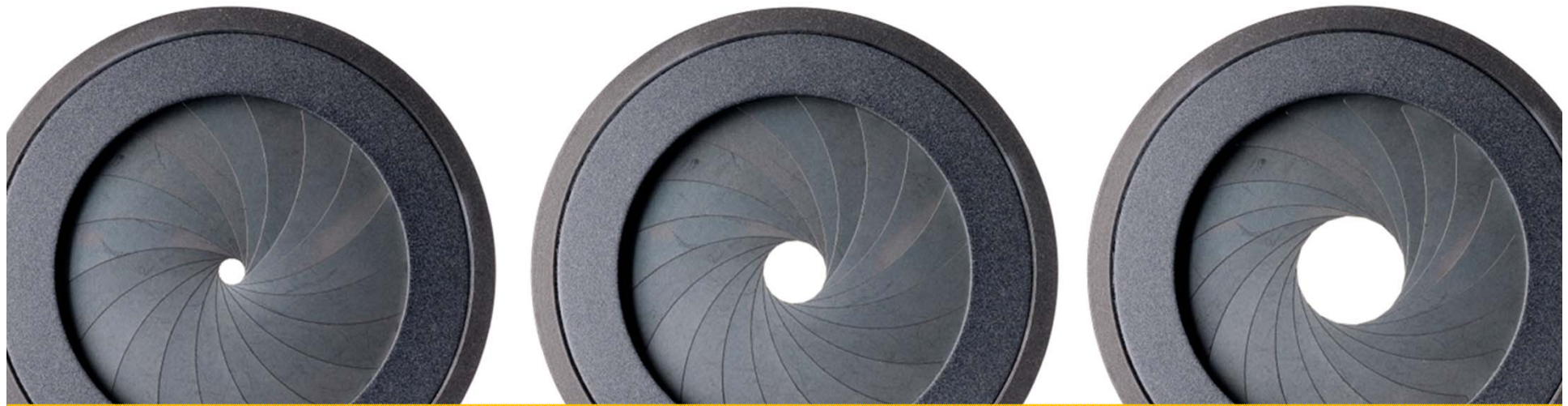




Open Source is Key to Accelerating SDN Adoption

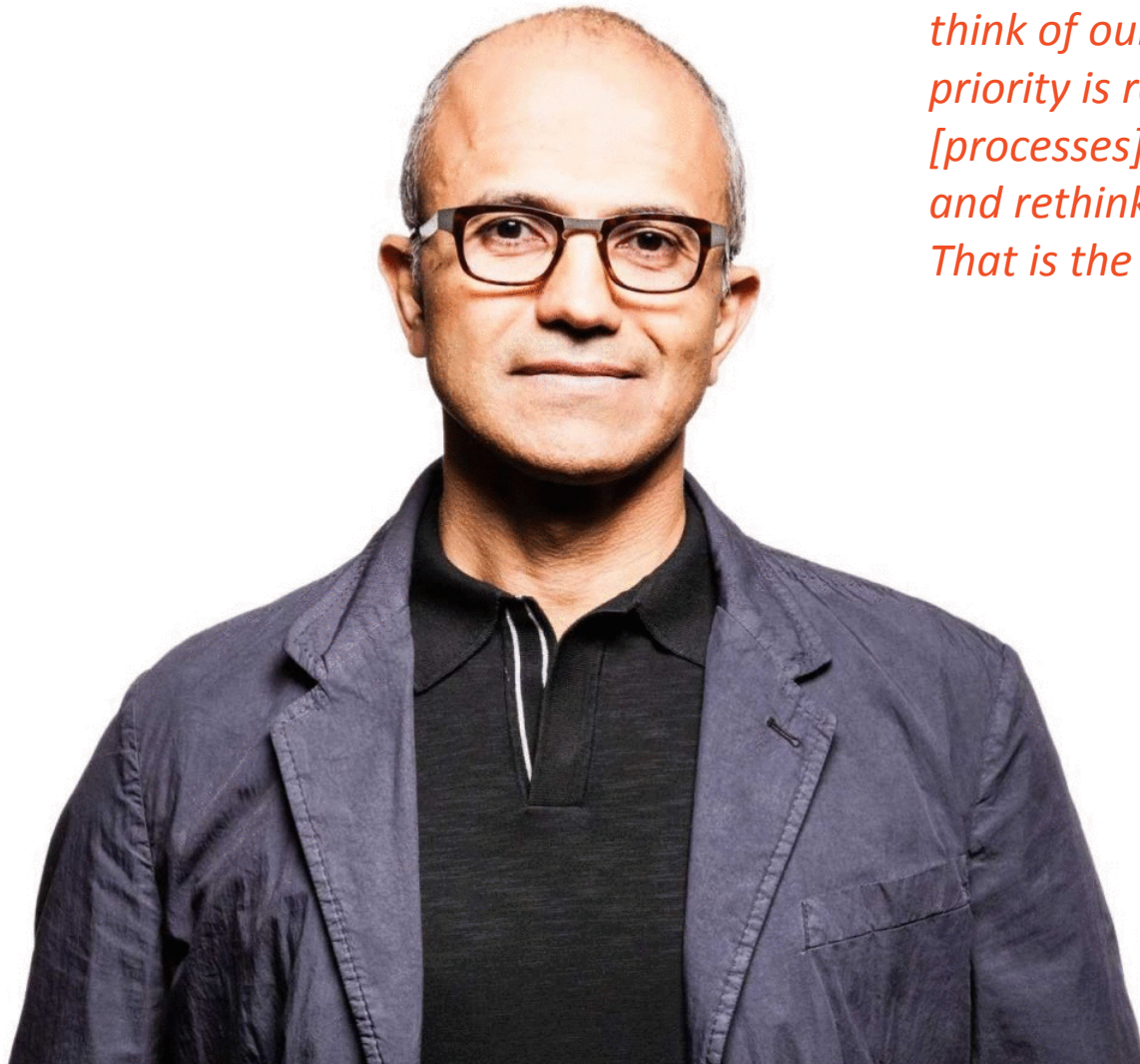
Neela Jacques, Executive Director,
OpenDaylight





Degrees of 'Open'



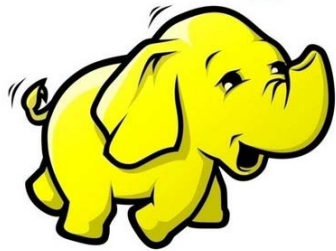


“We need places where we innovate and we need renewal is in the core. When I think of our challenge today ... the core priority is renewal of mainstream work [processes]. Let's take what we are good at and rethink it. That's not a side project. That is the very company itself.”

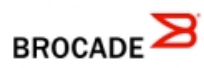
**Microsoft CEO Satya
Nadella**



hadoop



PLATINUM MEMBERS



GOLD MEMBERS



SILVER MEMBERS



True Open Source Can Be Integrated





SDN Needs a Common Platform

The image is a conceptual illustration. It shows two rows of server racks on either side, receding into the distance. The racks are dark with some red indicator lights. In the center, a path of vibrant green grass leads from the foreground towards a bright, glowing sunset or sunrise in the distance. The sky is a mix of orange, yellow, and purple. A semi-transparent yellow horizontal band is overlaid across the middle of the image, containing the text 'What is OpenDaylight?'. In the bottom right corner, there is a logo consisting of a stylized orange flower icon followed by the text 'OPEN DAYLIGHT' in a bold, sans-serif font.

What is OpenDaylight?



Community, Code & Acceptance

Industry Value

- A broad SDN code base that anyone can use, plug into or contribute new enhancements
- A common environment for users and app developers
- Accelerated innovation by avoiding duplication of basic infrastructure
- Faster and higher quality development through sharing of resources

CAUTION

Taking The Hard Road

SPEED BUMPS
AHEAD

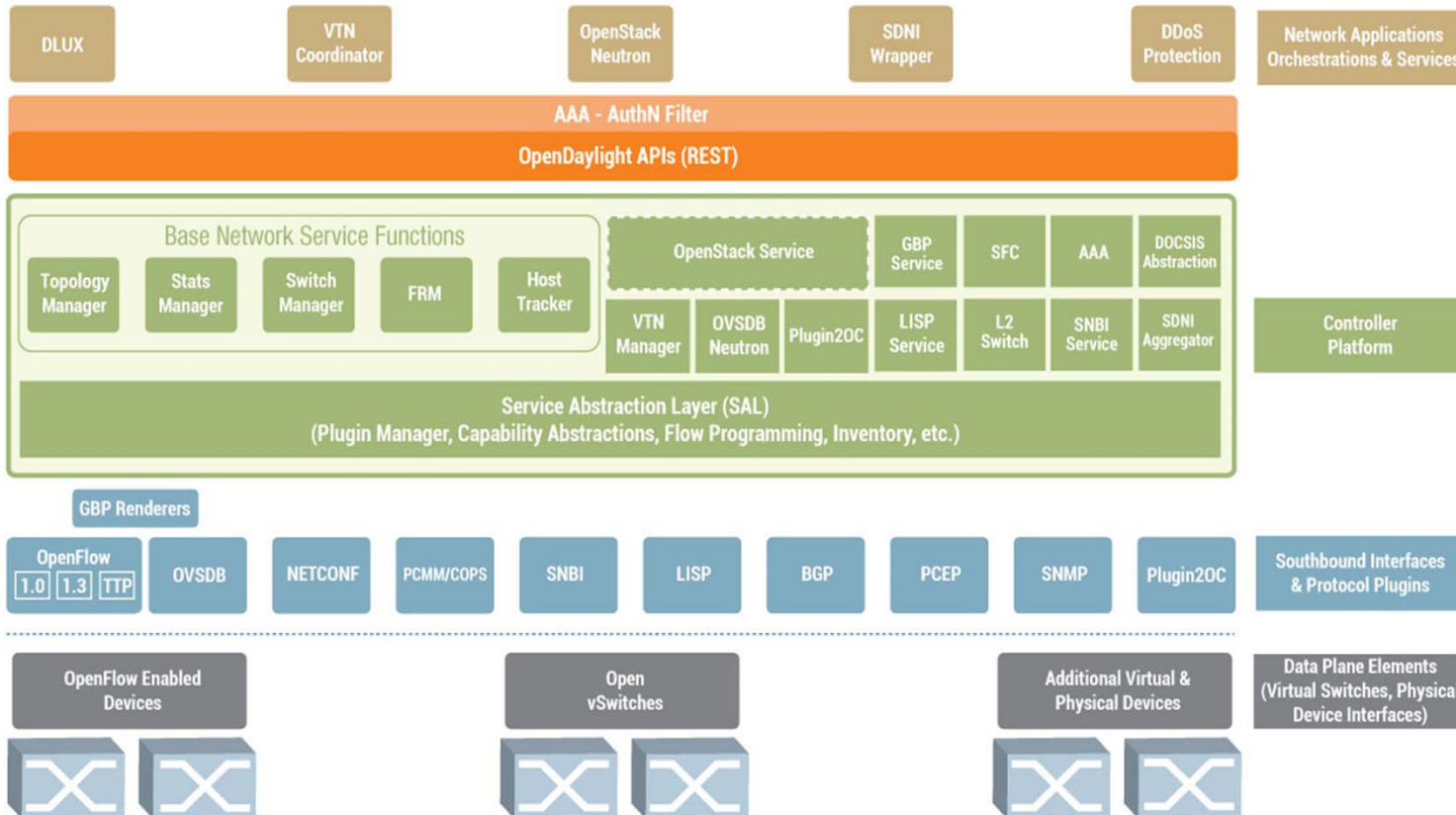


OPEN DAYLIGHT

"HELIUM"

LEGEND

AAA: Authentication, Authorization & Accounting
AuthN: Authentication
BGP: Border Gateway Protocol
COPS: Common Open Policy Service
DLUX: OpenDaylight User Experience
DDoS: Distributed Denial Of Service
DOCSIS: Data Over Cable Service Interface Specification
FRM: Forwarding Rules Manager
GBP: Group Based Policy
LISP: Locator/Identifier Separation Protocol
OVSDB: Open vSwitch DataBase Protocol
PCEP: Path Computation Element Communication Protocol
PCMM: Packet Cable MultiMedia
Plugin2OC: Plugin To OpenContrail
SDNI: SDN Interface (Cross-Controller Federation)
SFC: Service Function Chaining
SNBI: Secure Network Bootstrapping Infrastructure
SNMP: Simple Network Management Protocol
TTP: Table Type Patterns
VTN: Virtual Tenant Network



Why Should Users Care – Long Term

Increased interoperability



Reduced vendor lock in



Single solution or best of breed



Greater innovation and choice



Interoperability Isn't Easy



Credit: Adapted from various Wikimedia images by Guety, Fir0002/Flagstaffotos, Tobias and MikeyMoose



Helping Evaluate Your SDN Process

Evaluate · Educate · Test

Resources

- www.opendaylight.org
- wiki.opendaylight.org
- info@.opendaylight.org
- #OpenDaylight IRC channel at freenode.net
- lists.opendaylight.org
- Meet-ups, HackFests, Dev Design Forum, Summit
- Join the conversation:
 - @NeelaJacques, @OpenDaylightSDN, #openSDN

