



JOB TITLE: R&D Test Engineer

Location: Bangalore, India
Department: Research & Development
Availability: August 2021

Job Description

R&D in Ekinops is organized in different programs. The open vacancy is located in the Access/MSAR (multi-service access router) program.

The test engineers are involved in firmware testing on the technologies developed in the Access division: Switching, Routing (OSPF, BGP, Multicast, VRRP,BFD) , Management (SNMP,TR069,ZTP,Netconf), IP Services (DHCP,SNTP,DNS), Security (Firewall, VPN, Deep Packet Inspection), Data Path (ACL, NAT, QOS) and virtualization.

Direct job coaching is provided and you will gradually work more independently within the team (& take initiatives to improve problem solving)

Duties and responsibilities

As an R&D Test engineer, you will be involved in:

- Analyze customer/Feature/project requirements.
- Develop test plan and test execution strategy for software/feature releases.
- Create and Maintain Test Setups based on test topology.
- Contribute in Test Automation (Develop, review and execute) for new features.
- Take ownership of testing Layer2 and Layer3 products.
- Validate the functional, stability and scalability cases for both physical and virtual Access Routers of Ekinops.
- Reproducing and analysing the root-cause of internal and customer reported issues.
- Analysing the inter-operation of functionalities & technologies

Skills and profile

- In Depth Knowledge on networking concepts, TCP/IP.
- Proficiency in testing one or more Management plane, Control Plane and Data Plane Features.
- Hands-on testing experience in LAN, WAN and IPv6 technologies.
- Hands-on testing experience on Routing/Switching or similar products.
- Automation experience with one of the following languages (python, TCL).
- Exposure and knowledge of traffic generators and analysis Tools: Ixia, Spirent, Wireshark etc.
- Hands on experience with Linux and Linux based tools for testing.
- Good communication skills and ability to work with diverse teams is expected.
- Exposure to Agile /Scrum methodologies.