

# Senior Test Engineer - Automation

May 2022



## Job Purpose

The Senior Test Engineer - Automation role is to Test and Qualify Endace products, including testing methodology, test design, test automation design and execution and coordinating bug reporting and resolution.

## Key Responsibilities

### Technical

- Working with the QA and Appliance Development teams to design and implement test plans and execute test cases for all Endace products
- Working with the QA and Appliance Development teams to build automation frameworks and automation tool selection
- Design, develop and execute automated test scripts
- Develop automation test processes and procedures in conjunction with the QA and Development teams
- Provide regular update and reports on Automation test status during release cycles
- Provide guidance and support to QA and Development team members on automation development and execution
- Design and utilise test applications (e.g. data generators, data validators, mini applications)
- Working with the QA manager to develop and implement the QA test infrastructure
- Assist in the Release testing process

### Organization

- Complete administrative tasks in an accurate and timely manner
- Comply with and actively ensure safe working practices of self and others in accordance with Health and Safety Procedures
- Observe and comply with all polices, procedures and quality management systems
- Positively promote effective communication and provide constructive feedback
- Support and contribute to Endace's positive overall organisational vision, values and culture
- Provide assistance and knowledge of new methods, technologies, products and/or services
- Complete, participate in and occasionally ensure others undertake Career Development Planning
- Show and guide new staff how to undertake tasks and duties.

## Competency Profile

### Technical

- Education to first degree level in Computer Science or equivalent
- 5 plus years' previous test and qualification experience with networking and technology
- Familiarity with monitoring applications such as NetFlow, Snort, Wireshark
- Excellent knowledge of computer and operating systems including Linux and Windows
- Experience in test automation and scripting
- In depth knowledge of system and software testing methodologies
- Good networking and protocol skills and knowledge
- Good knowledge of telecommunications
- Ability to work as a team member and individually. Willingly cooperates and works collaboratively toward solutions that generally benefit all involved parties and accomplish group objectives

- Strong customer perspective values. Demonstrates concern for meeting internal and external customers’ needs in a manner that provides satisfaction for the customer within the resources that can be made available.
- Attention to detail. Achieves thoroughness and accuracy when accomplishing a task through concern for all the areas involved.

## Core

Interpersonal Skills	Understands the attitudes, interests, needs and perspectives of others. Able to interpret non-verbal behaviour of others such as moods and feelings.  Listens carefully and non-defensively to various points of view whether or not they agree with these.
Achievement Drive and Energy	A drive for success and perseuse results. Is action orientated and peruses things with energy and drive.  Dedicated, committed, enthusiastic, positive and motivated. Has courage and persistence in convictions no matter how difficult the task.
Planning, Organising and Prioritising	Undertake set work plans that have localised impact. Keeps a view of department priorities.
Communication Skills	Able to communicate logically, clearly, effectively and confidently at all levels.  Listens intently and ensures other party feels they have been heard and understood.
Tolerance to Ambiguity	Is able to draw together conclusions from incomplete evidence and data – able to act or decide even when details are not clear

## Competitive Edge

- Programming skills in C, UNIX shell, TCL, Java, Python, Perl desirable
- Robot Framework experience is desirable
- Gui testing tools e.g. selenium desirable
- CCNA, CCNP or equivalent qualifications highly desirable
- In depth knowledge of system and software testing methodologies. ISTQB desirable.

---

<b>Date:</b>	May 2022	<b>Job Code:</b>	18105
<b>Title:</b>	Senior Test Engineer - Automation	<b>Level:</b>	Technical 3
<b>Position Reference:</b>	END101	<b>Employment Status:</b>	Permanent
<b>Department:</b>	QA	<b>Hours:</b>	Fulltime
<b>Physical Location:</b>	Hamilton	<b>Budget Level:</b>	NA
<b>Responsible to:</b>	QA Manager	<b>Team Leadership:</b>	Nil