Rethinking Architecture

Sl. No.	Requirements	Sub-Requirements	Current Architecture (Lack/restrictions)
1.	Support "Any" Traffic Generator	1. Test Run. 2. Deployment (optional). 3. Deployment mandatory if TGen is VNF /CNF	**Specific Input and output definition.**
2.	Run Anywhere?	No Restriction on	**Not Possible** 1. **for Baremetal usecase.** 2. **Trafficgen=off mode.**
. 3	Support DUT Setup and Configuration	1. Virtual Switch. 2. VNF/CNF 3. SRIOV. 4. Additional Plugins. 5. LoadGens	**Remote Configuration is not supported for Baremetal Usecase.**
4	Support Different Format	1. Application 2. Container(s) 3. VM	**As a VM is not supported.**
5	APIs to Integrate with Other Solutions.		**Test-Control Only**
6	GUI	1. Create Configuration 2. Setup DUT. 3. Run Tests.	**DUT Setup and Test-Control Not Supported**
7	Add and Implement Testcases	1. Addition of New Testcases. 2. Implementation of New Testcases	**TGen must support Traffic Pattern and the Analysis.**
8	Multi-OS and OS-Independent		**Kernel version might affect some software.**
9	Reporting and Result Analysis		
10	Upstream Project Independence		**DPDK and vswitch compatibility should be ensured.**