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## **STAKEHOLDER INVITE FOR TESTING AND VALIDATION OF DUTS IN TEC NGN TRANSPORT LAB**

TEC has established NGN Transport lab having capability of testing of network equipment for conformance, performance, functionality, regression, stability, analysis/debugging etc. related to IP protocol and Layer 2-7 testing of network components in NGN environment, as per initial project planning, barring the leftover AT testing due to arbitration award implementation. The various capabilities of NGN Transport Lab, Testing Capabilities and the Devices that can be tested are given below:

### **Capabilities of NGN Transport lab**

Important features of NGN Transport lab are:

- i) Can operate in Multiuser and Multi Test Case environment.
- ii) Has capability of performing remote testing of DUTs.
- iii) Futuristic and upgradable to 40G/100G testing
- iv) IPv4-IPv6 Transition & interoperability
- vi) Issue of test reports/certificates

### **Testing Capabilities:**

- i) IPv6 Core Protocols
- ii) IPsec.
- iii) Routing protocols (BGP, OSPF, OSPFv3, RIP, RIPng)
- iv) Dynamic Host Configuration Protocol for IPv6 (DHCPv6)
- vi) Session Initiation Protocol (SIP) functionalities

### **Devices can be tested:**

Following devices can be tested in NGN lab:

- i) NGN products – Routers, Switches, Media Gateway Controller, Media Gateways, Session Border Controller, Customer Premises Equipment
- ii) EPABX/IP based equipment

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