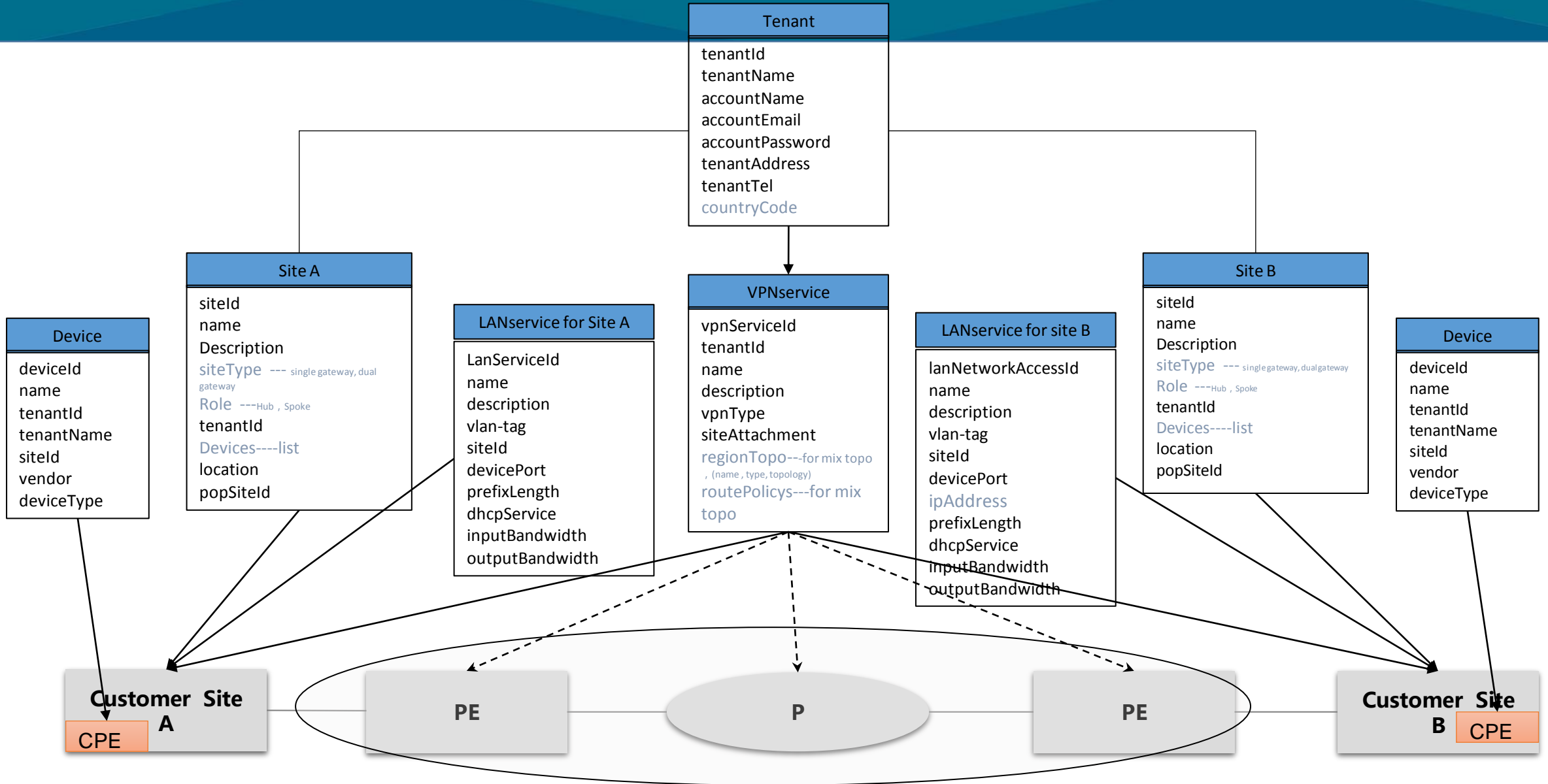
TODO: more parameter to be updated



DM in A&AI



DM Proposal in Phase II (support SD-WAN controller or more than one domain controller)



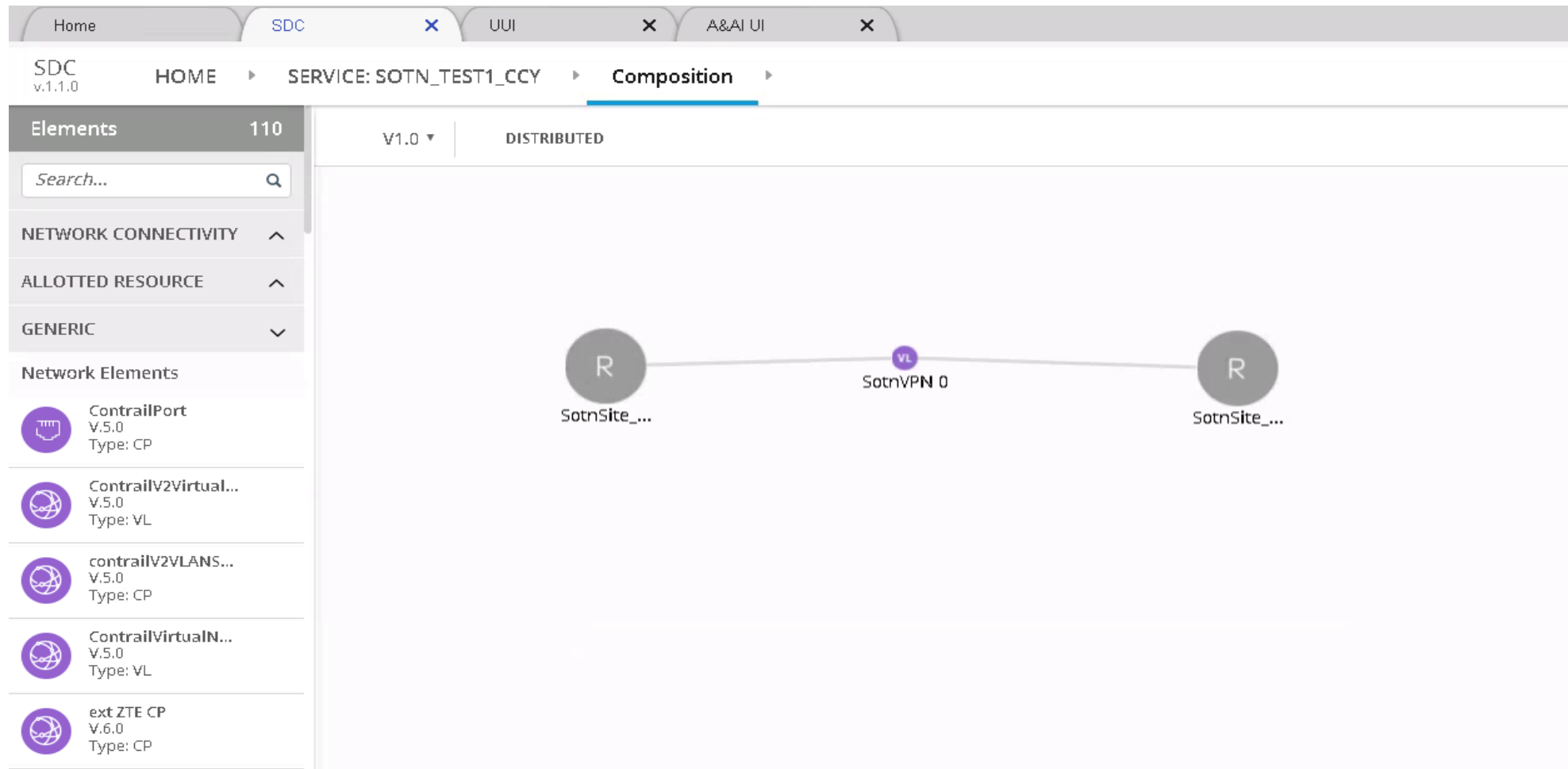
Agenda

- CCVPN UseCase
- Architecture & Model proposal
- GUI & Future plan

New resource catalog in SDC: Site /VPN resource

The screenshot shows the ONAP SDC portal interface. The browser address bar displays `portal.api.simplesdemo.onap.org:8989/ONAPPORAL/applicationsHome`. The page header includes the ONAP logo and navigation links for 'Manage' and 'Support'. Below the header, there are tabs for 'Home' and 'SDC'. The main content area is titled 'SDC v.1.2.0-SNAPSHOT' and 'HOME'. A 'Create new resource' button is visible, which has opened a dropdown menu. The menu is organized into several categories: 'Generic' (Rules, Infrastructure, Abstract, Network Elements, Database), 'Network Connectivity' (Connection Points, Virtual Links), 'Network L2-3' (Infrastructure, Router, WAN Connectors, LAN Connectors - highlighted), and 'Network L4+' (Common Network Resources). There is also a 'Template' section with 'Base Monitoring Template' and 'Monitoring Template'. At the bottom of the menu is a 'Select category' dropdown. The background of the page shows a 'General' resource form with fields for 'Contact ID' (cs0008), 'Vendor', and 'Vendor Release'. A sidebar on the left contains a navigation menu with items like 'Deployment Artifact', 'Information Artifact', 'TOSCA Artifacts', 'Composition', 'Operation', 'Activity Log', and 'Deployment'.

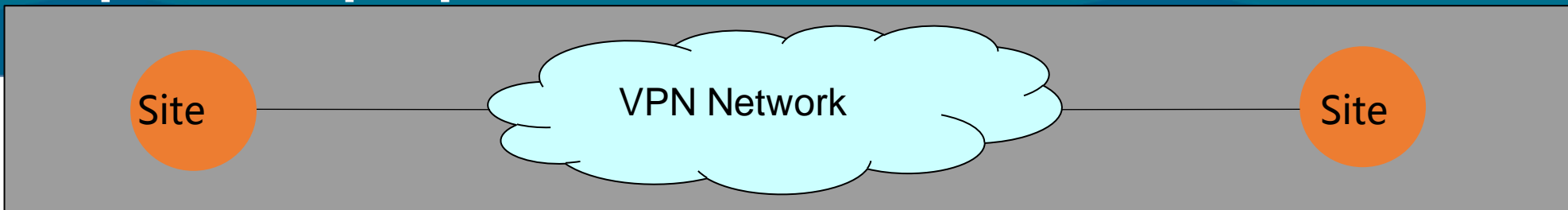
Sample in SDC Service Design



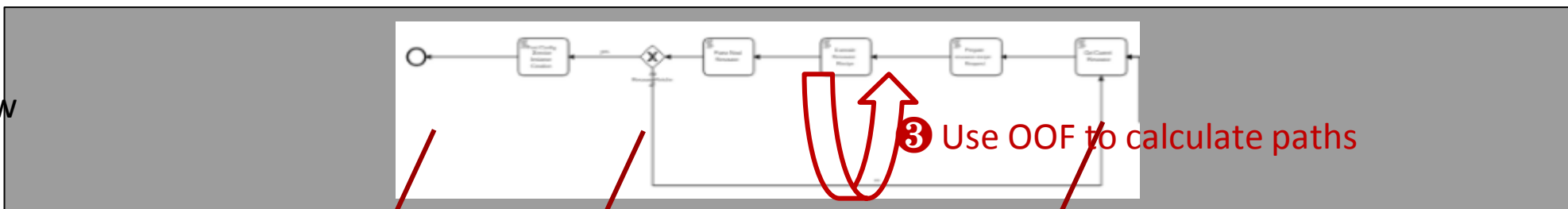
How to model VPN for Physical network(VL?), how to model Site(VF?), should we introduce new catalog type?

CCVPN ONAP process proposal

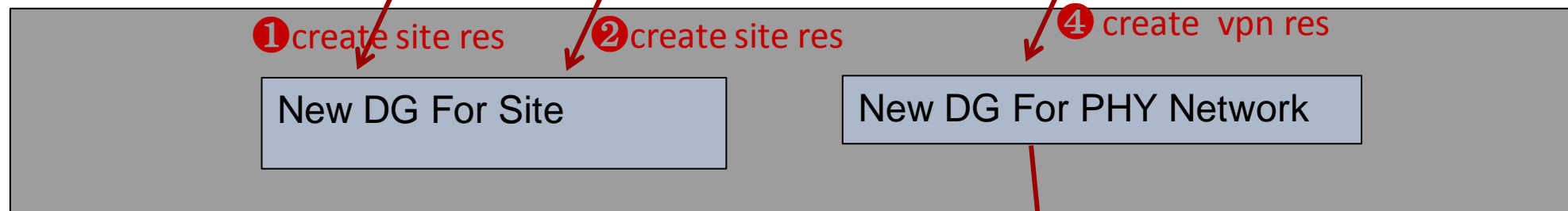
SDC Service



SO BPMN Workflow

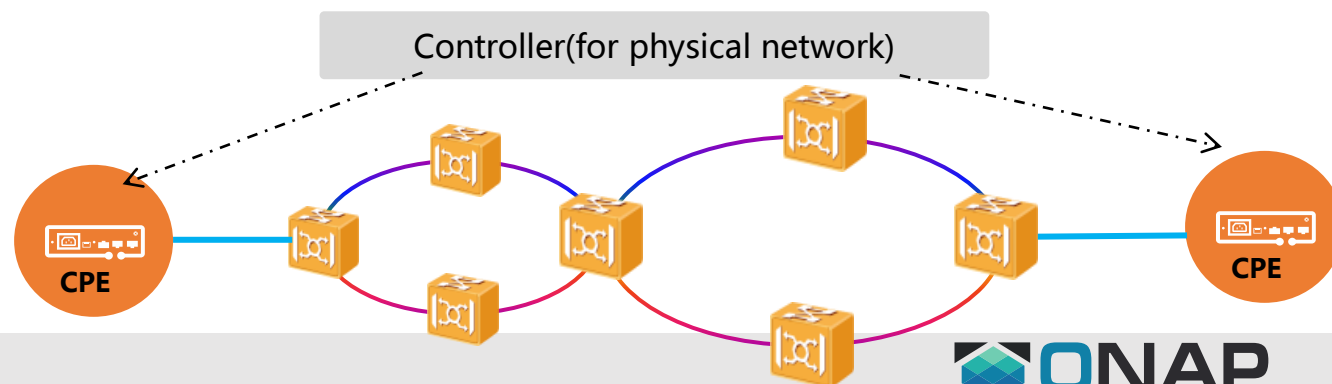


SDNC DG



New DG For Site: Only Save The Site instance to AAI

New DG For Network: Call PHY Controller to create CCVPN Service, And Insert The VPN Network Resource instance to AAI. Upload abstract node for the physical network from controller





ONAP

OPEN NETWORK AUTOMATION PLATFORM