

Senior Network QA Engineer/Architect

Job description

CloudSimple is building next generation cloud infrastructure with a specific focus on enterprises workloads. A successful candidate in this role will act as the networking QA focal point for the company and will be responsible for driving all the test activities around networking for CloudSimple

Responsibilities

Defining Testing Strategies

- Defining processes for test plan and several phases of testing cycle
- Ensuring all development tasks meet quality criteria through test planning, test execution, quality assurance and issue tracking
- Work closely on the deadlines of the project
- Review test strategies and see that all the various kinds of testing like unit, functional, performance, stress, acceptance etc. are getting covered.

Defining Quality Metrics

- Defining quality standards and metrics for the current project/product
- Working with all stakeholders to ensure that the quality metrics is reviewed, closed and agreed upon
- Make the QA team aware of the Quality matrix and resolve all the queries
- Create a list of milestones and checkpoints and set measurable criteria to check the quality on timely basis

Reporting

- Reviewing status reports and taking appropriate actions accordingly
- Should be focal point of contact for the QA team for all the escalations related to testing and Quality assurance
- Sending crisp and clear status to the higher management
- Creating and defining risks contingencies and plans
- Seeking feedback from management when and wherever necessary

Process improvements

- Ensure that the several testing and validation processes are improved continuously
- Publish the improvements to all the stakeholders and depict the improvements using data points
- Work with the development team to ensure that the quality engineers get apt support like automation hooks or debug builds wherever and whenever possible

Leadership

- Set Quality standards for the team
- Assign various tasks to the engineers as per strength of individual
- Motivating team and taking informative quick decisions
- Resolving conflicts among team members
- Maintaining cordial relationships between cross functional teams like development, configuration management, program management, product managers etc.

Skills and experience

- Good Networking skills / concepts (L3 protocols / VPN / VXLAN / Firewall)

- Good scripting skills (Python)
- Should have worked on network products
- Good knowledge on data center networks as well networks in public cloud.
- Should have played a senior/lead role in QA effort.
- Proven ability to analyze feature requirements and end-to-end user scenarios, and prepare test plans with detailed functional, scale, performance, etc. test cases.
- Experience defining release criteria for feature release, and ensure comprehensive test coverage
- Has designed large scale test infrastructure to cover all levels of test (e.g. performance, scale, load/stress, etc.)
- Can communicate test results and highlight any potential quality risks from the test results
- Ability to interact effectively with software developers to tune code and track all problem reports to closure
- Good knowledge and understanding of Linux, storage, networking, operating systems and cloud scale infrastructure
- Familiarity with version control tools (e.g. git/GitHub), CI tools (e.g. Jenkins), code review tools (e.g. ReviewBoard, Gerrit), issue management and bug life cycle (e.g. Jira) and automation dashboards
- Minimum 8+ years in QA in networking domain with ability to lead a team