

# Infrastructure Automation Test Framework

## Governance and Auditing Test

Test	Steps
Compliance Testing	<ol style="list-style-type: none"><li>1. Verify compliance with regulatory requirements.</li><li>2. Test adherence to industry standards.</li><li>3. Validate internal policy enforcement.</li></ol>
Security Testing	<ol style="list-style-type: none"><li>1. Test security controls (e.g., firewalls, access controls).</li><li>2. Verify secure data transmission and storage.</li><li>3. Identify vulnerabilities and weaknesses</li></ol>
Access Control Testing	<ol style="list-style-type: none"><li>1. Verify role-based access control (RBAC).</li><li>2. Test least privilege access.</li><li>3. Check segregation of duties.</li></ol>
Audit Logging Testing	<ol style="list-style-type: none"><li>1. Verify audit log collection and storage.</li><li>2. Test audit log analysis and reporting.</li><li>3. Check audit log security and integrity.</li></ol>