

Detailed Follow Up Report - Auditor Determined Status

Rec#	Recommendation	Auditor FollowUp	City Auditor's Status	Closed
2106	Network Security Audit		Issued:	5/3/2021
1A	The IT department should formalize configuration and hardening standards for servers and database environments.	Sept 2021: The department has created standards for configuration and hardening servers and databases.	Implemented	<input checked="" type="checkbox"/>
1B	The IT department should create a Memorandum of Understanding (MOU) between the IT department and each of the other City technology groups. The MOUs should clearly define IT and departmental roles and responsibilities to help ensure configuration standards and patching responsibilities are being followed.	Sept 2021: The department has developed a draft template. Once finalized, they will work with the department technology groups to implement. Dec 2021: The department reported that, with recent security events around the world, they are planning to enhance the current draft template before its completion and to establish the new governance framework. The department expects to complete this by March 2022. Mar 2022: The department reported that the MOU draft has been updated and is being routed through the IT management team for final review before roll-out to the city departments' Technology Partners. June 2022: The department finalized its MOU template and is working on a communications plan to deploy it to city departments.	Implemented	<input checked="" type="checkbox"/>
1C	The IT department should perform a resource needs assessment of the IT security function to help ensure it is appropriately resourced and has the required skill sets.	Sept 2021: The department is reviewing vendor options to obtain the resource needs assessment, and plans to complete this recommendation by December 31. Dec 2021: The department reported the resource needs assessment has been completed and it is working on obtaining funding for additional positions.	Implemented	<input checked="" type="checkbox"/>

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1D	The IT department should prioritize completion of the disaster recovery business continuity plan and test the plan.	<p>Sept 2021: The department reported it is on track to complete this recommendation by December 31 as planned. The plan will include details about how each section needs to be tested, with a goal to test all sections at least annually. Dec 2021: The department reported 90% completion of the DR/BC plan. The target implementation date has been updated to the end of January 2022. Mar 2022: The department reported 95% of the plan is complete. The team continues documenting steps to complete the tests for each essential service, and less than a handful remain to be completed. The priority order for services to be restored is being developed. In parallel, the team is documenting Test results and failover capabilities for individual essential IT services. June 2022: The department reported its disaster recovery plan for its essential services has been completed.</p>	Implemented	<input checked="" type="checkbox"/>
2	The IT department should appropriately prioritize addressing the matters detailed in the security assessment.	<p>Sept 2021: The department reported half of the 14 items identified have been completed, and they are on track to complete as planned. Several of these will not be completed until December 2022 based on replacement timing. Dec 2021: The department reported it continues to make progress on the identified items, with two more completed. Mar 2022: The department reported that 7 items remain to complete, with 5 being actively worked on. One additional item has a potential solution identified, but the work has not yet started. June 2022: The department reported it has completed 8 of the 14 items and 5 others are in process. This action item is not expected to be completed until December 2022. Jan 2023: The department reported that it continues to work on the 5 items in process and expects to complete them by June 2023. June 2023: The department reported that they are continuing to work on 3 remaining items that are in progress. Two are expected to be completed December 2023 and the last one in December 2024.</p>	In Progress	<input checked="" type="checkbox"/>