

OCP SONiC/SAI Workshop



Schedule

8:00 - 8:30 Check in, Breakfast

8:30 - 9:00 Intro/Eco-system Update

9:00 - 12:00 SONiC and SAI Roadmap

9:00 - 9:40 Streaming Telemetry (Alibaba) + Q&A

10:00 - 10:40 Configuration Management (Microsoft, Linkedin) + Q&A

11:00 - 11:40 WAN (Microsoft) + Q&A

12:00 - 1:30 Lunch

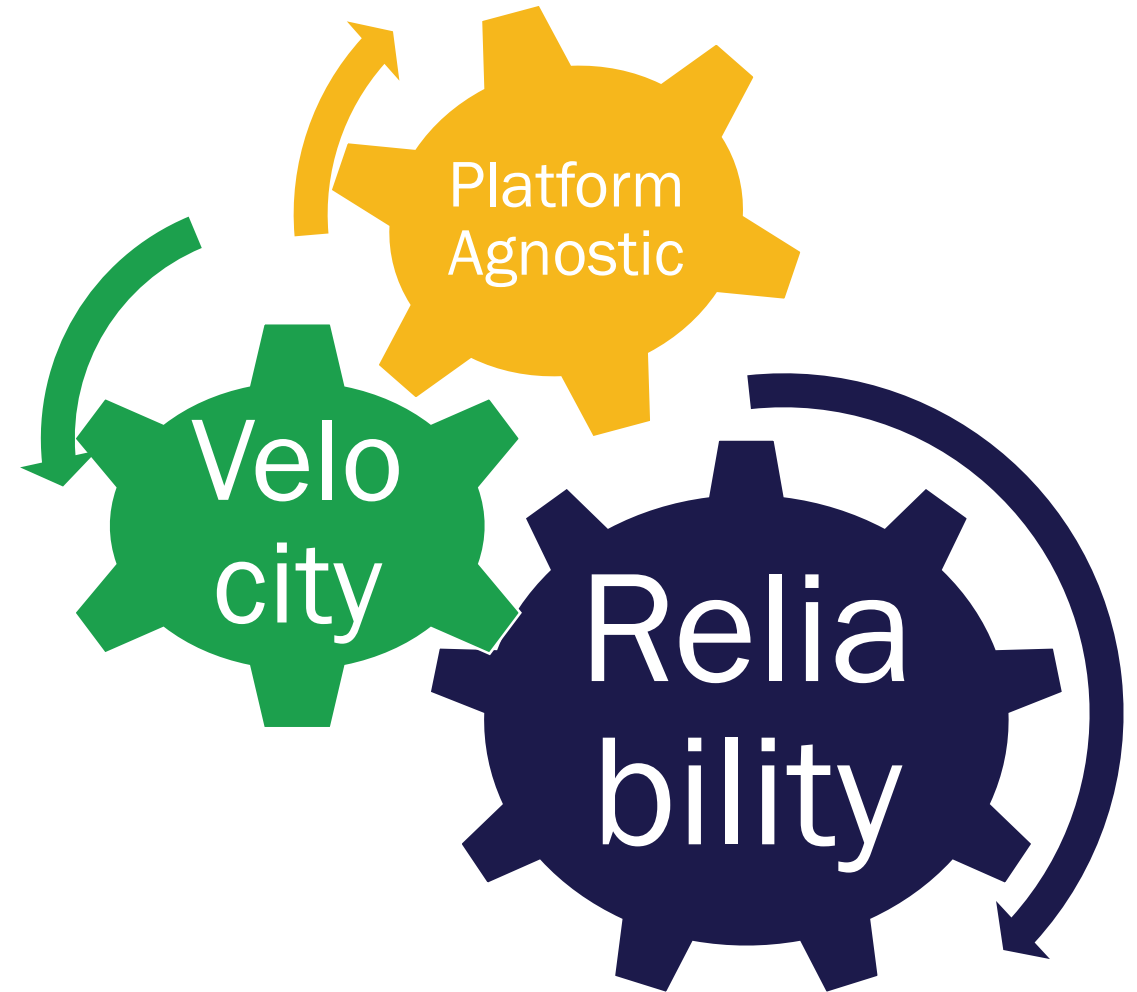
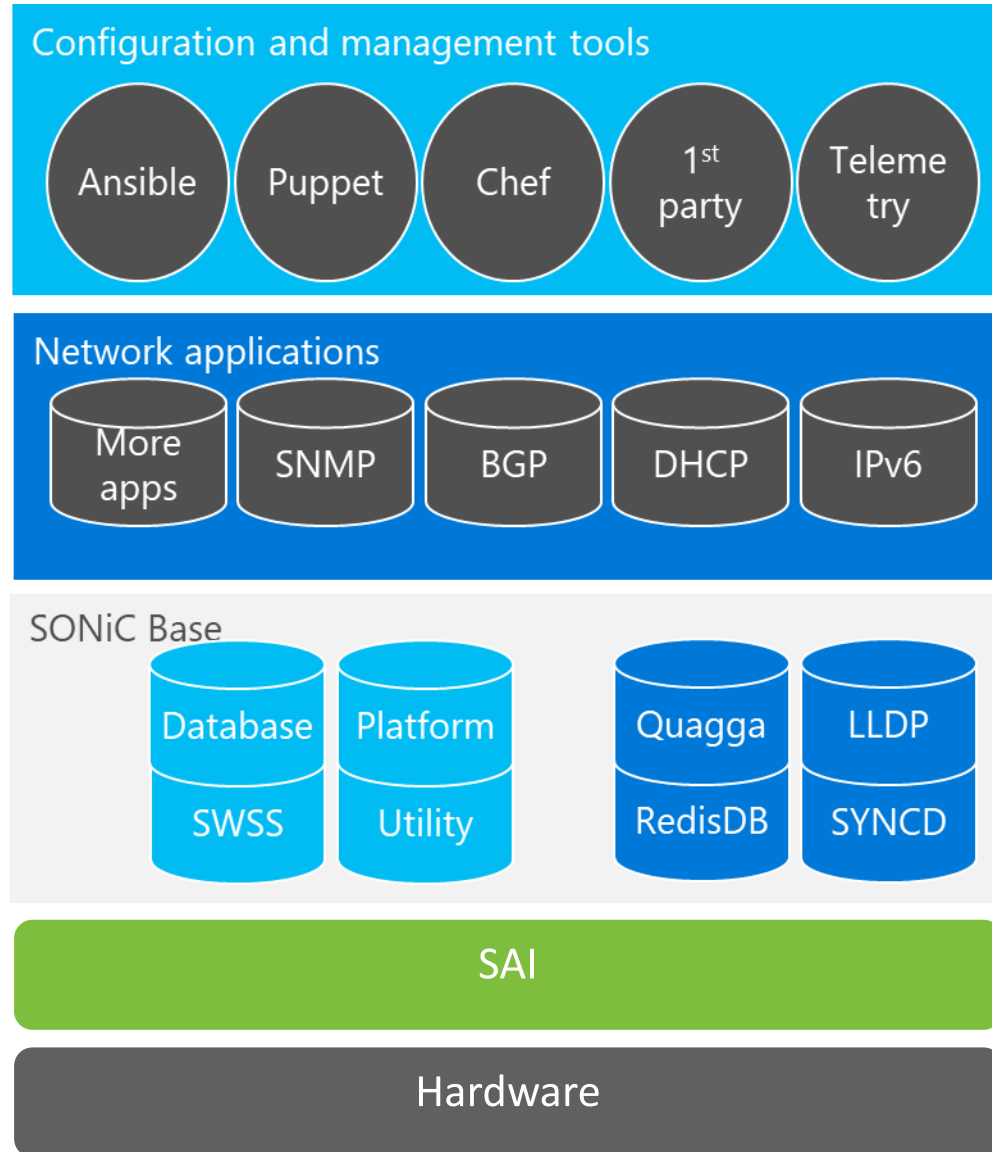
1:30 - 2:30 Telemetry SAI Discussion + Q&A

2:30 - 2:45 Break

2:45 - 4:30 programmability Discussion (Mellanox and Barefoot) + Q&A

4:30 ~ 5:00 Community housekeeping

SONiC Recap – Containerized Open Source NOS



Application & Management tools



CANONICAL



ARISTA



Tencent 腾讯

SONiC [Software For Open Networking in the Cloud]



ARISTA



Inventec



Quanta Computer



Celestica™



SAI [Switch Abstraction Interface]



nephos



centec
networks



Innovium™

Switch

Silicon/ASIC

Roadmap

SAI 1.3

Debian Kernel Stretch Upgrade

FRR

IPv6 Link Local Support

CLI

GRPC

Robot test framework

Incremental Config

BGP Graceful Restart

Dual Uplink

Data Plane Telemetry

VRF

More Config Tools

Warm Reboot

Dynamic Port Break Out

SAI/SONiC for WAN Scenarios