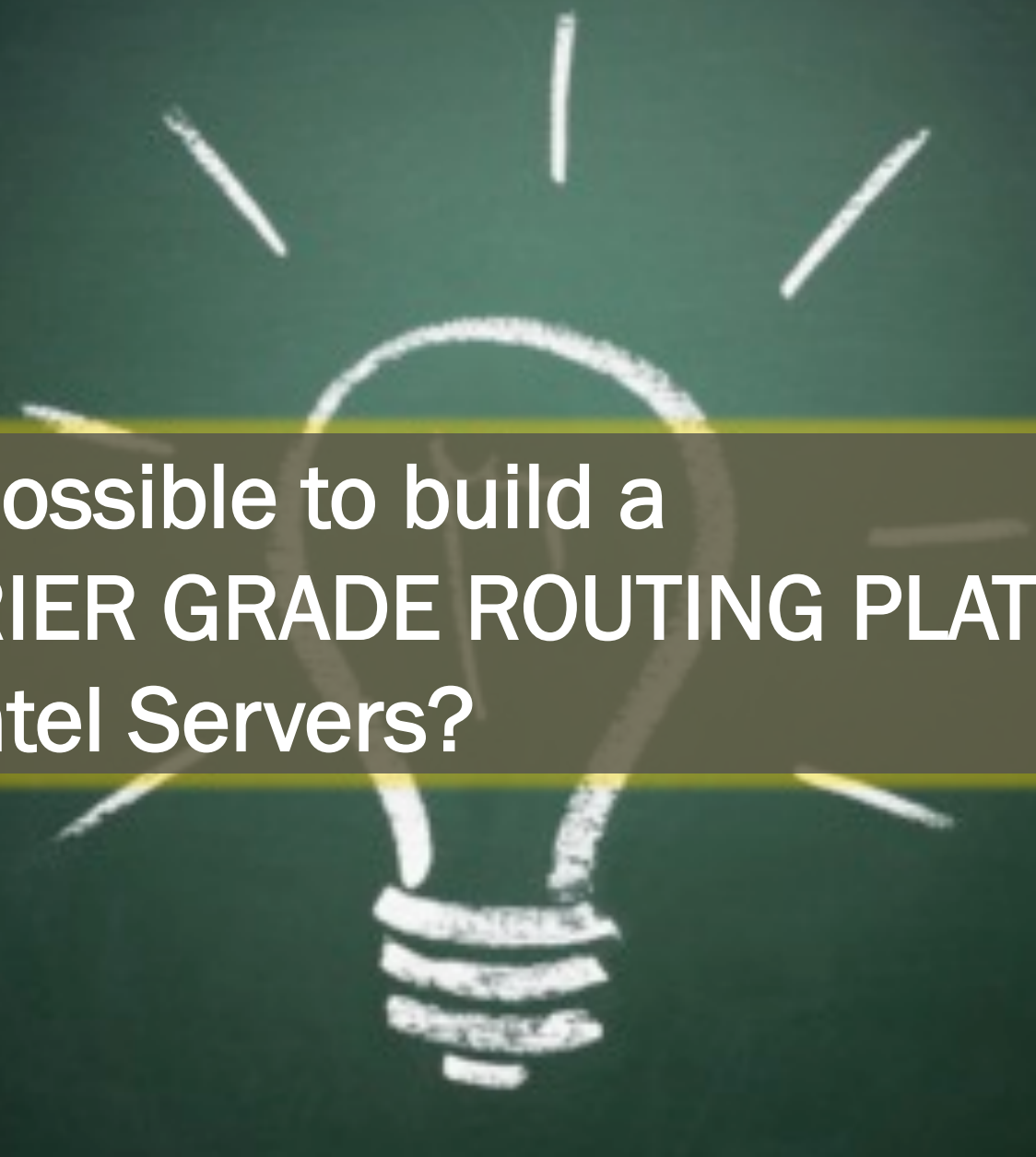




TAKING THE “HARD” OUT OF NETWORKING (EQUIPMENT)

Joerg Ammon <jammon@brocade.com>
Principal Systems Engineer Service Provider



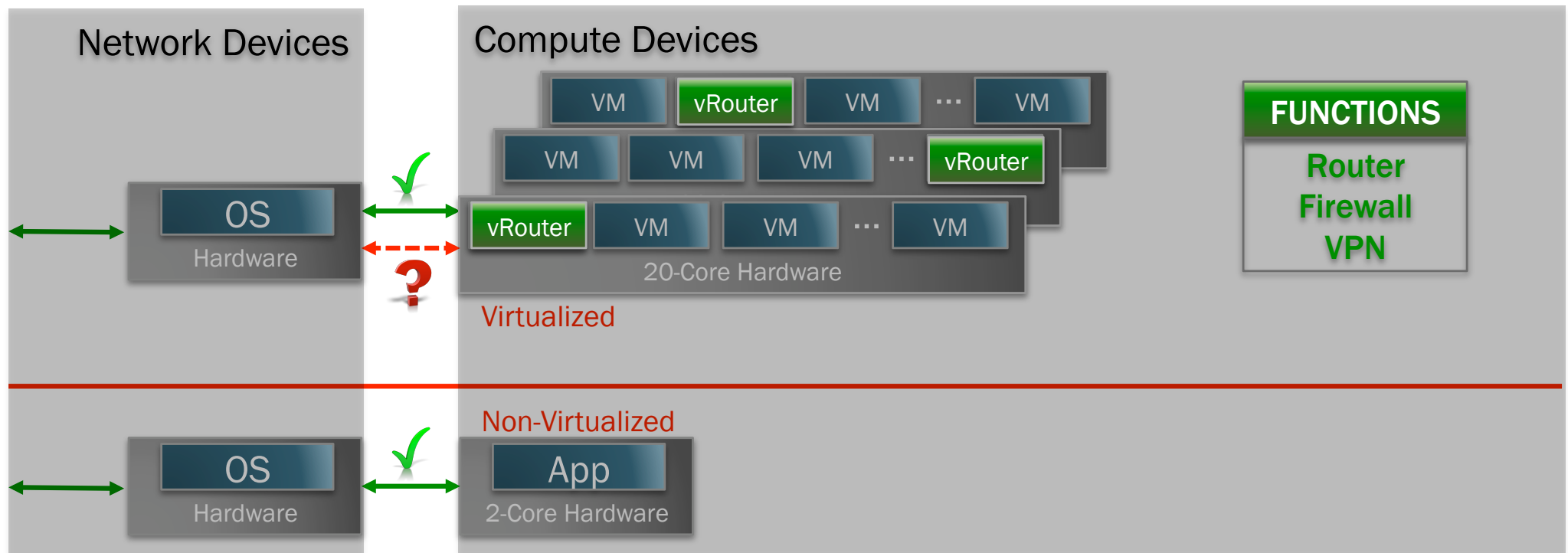
Is it possible to build a
CARRIER GRADE ROUTING PLATFORM
on Intel Servers?





What Does a vRouter Do?

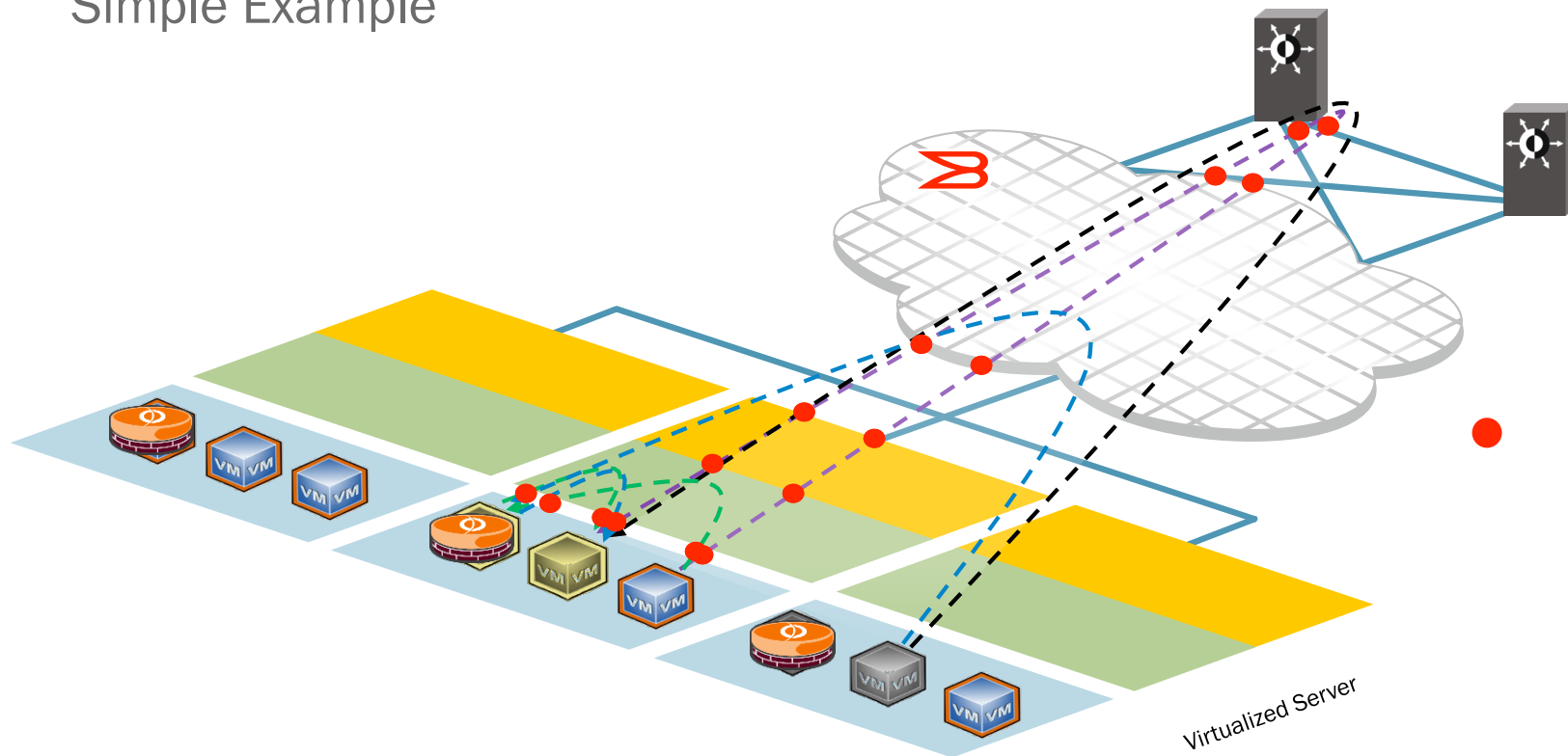
EXTENDS THE NETWORK INTO THE SERVER





Fundamental VM Communication

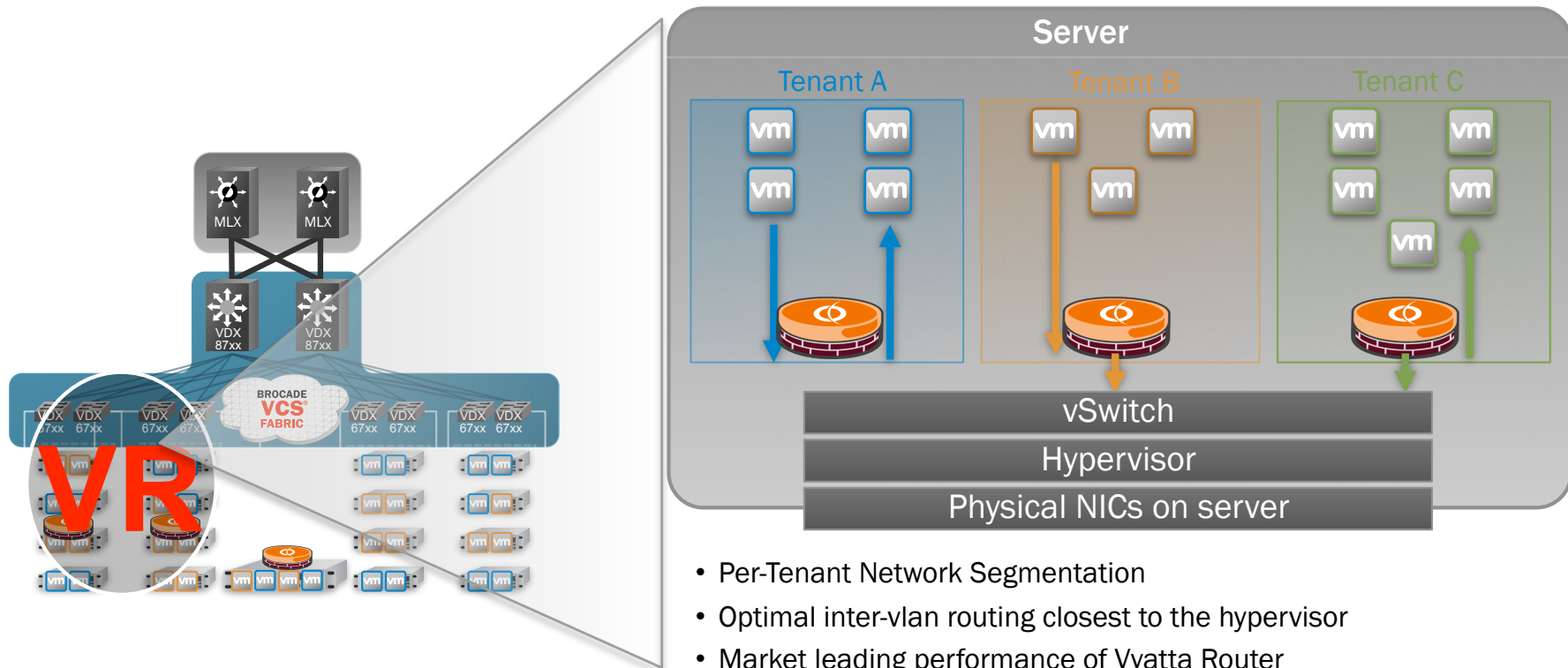
Simple Example



Data Center Multi-tenancy Architecture - Separation

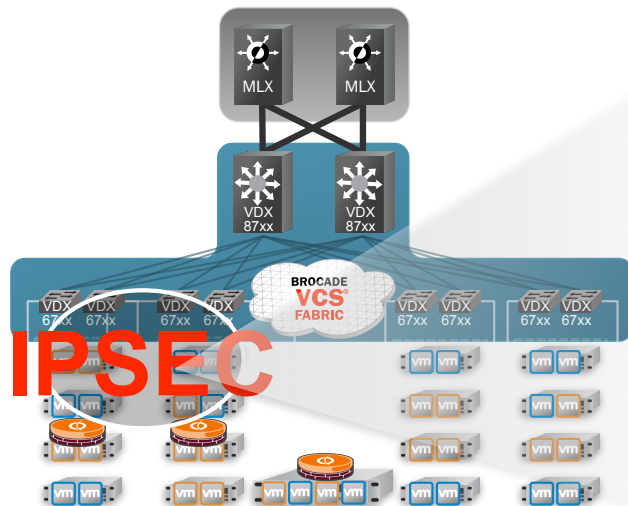


VIRTUAL ROUTER PER TENANT

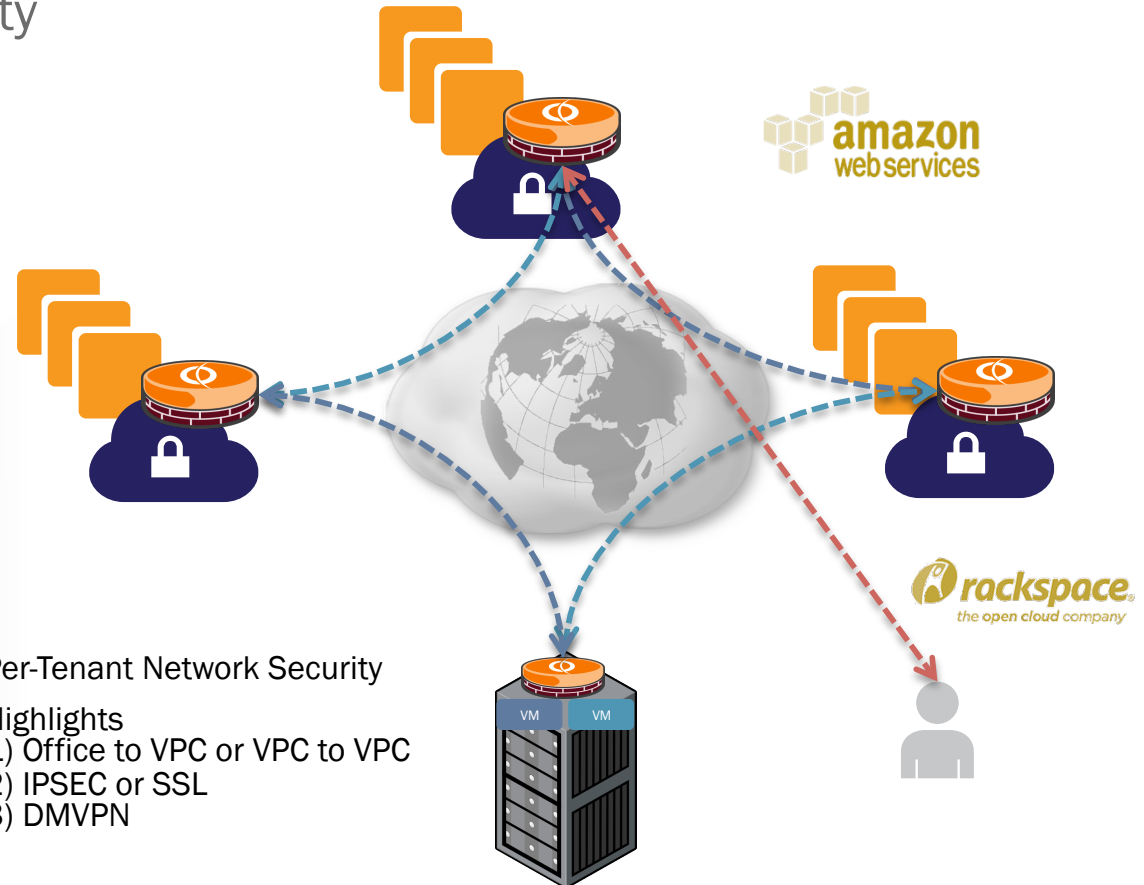


Hybrid and public cloud solutions

IPSEC VPN, Secure connectivity

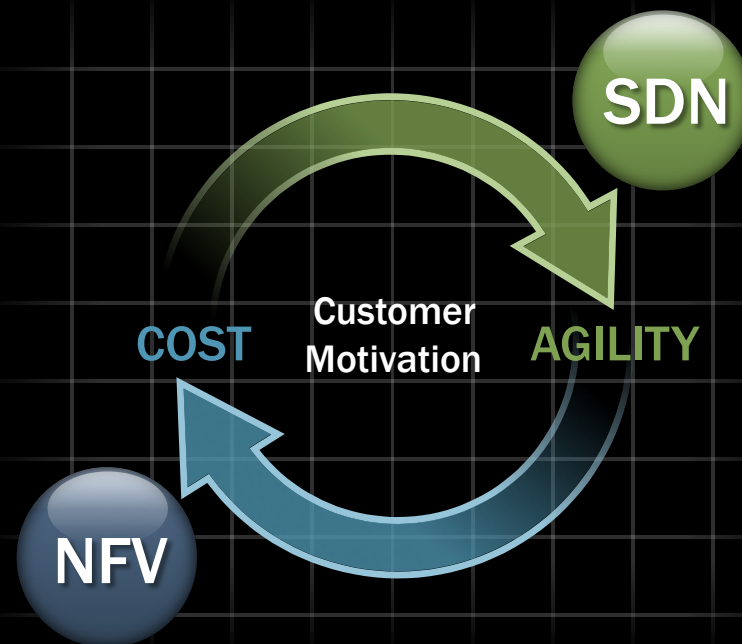


- Per-Tenant Network Security
- Highlights
 - 1) Office to VPC or VPC to VPC
 - 2) IPSEC or SSL
 - 3) DMVPN



TODAY WE KNOW SOFTWARE NETWORKING AS SDN & NFV

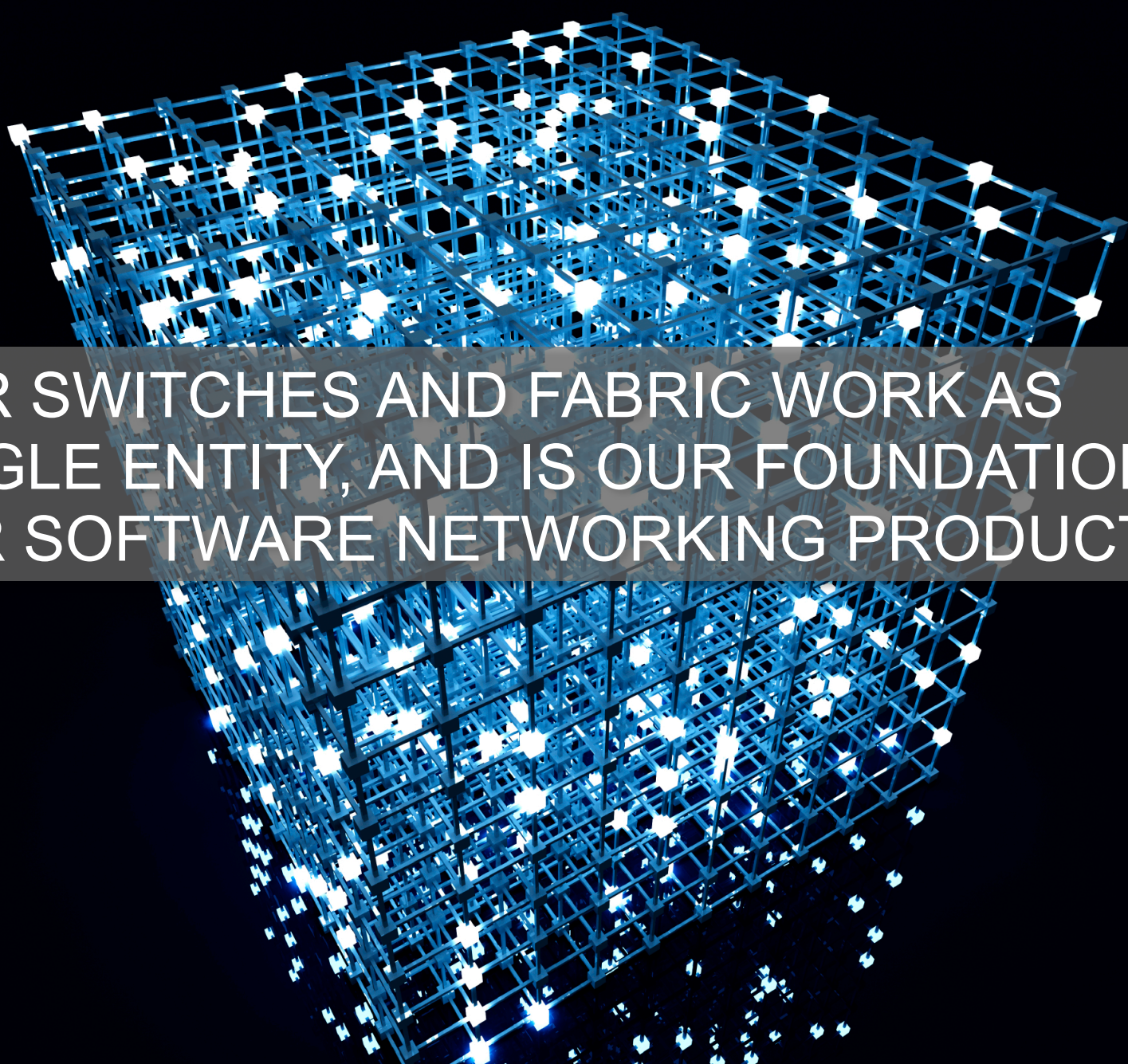
- SDN: “Manipulator”
 - Global controller
 - Orchestration & automation
- NFV: “Manipulated”
 - Virtual machine-based
 - Elastic & agile





THIS IS JUST THE BEGINNING...

BROCADE'S SOFTWARE NETWORK PRODUCTS
ARE BEING TESTED AND DEPLOYED FOR VPN
TERMINATION, ROUTE REFLECTION, LOAD
BALANCING, VIRTUAL CPE AND MUCH MORE



OUR SWITCHES AND FABRIC WORK AS
SINGLE ENTITY, AND IS OUR FOUNDATION
FOR SOFTWARE NETWORKING PRODUCTS

A speedometer with a needle pointing to 100, overlaid with a semi-transparent dark gray box containing white text.

Our Task is to accelerate the change to
SOFTWARE BASED NETWORKING
and
TAKE THE HARD OUT OF NETWORKING



Thank you