



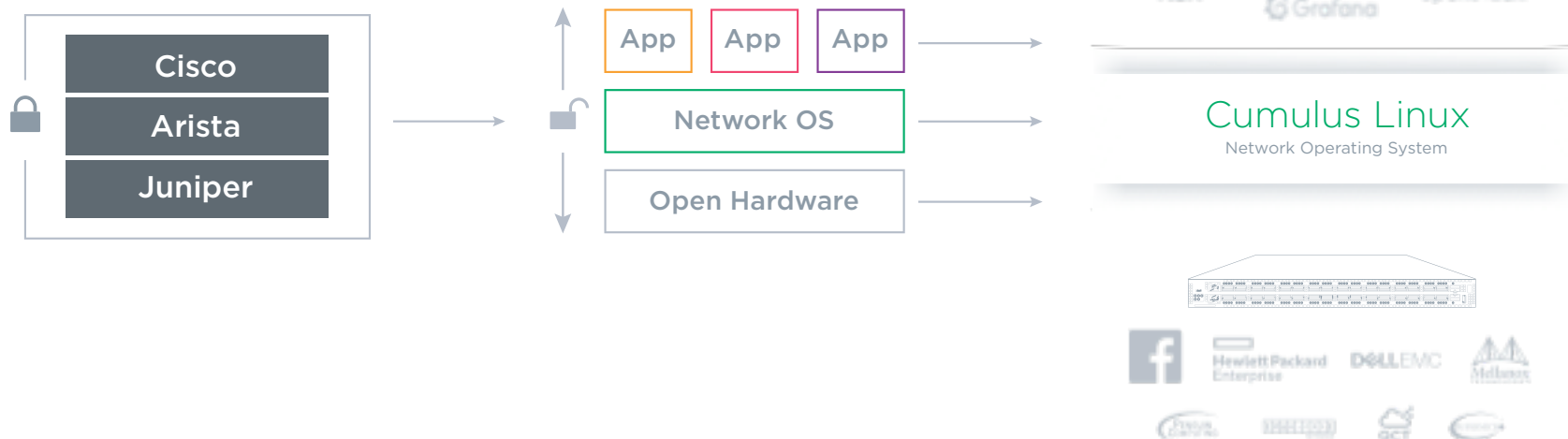
Putting it all together

Bringing web-scale networking

Atilla de Groot

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Network Disaggregation



Open hardware & disaggregation



Juniper



QFX 3500

Cisco



Nexus 3100



Nexus 9000

Arista



7500E



7250X

Extreme



X770

Brite-Box | White Box



HCL:

Agema, Edge-Core, Penguin
Computing, Quanta, Dell, HP, Mellanox



powered by

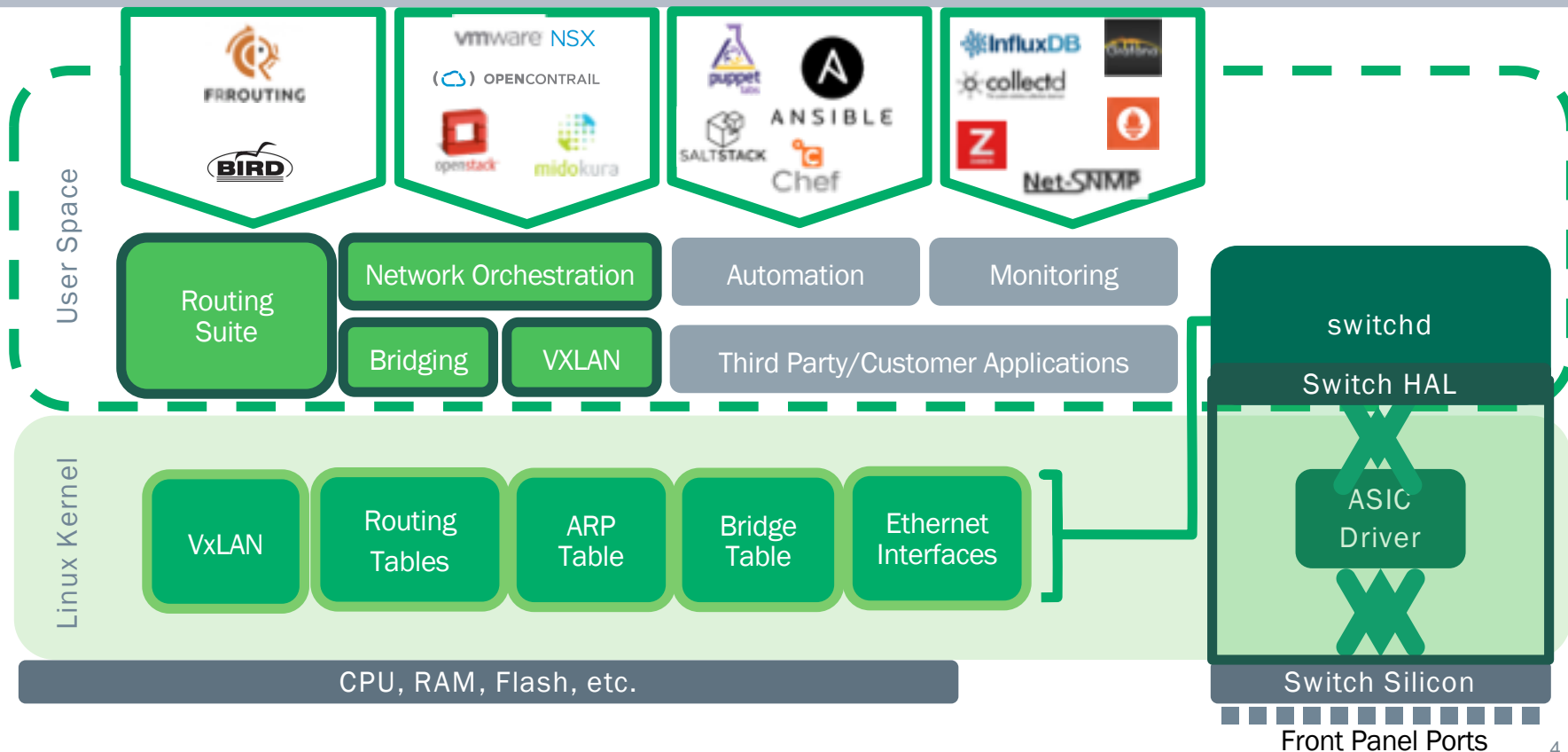


Trident II



Cumulus Linux architecture

Uniform operating model – write any tools, use any apps





Open networking concept

- ONIE
- APD

Linux networking development

- VRF
- Quagga / Free Range Routing
- Ifupdown2
- Iproute2

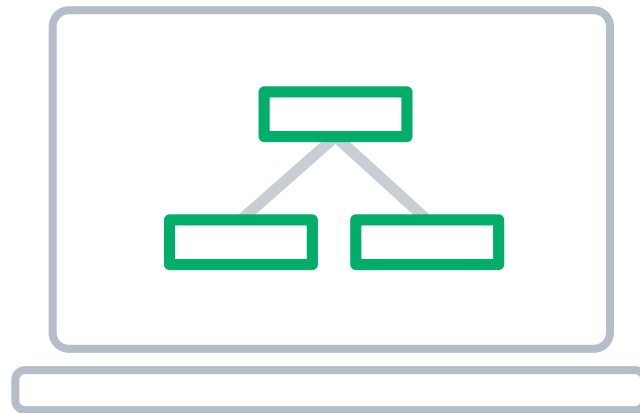


Next Generation Network Ops – Virtual Testing and Training



- Cumulus Virtual Experience (Vx)
 - Free, full featured, VM
 - <1G RAM/instance
 - Virtual copy of physical datacenter
 - Sandbox testing
 - Team Training
 - What-if planning
 - Integration with DevOps tools like Vagrant

cumulusnetworks.com/vx



SIMPLE



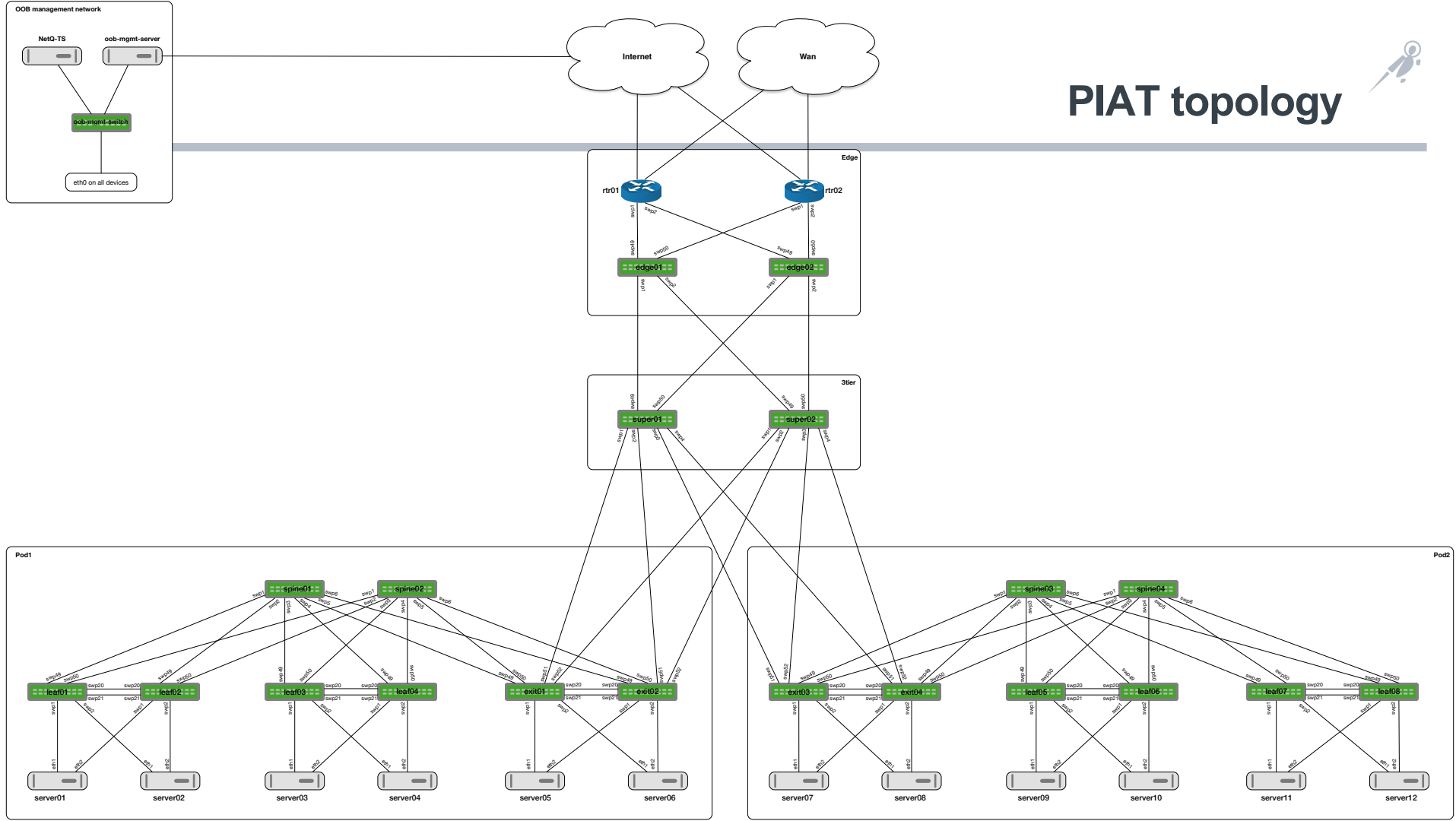
RELIABLE



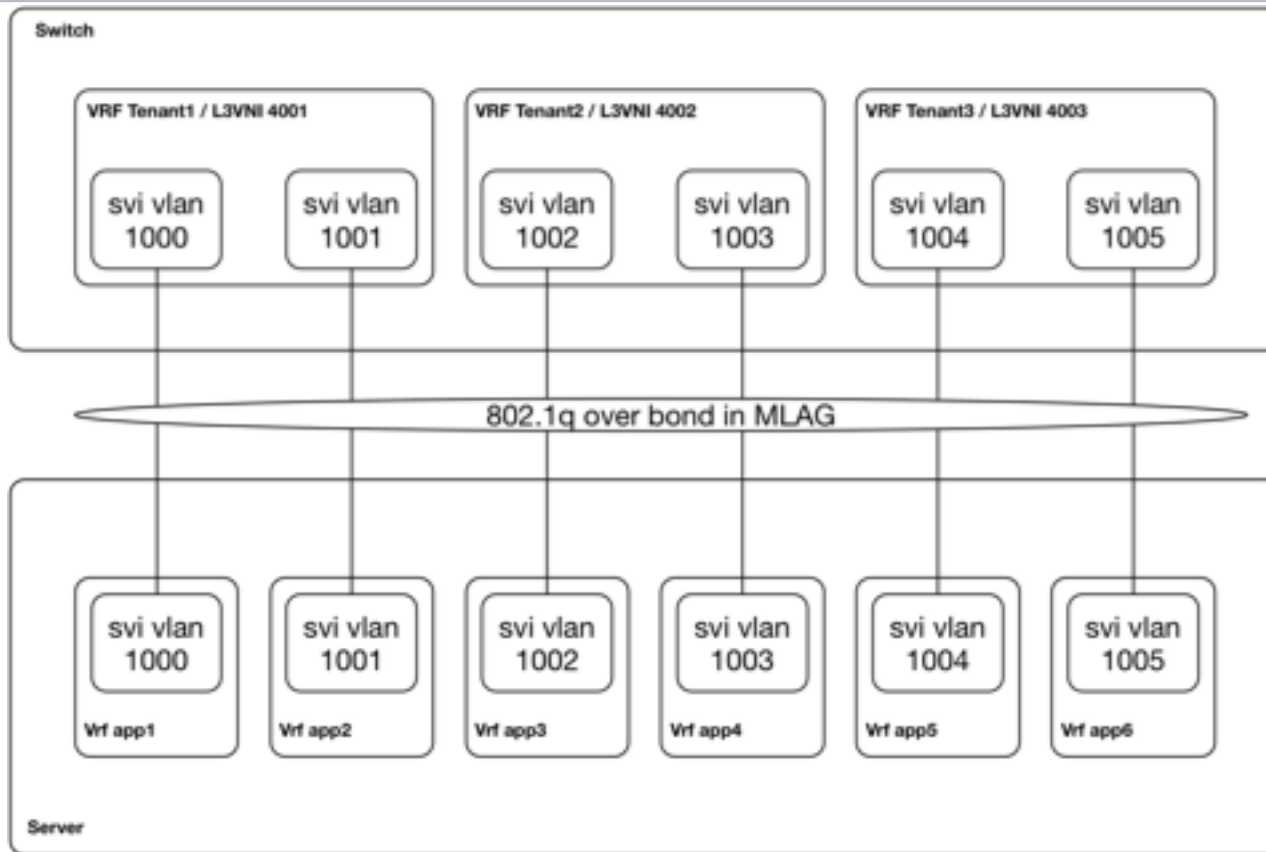
PREDICTABLE

PIAT demo

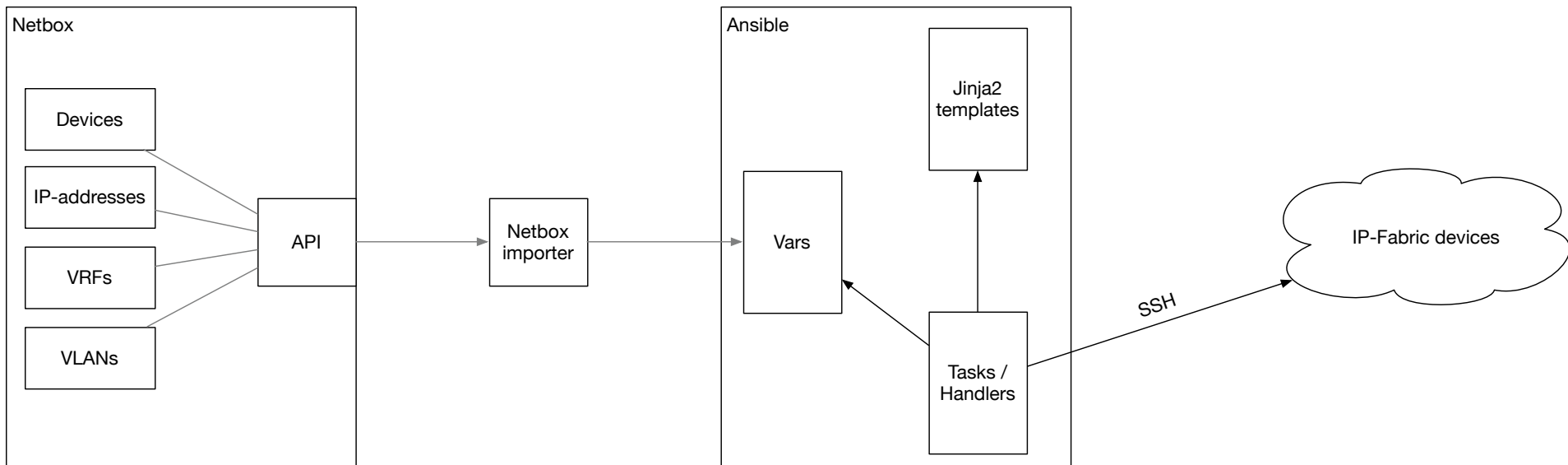




Tenant configuration

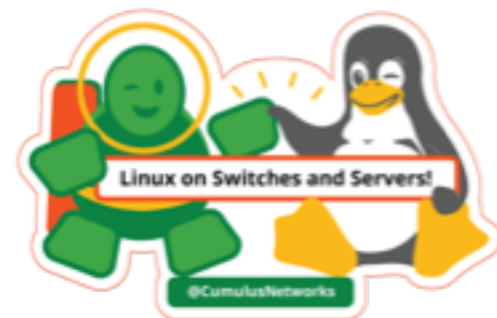


PIAT orchestration





Questions ?





Thank you!

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