

# LINEAR SCALABILITY OF ACTIVE TEST AGENTS

for a Network Analytics  
Solution Provider



**Services:** Product Engineering & Innovation, Network Transformation, Professional Services

## OVERVIEW

The customer is an US-based **\$3bn** Network Analytics Solution Provider for physical, hybrid and virtual networks. They wanted test agents to actively generate authentic traffic and analyse them in real-time across multiple applications, services and interfaces.

## CHALLENGES



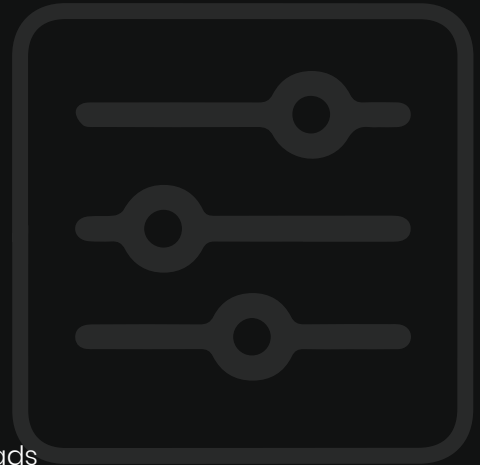
Tools are not able to scale up at a line rate to test multiple reflectors



Tools are not complaint to support multi-vendor platforms

## SOLUTION INNOVATION

- 1 y1731, TWAMP, and UDP performance improvement using DPDK
- 2 Scalability testing on active test agents
- 3 Management and orchestration of test agents
- 4 Test case scenario development
- 5 Application performance testing
- 6 Control centre through open VPN tunnel for test agent downloads



## OUTCOMES

- Single pane of glass management of test agents
- Distributed, end-to-end service insights across service activation and testing
- Programmable test and service assurance solution

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