




















# Portal R4 Dublin - Integration Test Plans

This page will track our test plans for S3P functionality (if applicable). When successful, we will update the Release Planning wiki on our status: [Dublin Release Platform Maturity](#)

## Platform Maturity Integration Testing

Area	Actual Level	Targeted Level for current Release	How, Evidences	Comments
Performance	1	1	<div>  <b>PORTAL-171</b> - baseline performance criteria identified and measured as per platform maturity guidelines <span>CLOSED</span> </div> <div>  <b>PORTAL-244</b> - High memory usage? <span>CLOSED</span> </div> <div>  <b>PORTAL-268</b> - Performance and Optimization <span>CLOSED</span> </div>	<ul style="list-style-type: none"> <li>0 -- none</li> <li>1 -- baseline performance criteria identified and measured</li> <li>2 &amp; 3 -- performance improvement plans created &amp; implemented</li> </ul>
Stability	1	1	<p>CSIT tests show the stability of the component - <a href="https://jenkins.onap.org/view/CSIT/job/portal-master-csit-testsuite/">https://jenkins.onap.org/view/CSIT/job/portal-master-csit-testsuite/</a></p> <p>Portal R4 Dublin - Integration Test Plans - discusses the tests and concerns raised. The memory issue is fixed -  <b>PORTAL-244</b> - High memory usage? <span>CLOSED</span></p> <p>Heat and OOM deployments have the instances running for more than 72 hours - <a href="https://jenkins.onap.org/view/External%20Labs/">https://jenkins.onap.org/view/External%20Labs/</a></p> <div>  <b>PORTAL-332</b> - S3P - Stability for Portal - 72 hours platform level soak w/random transactions <span>CLOSED</span> </div>	<ul style="list-style-type: none"> <li>0 -- none</li> <li>1 -- 72 hours component level soak w /random transactions</li> <li>2 -- 72 hours platform level soak w /random transactions</li> <li>3 -- 6 months track record of reduced defect rate</li> </ul>
Resiliency	2	2	<p>Integrated with MUSIC which is one step towards improving the resiliency and scalability</p> <div>  <b>PORTAL-240</b> - Effort to make portal resilient <span>CLOSED</span> </div> <div>  <b>PORTAL-5</b> - Deploy a Portal high availability environment <span>CLOSED</span> </div> <div>  <b>PORTAL-265</b> - OOM integration and enhancement <span>CLOSED</span> </div> <div>  <b>PORTAL-277</b> - Perform Resiliency/Fail-Overs on TLAB Lab <span>CLOSED</span> </div> <p>Portal on OOM</p>	<ul style="list-style-type: none"> <li>0 -- none</li> <li>1 -- manual failure and recovery (&lt; 30 minutes)</li> <li>2 -- automated detection and recovery (single site)</li> <li>3 -- automated detection and recovery (geo redundancy)</li> </ul>

Security	1	1	<p>blocked URL</p> <p>&gt;50% Test Coverage:</p> <ul style="list-style-type: none"> <li>portal line coverage is greater than 50% - <a href="#">sonar link</a></li> <li>portal-sdk line coverage is greater than 50% - <a href="#">sonar link</a></li> </ul> <p>Portal Platform Security/Vulnerability Threats</p> <div>  <b>PORTAL-145</b> - Harden code to address SQL injecton, XSS vulnerabilities <span>CLOSED</span> </div> <div>  <b>PORTAL-155</b> - Review security issues: portal <span>CLOSED</span> </div> <div>  <b>PORTAL-136</b> - Raise JUnit test coverage ONAP Portal to 50% for Beijing <span>CLOSED</span> </div> <div>  <b>PORTAL-269</b> - Security Upgrades <span>CLOSED</span> </div> <div>  <b>PORTAL-266</b> - AAF integration <span>CLOSED</span> </div>	<ul style="list-style-type: none"> <li>Level 0: None</li> <li>Level 1: CII Passing badge</li> </ul> <p>Including no critical and high known vulnerabilities &gt; 60 days old</p> <ul style="list-style-type: none"> <li>Level 2: CII Silver badge, plus: <ul style="list-style-type: none"> <li>All internal/external system communications shall be able to be encrypted.</li> <li>All internal/external service calls shall have common role-based access control and authorization using CADI framework.</li> </ul> </li> <li>Level 3: CII Gold badge</li> </ul> <p>NOTE: Absolute Minimum expectation:</p> <ul style="list-style-type: none"> <li>CII badging passing level</li> <li>Continuously retaining</li> </ul> <p>no critical or high known vulnerabilities &gt; 60 days old</p> <ul style="list-style-type: none"> <li>All communication shall be able to be encrypted and have common role- based access control and authorization.</li> </ul> <p>Desired expectation is full CII badging silver level, if not 75% towards that.</p>
Scalability	1	1	<p>Integrated with MUSIC which is one step towards improving the resiliency and scalability</p> <div>  <b>PORTAL-240</b> - Effort to make portal resilient <span>CLOSED</span> </div> <div>  <b>PORTAL-5</b> - Deploy a Portal high availability environment <span>CLOSED</span> </div> <div>  <b>PORTAL-265</b> - OOM integration and enhancement <span>CLOSED</span> </div> <p>Portal on OOM</p>	<ul style="list-style-type: none"> <li>0 – no ability to scale</li> <li>1 – single site horizontal scaling</li> <li>2 – geographic scaling</li> <li>3 – scaling across multiple ONAP instances</li> </ul>
Manageability	1	1	<div>  <b>PORTAL-170</b> - Logging Improvement <span>CLOSED</span> </div>	<ul style="list-style-type: none"> <li>1 – single logging system across components; instantiation in &lt; 1 hour</li> <li>2 – ability to upgrade a single component; externalized configuration management; adhere to <a href="#">application logging spec V1.2</a></li> <li>3 - tracing across components;</li> </ul>
Usability	2	2	<div>  <b>PORTAL-147</b> - update Portal documentation <span>CLOSED</span> </div>	<ul style="list-style-type: none"> <li>1 – user guide; deployment documentation; API documentation; adherence to coding guidelines</li> <li>2 – API Documentation (<a href="#">new APIs follow policy, rest Swagger 2.0</a>); tutorial documentation</li> <li>3 - UI consistency; <a href="#">usability testing</a>; <a href="#">API Documentation (changed and external APIs follow policy)</a></li> <li>4 – API Documentation (all follow policy)</li> </ul>