

MEMORANDUM

DATE: September 27, 2016

TO: Governor's Office of Budget, Planning and Policy
Legislative Budget Board
Sunset Advisory Commission

FROM: Sherri Magnus *Sherri Magnus*
Vice President and Chief Audit Officer

Re: 16-408: Attack & Penetration Test
Issued to SAO: August 31, 2016

The University of Texas MD Anderson Cancer Center Internal Audit department conducted an assessment of the Attack & Penetration Test. The objective of the audit was to:

perform an assessment of the MD Anderson network environment to identify exploitable vulnerabilities and insecure configurations. The assessment conducted during the months of April and May of 2016 included the following activities:

- 1. **External network security assessment** to identify and attempt to exploit weaknesses in MD Anderson's Internet-facing systems from uninformed and non-credentialed external threats; and*
- 2. **Internal network security assessment** to identify and attempt to exploit weaknesses in MD Anderson's internal network systems from the perspective of an individual that has access to an MD Anderson facility and standard network access. This exercise attempted to simulate the risks of unauthorized access by an uninformed insider or outsider who gained access to MD Anderson's physical network.*

The report contains confidential information that relates to technology and is not subject to the disclosure requirements of the Texas Public Information Act, based on the exception found in Government Code §552.139. Specific results were made to the appropriate management members.