

**AUDIT AND RISK COMMITTEE 06 APRIL 2011**

**ANNEX B**

External audit report recommendations previously agreed by the Committee.



Ref	Recommendation	Agreed Yes/No	Proposed Action or reason for disagreement	Responsibility	Timetable for Action
					<p><i>and detailed evaluation will take place in May 2011.</i></p> <ul style="list-style-type: none"> <li><i>• All public facing network connections will consolidated onto two firewalls, one at HQ and one at our disaster recovery site. IDS/IPS modules, configured to work with the log management tool, will be installed in these firewalls. This work is scheduled to follow on from log management procurement.</i></li> </ul> <p><i>13/6/2011 – Tenders have been evaluated. Unfortunately only one solution is within the original projected budget and that falls short of the requirement. Report under preparation to consider way forward.</i></p> <p><i>24/8/2011 – Due to the issues raised at entry for 13/6/11, project still at tender stage awaiting suitable submission.</i></p>

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8	<p><b>Oracle Database</b></p> <ul style="list-style-type: none"> <li>auditing functionality should be enabled;</li> <li>separate environments should exist for production, testing and development; and</li> <li>all security patches should be applied when released following successful testing.</li> </ul>	No	<p>There is a restriction in the application that prevents database read/writes being attributed to individual users. We will explore the cost/viability of changing this restriction and enabling auditing at the database level.</p> <p>We do not do development but accept it is best practise to maintain a test environment. We have test environments for the database and application and will explore the costs of creating a separate Oracle environment to enable patching and version changes to be tested.</p> <p>27/4/10 Update (Paul Fingleton) - Auditing – Discussed auditing with the suppliers and have come to the conclusion that auditing the oracle database is unlikely to provide any meaningful information. However, the application does produce a system log and we are pursuing an option to develop this into a readable/searchable format. This will provide more targeted information than an oracle audit. Awaiting a decision regarding funding this option.</p> <p>Separate physical environments - Awaiting costs from our supplier to license the Sage software on a development and test server. Costs should be forthcoming in the next week or so, to present to project board to consider funding.</p> <p>Oracle patching - Pending funding of the development and test server, it will allow the application and testing of oracle security patches in a safe environment, prior to release to production.</p>	<p>Tim Glover</p> <p>Paul Fingleton</p>	<p><b>12/11/10 Update – Costed business cases to complete the outstanding elements of this recommendation were considered by the Information Management Strategic Infrastructure Board on 5/11/10. The board recognised that adoption of these practices would be best possible practice but the cost of implementation is not currently affordable and it was therefore decided to accept the residual risk.</b></p> <p><b>30/3/11 – No change</b></p> <p><b>13/6/2011 – As the Force has considered and chosen to accept the residual risk this recommendation</b></p>

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					<i>should be considered COMPLETE.</i>