

SDN Solution Testing

BUSINESS REQUIREMENTS



Develop a framework for test execution for a White Box Switch based Packet monitoring product.



The framework should enable rapid automation of test cases and should integrate with 3rd party packages.



Should reduce the overall regression test time.

OUR SOLUTIONS



Created the test environment with combination of Virtual SDN and Physical SDN switches



Integration of various tools / technologies and creation of Vagrant boxes for rapid deployment



Creation of test suite covering conformance, functional and performance test cases.

TOOLS/ TECHNOLOGIES



POSTMAN, MININET, OpenDayLight



Hardware and software based traffic generators – IXIA, IPERF



OFTEST for SDN conformance

BUSINESS IMPACT



The automated test framework simplified software testing.

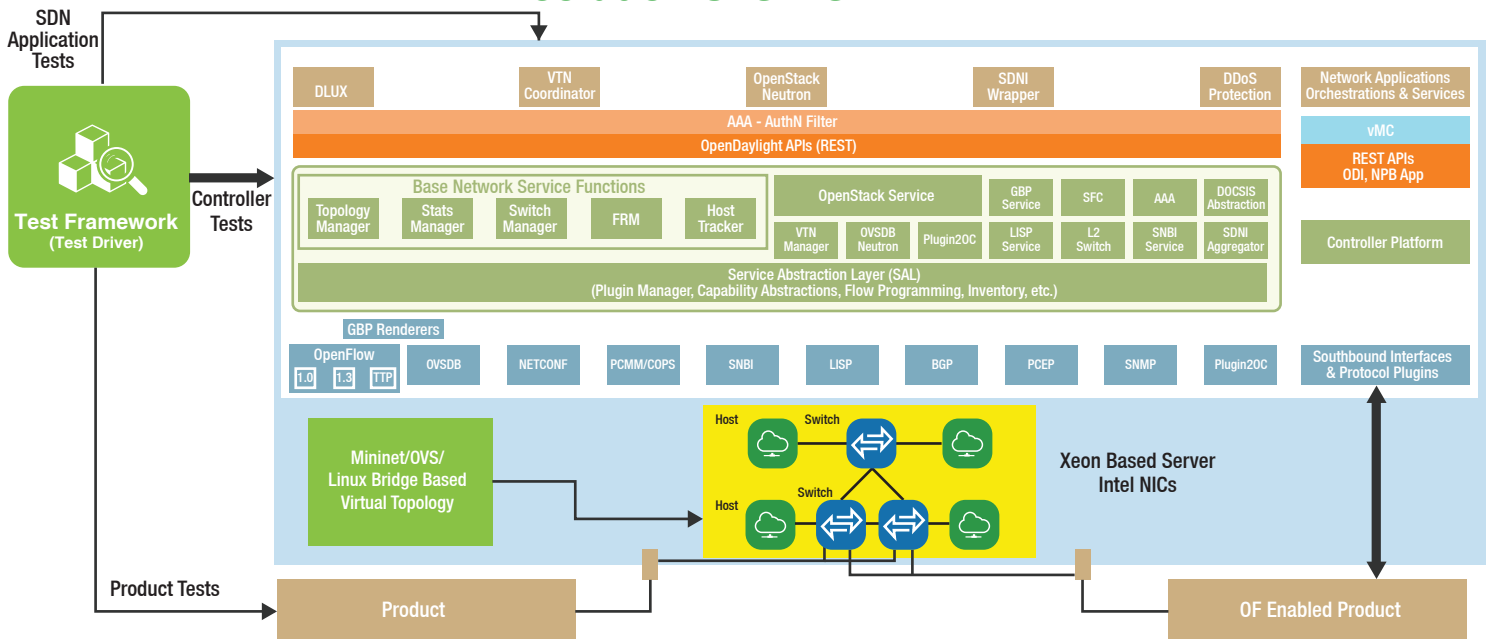


Framework developed in rapid time and low cost leveraging open source components test.



Productivity improvement through reduced regression time.

Solution Overview



About Happiest Minds Technologies

Happiest Minds, the Mindful IT Company, applies agile methodologies to enable digital transformation for enterprises and technology providers by delivering seamless customer experience, business efficiency and actionable insights. We leverage a spectrum of disruptive technologies such as: Big Data Analytics, AI & Cognitive Computing, Internet of Things, Cloud, Security, SDN-NFV, RPA, Blockchain, etc. Positioned as "Born Digital . Born Agile", our capabilities spans across product engineering, digital business solutions, infrastructure management and security services. We deliver these services across industry sectors such as retail, consumer packaged goods, edutech, e-commerce, banking, insurance, hi-tech, engineering R&D, manufacturing, automotive and travel/transportation/hospitality.

Headquartered in Bangalore, India; Happiest Minds has operations in USA, UK, The Netherlands, Australia and Middle East.

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