



Position Description

Position title	Test Analyst
Classification	APS5
Location	Brisbane/Sydney/Canberra
UPI number	APS50037

About the Australian Digital Health Agency

The need for a connected healthcare system is greater than ever – one that’s accessible, progressive and secure. Better use of data and technology is helping people live healthier lives, with greater control and better access to important health information.

Tasked with improving health outcomes for Australians through the delivery of digital healthcare systems and the National Digital Health Strategy for Australia, the [Australian Digital Health Agency](#) (the Agency) commenced operations on 1 July 2016.

The Agency is responsible for national digital health services and systems, with a focus on engagement, innovation, clinical quality, and safety. Our focus is on getting data and technology to work for patients, consumers and the healthcare professionals who look after them.

Our vision

A healthier future for Australians through connected healthcare.

Our mission

To create a collaborative environment to accelerate adoption and use of innovative digital services and technologies.

Our values



Working together
collaboratively



Respect and
trust



Transparent



Accountable



Innovative

Our Flexible Work Environment

The success of the Australian Digital Health Agency depends on the ability and opportunity of each individual team member to deliver projects and work outcomes.

The Agency is committed to creating conditions for high performance which includes taking a holistic view of the needs of individuals, while also creating opportunities to build connections and collaborate in ways that support face-to-face and virtual work environments.

To support our principals based flexible work arrangements, the Agency has developed a Flexible Work Arrangement Policy. This policy sets out the conditions under which Agency staff can work, and assists with creating a work environment that enables the Agency and our people to strike a balance of a successful career, and satisfying working life.

Division overview

Digital strategy – responsible for national digital health design and strategy, underpinned by strong clinical governance and digital health standards.

Primary purpose of position

APS5 Test Analyst is accountable under limited direction to perform moderately complex work to deliver and maintain test scripts and specifications and their execution against software products and systems to assure Agency products are fit for purpose and vendor healthcare software products conform to the Agency requirements and standards.

For product testing, the Test Analyst is responsible for:

- Producing test scripts and executing tests for Agency products, such as the CP Validator.
- Participating in consultation with internal project teams as necessary to construct and gain feedback and support for the team's deliverables.

For conformance testing, the Test Analyst is responsible for:

- Developing and maintaining Conformance Test Specifications and executing these in vendor involved observed sessions to assure the software's conformance to published requirements.
- Assisting vendors in the health software industry to understand and apply the conformance tests. This includes developers and testers employed by software vendors and health jurisdictions.

Relevant duties

1. Leadership and Accountability

- Provide technical expertise that contributes to business outcomes by participating in and contributing to quality control and project management processes, tools and methods and document reviews, ensuring test document quality is maintained.
- Apply strong understanding of all aspects of the systems/software development cycle to assist and support Program Managers, Business Analysts, Solution Architects and other Test Analysts to plan tests, test processes and software tools, balancing competing priorities to ensure testing and conformance services are delivered in agreed timeframes; share knowledge with other test analysts in the Risk and Assurance Group.
- Participate in consultation with internal project teams as necessary to construct and gain feedback and support for the team's deliverables.

2. Management Diversity and Span

- Assist, support and contribute to forward planning of testing work schedules, providing progress reporting to team line manager/s and project management.
- Assist in the creation of testing and conformance work instruction documentation and reviewing documents and artifacts that are created within the team as a quality control mechanism.

3. Job Context and Environment

- Design, develop and execute the test cases & test scenarios for software products and tools, including Clinical Package Validator, IQ Rules, Secure Message Delivery, etc
- Write Test Summary/Completion Reports and the end of testing to provide results from testing and confirm products “fit for purpose” and vendor systems meeting conformance.
- Participate in the development of process improvements to test specifications, test data and conformance methodology to ensure continuous improvement or quality within the Conformance Test Specification.

4. Independence and decision-making

- Work independently to construct new test data as per the conformance test specification product requirements utilising previous experience of designing, building and executing test scripts against product requirements, wireframes, technical specifications and Australian and international standards.
- Develop and maintain Conformance Test Specifications and execute these in vendor involved observed sessions to assure the software’s conformance to published requirements.
- With direction from the manager, suggest course of action to stakeholders in relation to testing enquiries; identifying problems or issues (defects, etc) during testing and managing them through to their resolution, escalating more complex information and vendor material issues.

5. Stakeholder Management

- Build and maintain internal and external stakeholder relationships to ensure testing and conformance services are delivered within agreed service levels.
- Support and guide vendor community developers and testers in their take-up of Conformance Test Specifications and supporting documentation, guiding, and observing the testing of vendor software for conformance to the eHealth specifications.

Essential requirements

Ability to obtain and maintain a Baseline security clearance with the ability to obtain and maintain a higher clearance if required by the Agency

Ability to obtain and maintain national police check.

Australian Citizenship is a condition of eligibility.

Restriction duty

Not applicable

Capabilities

These capabilities are in line with the Australian Public Service Commission integrated leadership system which can be found on the [Australian Public Service Commission website](#).

Qualifications

A relevant tertiary qualification is highly desirable and/or experience with the following:

- Domain Health IT systems testing
- Domain services provided by infrastructure providers on behalf of the Agency, including, but not limited to: Unique Health Identifier (HI) Service, Electronic Prescribing, etc
- E-health standards such as HL7 V2 and V3
- Clinical terminology specifications
- Key internetworking and web service specifications such as Transport Layer Security (TLS), Public Key Infrastructure (PKI), Web Service specification (WS-*)
- Modern architectural styles such as SOA and ReST
- Extensible Markup Language (XML), XML Schema Definition (XSD), Cascading Style Sheets (CSS), Java, SOAP UI, Data Extraction, Transformation & Loading (ETL) and Structured Query Language (SQL)
- Schematron scripting language

Working in the APS

Australian Public Service (APS) Values guide us through our working lives, setting expectations for shared behaviour that keep our workplace harmonious and productive. The values are also a promise to the people of Australia that we can be trusted to act with integrity, in their service and in accordance with the Public Service Code of Conduct.