Aviz Fabric Test Automation Suite Assuring Excellence in SONiC Deployments

A continuous validation test suite for SONiC fabric

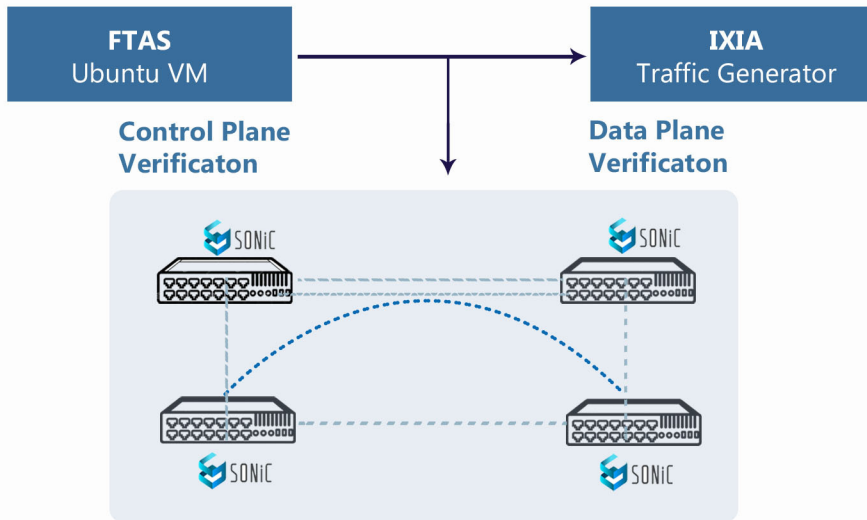## Elevating Community SONiC Potential for Customer-Driven Needs

Unleashing SONiC's potential requires navigating hurdles, but a strategic pre-assessment of Network Fabric smoothens the ride and unlocks long-term rewards. The key lies in thorough pre-assessment of desired SONiC Versions and Platforms .By understanding your network needs, hardware compatibility, and operational readiness, you pave the way for cost reduction, effortless deployment, and future-proof scalability—all with greater control. This investment transforms challenges into opportunities for long-term optimization and cost efficiency.

Pre-Deployment Confidence for Multi-Vendor SONiC

Fabric Test Automation Suite, or FTAS for short is is a versatile virtual machine (VM) that's tailor-made for a singular purpose: to rigorously verify the essential functionality of SONiC deployments and to examine their behavior within the intricate fabric of a network. FTAS takes full advantage of Community SONiC's infrastructure, ensuring that we can efficiently and comprehensively test various aspects of device functionality. From validating core operations to scrutinizing the intricacies of switch behavior within a switch fabric, FTAS is a comprehensive tool designed to meet the ever-evolving demands of modern networks. With FTAS, we've made it our mission to ensure that your network's performance, reliability, and scalability are not just met but exceeded. It's a testament to our commitment to delivering top-tier testing solutions

Benefits

1 Reduced Costs

With pre-assessment strategy, save cost and resources

3 Effortless Evaluation

Co-Pilot is built on community-based LLMs, ensuring there is no vendor lock-in and designed for long-term return on investment (ROI).
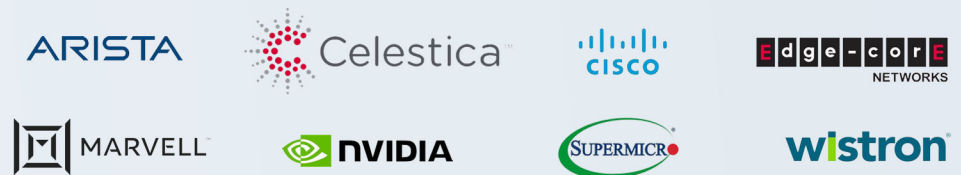
2 Managed Test Subscription

Customized suites for Data and Management Network supporting 1G to 800G.

4 Maximize Uptime

Multi vendor ecosystem for issue resolution and shift left Quality assurance

Functions	Features
Pre-Deployment Qualification	• Control & Data Plane Switching/Routing • IPCLOS, DCI-VXLAN, L2LS-MCLAG Validation Platform Readiness [Hardware & Management services ZTP, NTP, SNMP]
Day 2 Operations	• NetOps for Cost-In/Cost Out • Config Validations • CI/CD Pipeline Integration
Fabric Resiliency	• Scale & Performance • Chaos Testing for Fabric Behavior

Our Partners

For more details, Please visit our website:
www.aviznetworks.com

Customer Driven Quality Standards for Multi-Vendor SONiC Deployments

FTAS Ubuntu VM	IXIA Traffic Generator

Control Plane Verificaton

Data Plane Verificaton