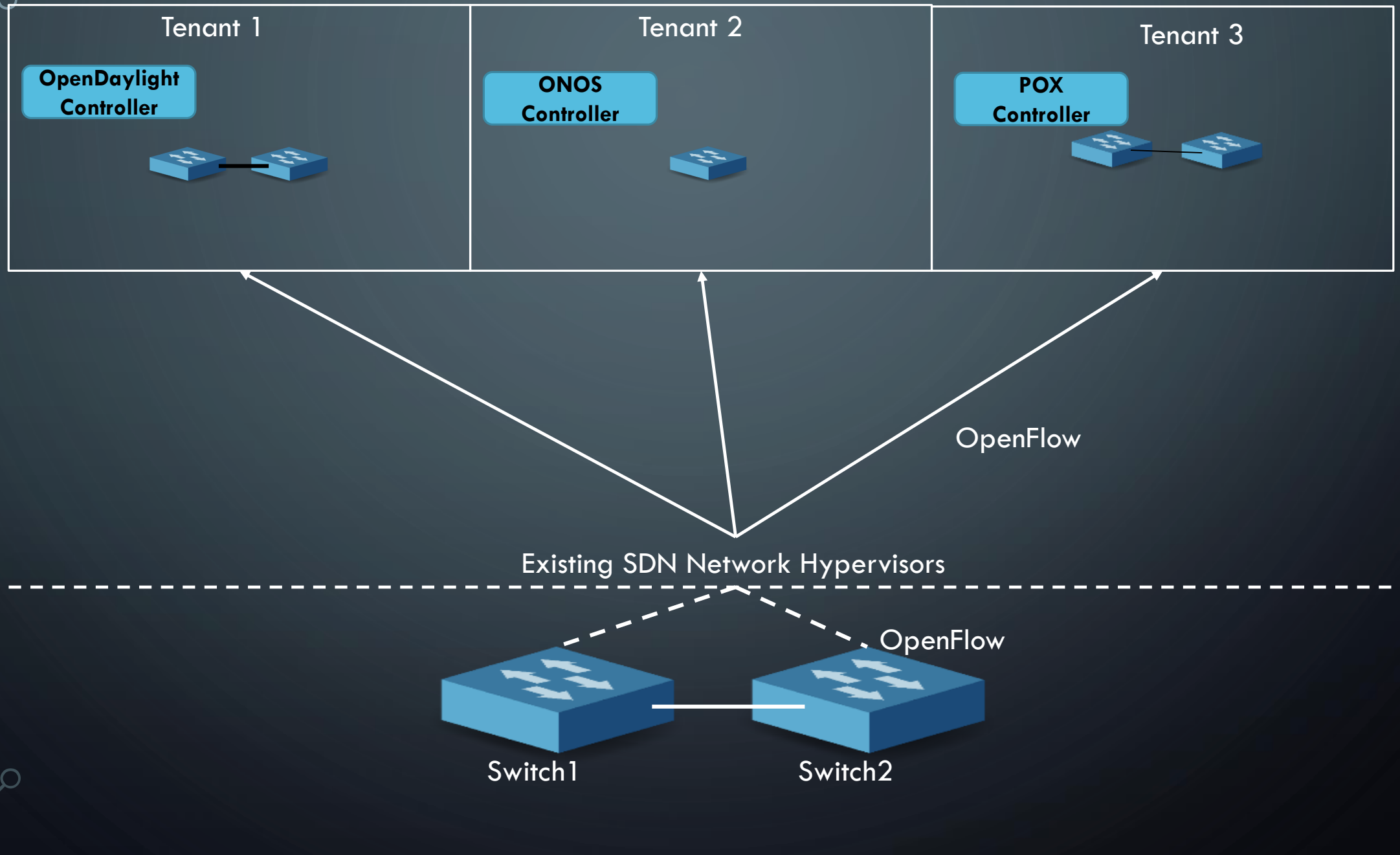
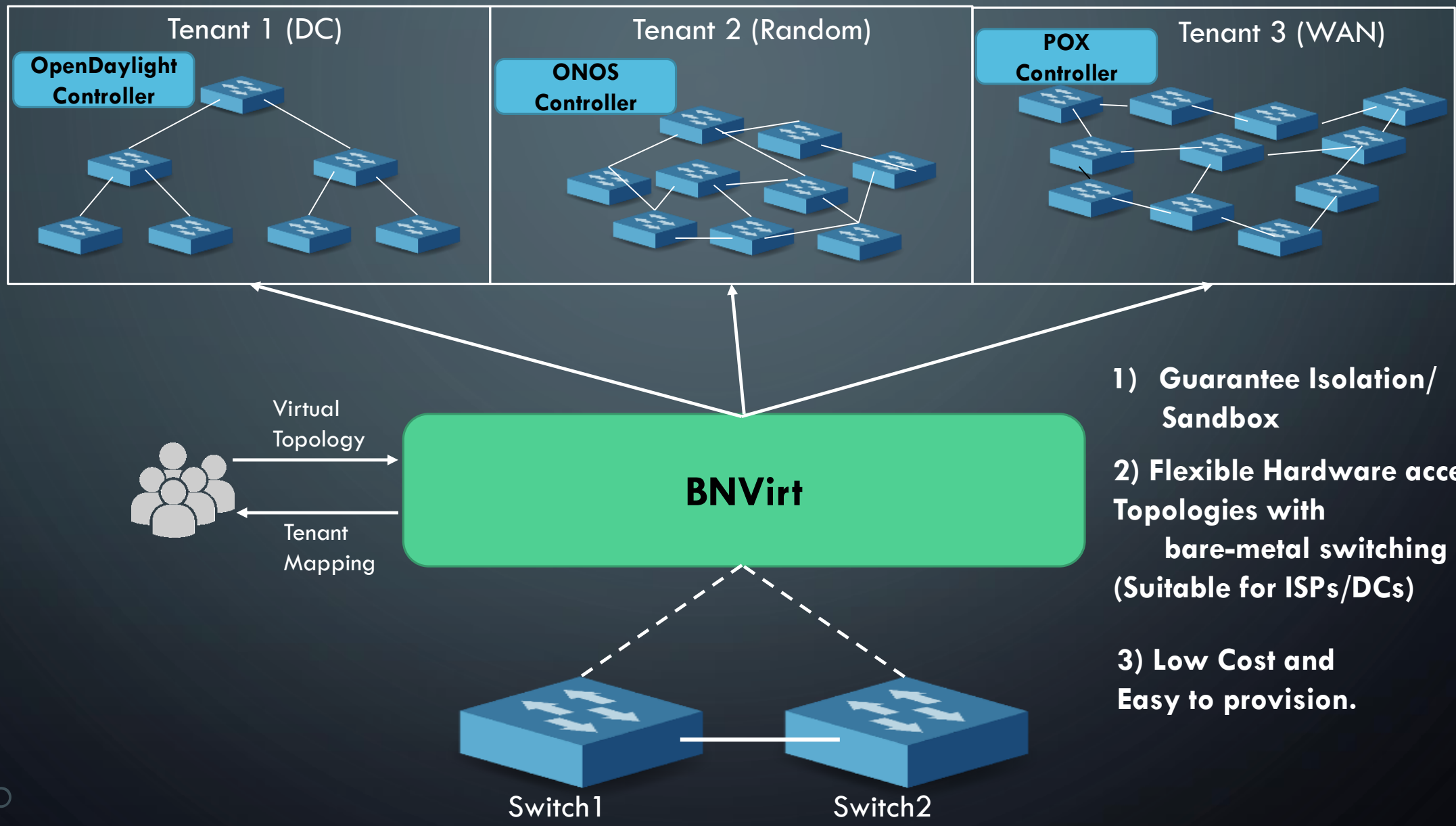
BNVirt

Bare Metal Network Virtualization

Software Defined Networking Is Happening!!

amazon
web services™
Microsoft
Azure
Google Cloud Platform
ORACLE® Cloud
IBM Cloud
Alibaba Cloud
NTT Communications
Transform. Transcend.
at&t
CenturyLink™
Orange Cloud
INTERNAP®
packet
rackspace®


Tenant 1
OpenDaylight Controller
Tenant 2
ONOS Controller
Tenant 3
POX Controller
OpenFlow
Existing SDN Network Hypervisors
OpenFlow
Switch1
Switch2



1) Guarantee Isolation/ Sandbox

2) Flexible Hardware accelerated Topologies with bare-metal switching (Suitable for ISPs/DCs)

3) Low Cost and Easy to provision.

PROTOTYPE

Implemented on top of

Integrated with a Bare-metal provisioning service.

Deployed on NCL Staging environment.

Able to virtualize topologies with 13 switch with just one physical switch

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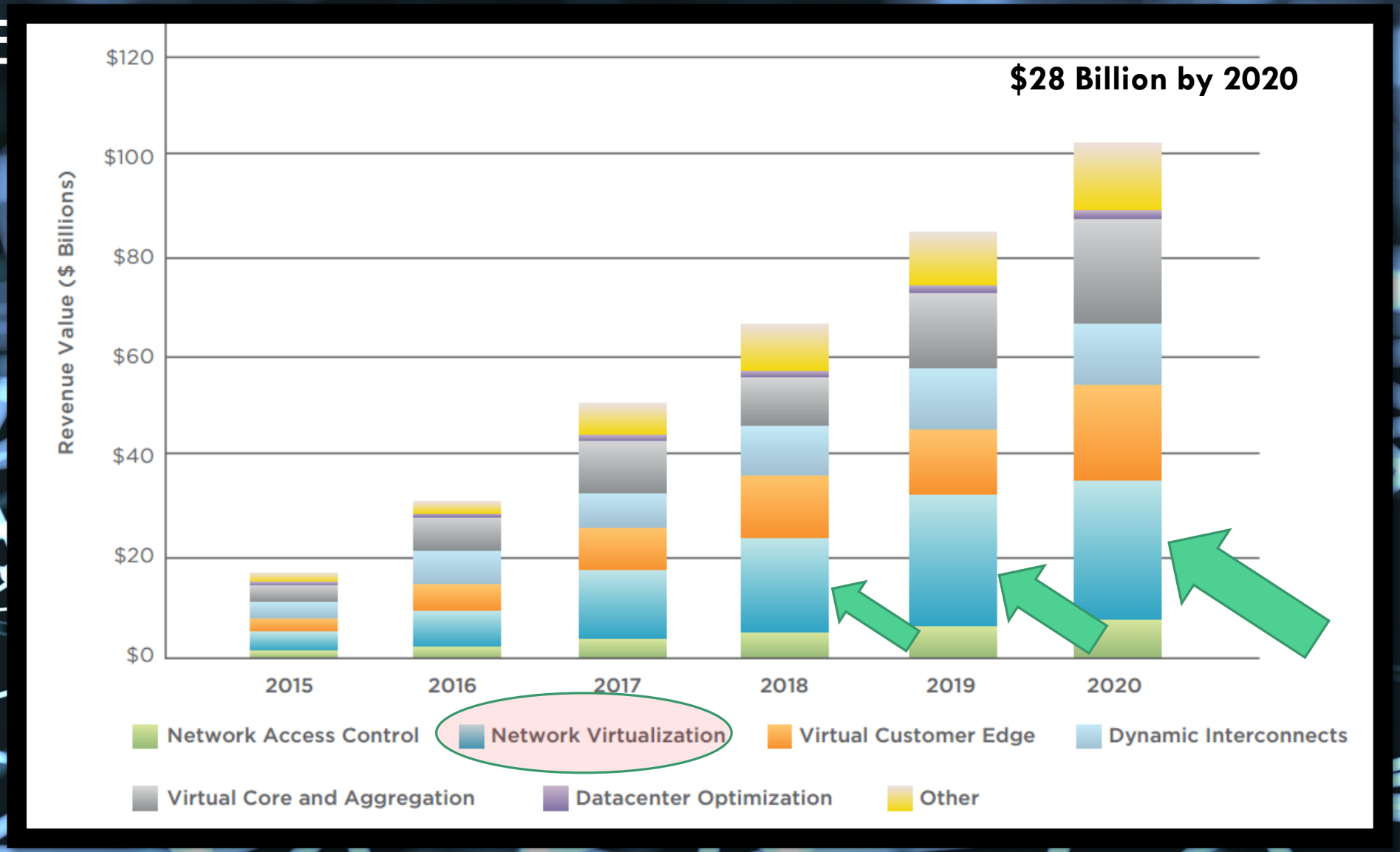

Source : SDXCentral Market Size report 2015

FUND USAGE

- 10,000 SGD
  - Off the shelf SDN switches.
  - UI/UX design for the provisioning service.
  - Server For housing BNVirt.
  - Software Licenses

thank you!

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