

Position : Security Test Lead
Headcount : 1 (NR7)
Department : Product Quality & Reliability Engineering
Employment Type : MIMOS Direct Contract 2 Years
Closing Date : 31 August 2012



Job Description

This expert will analyze, propose and implement special security solution. This expert is also ultimately responsible for ensuring customer software is free from vulnerabilities that can be exploited by an attacker.

Responsibilities

- Manage and execute test projects by working closely with the project/application team, and understand project requirements
- Ensure engaged projects and /or application teams comply with the company testing processes and standards (CMMi & Six Sigma)
- Work with the project/application team to ensure test environment setup are accordance to the test requirement
- Create, execute and maintain manual and automation Test Cases/Scripts
- Accountable for assigned project deliverables, including test reporting (test statistics, measurement, etc) to the reporting manager when required
- Capture and track all defects found during testing, and to work with the project/application team to resolve those defects in a timely manner, and perform regression test after defect resolution
- Review and perform analysis on the test results to determine if the application has passed the testing, and ensure they are resolved, retested and test exit criteria are met

Skills Required

- Understand various Test Methodologies
- Basic programming skills such as C, C++, PHP, ASP, .Net, Java, VB, Database exposure such as Oracle/MySQL and experience in using various platform such as Linux/Unix and Windows.
- Able to work independently with customers/application team to define complex integration issues and to deploy and configure associated applications
- Fundamental understanding of application security essentials including Threat Modeling, SSL / TLS, Digital Signatures, Access Control, Auditing Architectures, Application Vulnerabilities (SQL Injection, Cross-Site Scripting, Buffer Overflows, etc.), Public Key Infrastructure (PKI using RSA), Authorization Authentication, Cryptography, Password Protection, State Management (Cookies, Session), Trusted System is a plus
- Able to work under pressure and to tight time scales with a demonstrable ability to multi task and deliver projects to tight deadlines
- Fundamentals in Network; Protocols, Layers, Routing, Security is a must
- Networking related certification such as CEH/CISSP/CompTIA Security+ is a plus
- Security related certification such as CEH/CISSP/CompTIA Security+ is a plus
- Good interpersonal and communications skills (Fluent in English)
- Familiarity with Rational Tool is a definite advantage

Requirements

- Advanced/Higher/Diploma, Bachelor's Degree, Post Graduate Diploma or Professional Degree in Computer Science / Computer Engineering / Software Engineering / Electronic & Electrical Engineering field.