

The Effect of Apple's MAC Randomization

Feature on Enterprises

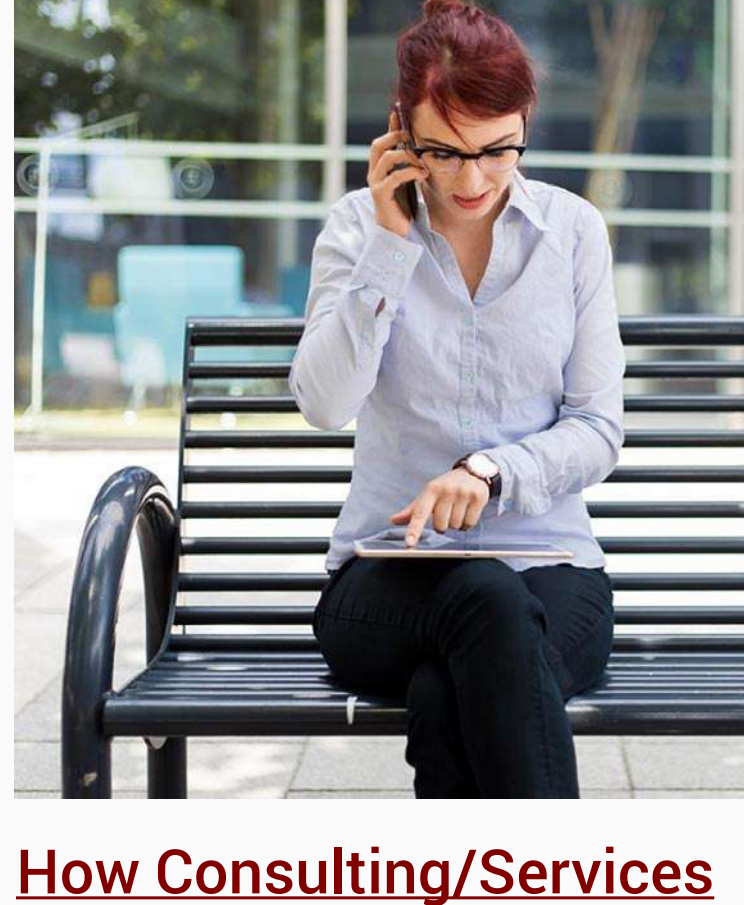
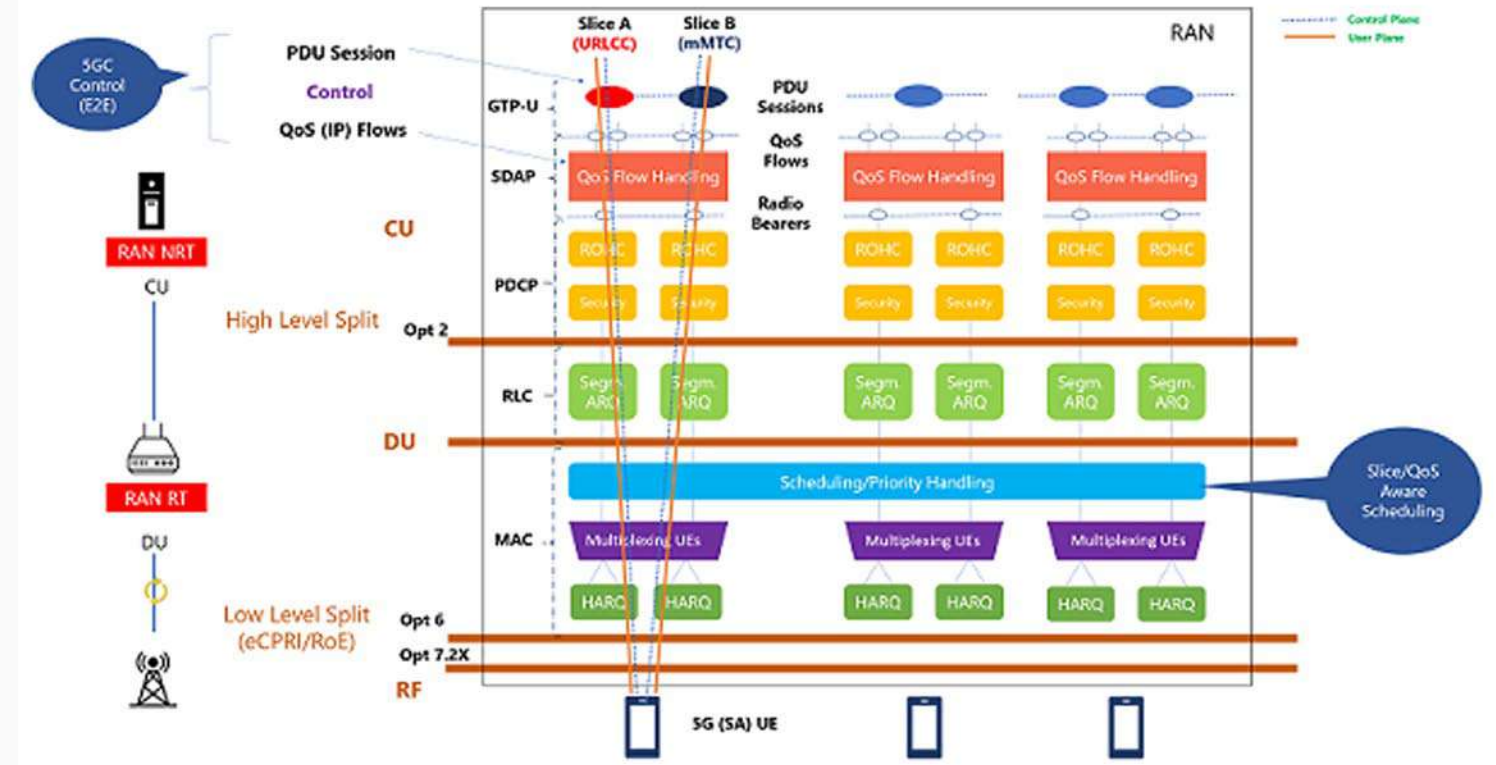


RAN Slicing: Boost Efficiency, Performance & Assurance

RAN Slicing offers a way of realizing a versatile radio access network through customized virtual subnetworks satisfying heterogeneity of the requirements- high reliability, low latency, high data rates, and low energy consumption.

It is emerging as a key enabler to customize and manage virtualized base stations while sharing the radio resources among them, with the objective of accommodating operators, service providers, OTT providers, and meeting their requirements.

[READ MORE](#)



OpenRoaming - A Global Wi-Fi Roaming Enabler

The OpenRoaming framework has the potential to fill the gaps of Wi-Fi roaming challenges concerning the interconnections, security, and service assurance in visited networks and avoid connection requests from unwanted users. By addressing the major issues in existing roaming frameworks and promoting Passpoint to steer the network selection policies, the OpenRoaming ecosystem would prove to be a pathbreaking solution in the near future.

[READ MORE](#)

How Consulting/Services Industry Enables Open Source's Journey Towards Maturity?:

With the emerging focus on open-source hardware and software in the next generation networking, many leading operators and enterprises are actively participating in these open-source solutions. But most of these big players try to align these open-source solutions as per their own respective use cases. This is where consulting/services companies, working with varied customers, bring in a broader outlook to these open-source solutions. These companies offer system integration and product maintenance services for various open-source solutions, thus improving the acceptance of these solutions across the industry.

[READ MORE](#)



An Overview of SD-WAN

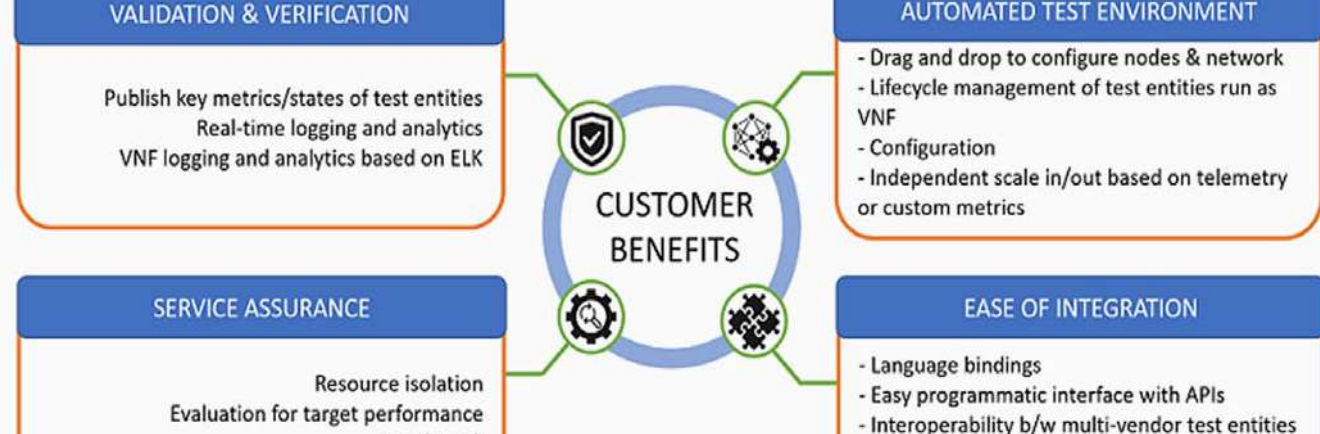
The permeating adoption of cloud-based services with related applications has culminated into a large portion of traffic- traveling back and forth across broadband Internet and WAN connections. In today's world of ubiquitous connectivity, legacy WAN Architectures face some significant challenges, which typically consist of multiple MPLS transport(s) or MPLS paired with an Internet circuit (used as active/ backup). Most often, internet traffic is backhauled to the regional data-center for Internet access.

SD-WAN is a technology that has evolved as a solution to address the above challenges related to architectures and routers. Software-defined networking is a centralized approach to network management.

[READ MORE](#)

To view more blogs on our website, please click [here](#).

HSC Accelerator. Distributed Virtualization Test Framework (DVTF)

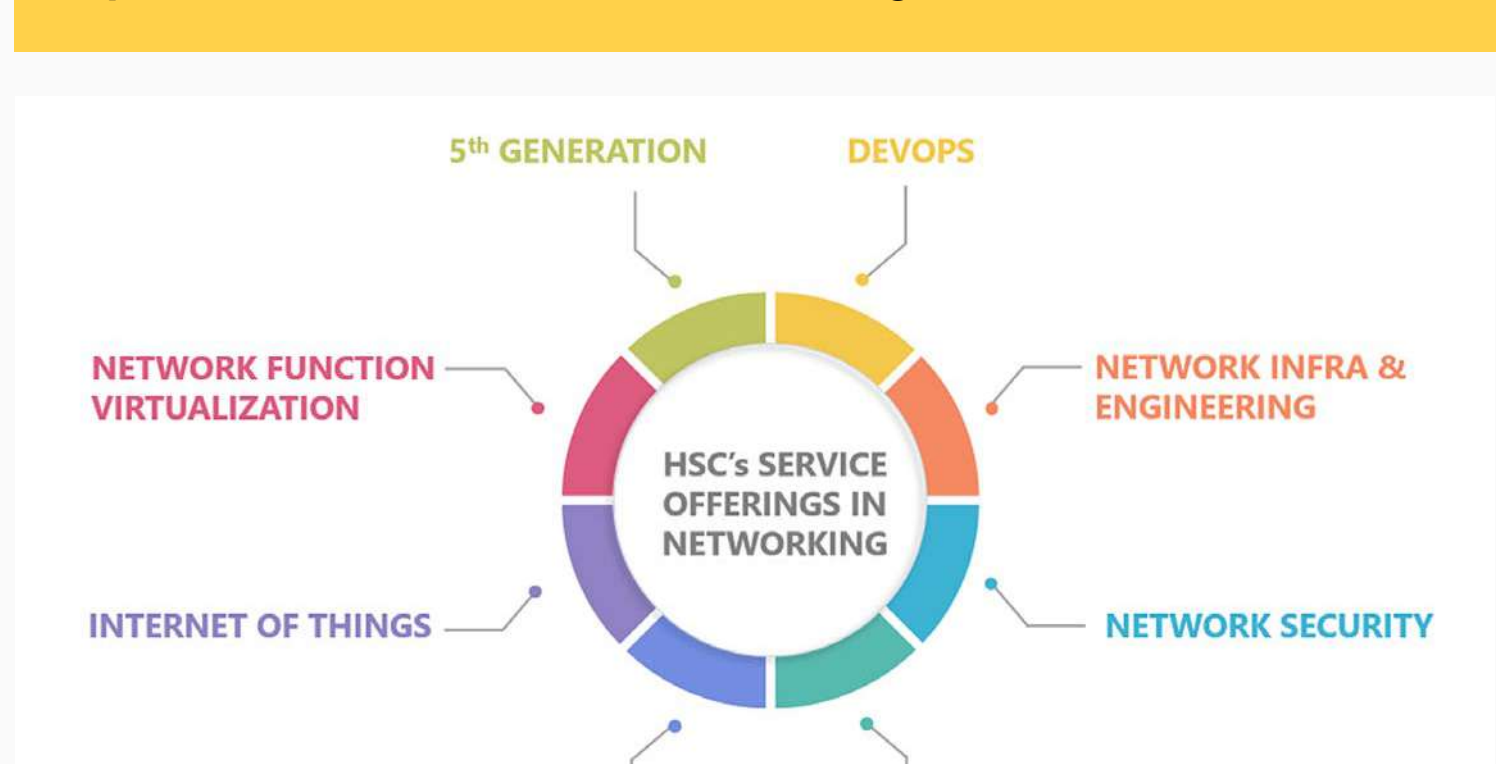


HSC's Distributed Virtualization Test Framework (DVTF) supports an easy-to-integrate SDK whose APIs can be called from any proprietary application codebase under test.

The DVTF accelerator solution can be applied in the following use-cases.

1. Testing core n/w functions (SGW, PGW, MME, PCRF) from multiple vendors.
2. Testing functional, fail-over, and recovery handling in a microservice-based implementation of network applications.
3. Application Function Testing for a MEC environment with different architectures and LADNs.
4. Provide a plurality of network equipment ecosystem needed to test IoT applications.

Explore HSC's solutions & service offerings for the Networks market.



Hughes Systique was selected for an Intel® Network Builders winners' Circle Award as a Solution Partner again in 2020. We were happy to be recognized by Intel's Winners' Circle Program as a **Solution Partner** for our contribution to the acceleration of #5G and virtual network transformation and by working closely with Intel and its Intel® Network Builders ecosystem.

[READ MORE](#)

