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Office of the Auditor General

Report Summary

Performance Audit

Report Number:
071-0570-18

MILogin

Department of Technology, Management, and Budget (DTMB)

Released:
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MILogin is the State's identity, credential, and access management system. MILogin was implemented in October 2014. MILogin enables the State to establish and manage user identities and access across IT systems and applications. MILogin functionality includes desktop and mobile single sign-on, identity federation, password management, identity proofing, and multi-factor authentication services. MILogin users include State employees, contractors, business partners, and citizens as well as other states and local units of government. DTMB's Center for Shared Solutions is responsible for the integration and operation of MILogin. As of October 2019, MILogin had 227 links to IT systems and applications.

Audit Objective			Conclusion
Objective #1: To assess the effectiveness of controls over MILogin administration and end user account management.			Moderately effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
MILogin privileged activity was not sufficiently monitored, unique accounts were not used for all administrative work, and test accounts were not adequately controlled. Also, improvements would occur with periodic recertification of agency authorized approvers and user authorizations (Finding #1).	X		Partially agrees
DTMB, in conjunction with State agencies, should ensure that all information systems utilizing MILogin have a system security plan and an authorization to operate. Fifty-three percent of systems sampled appeared to require a higher authentication level based on the agency's reported data classification level (Finding #2).		X	Agrees
For public users, DTMB should assess the need to update certain MILogin security parameters. MILogin's automated controls did not function as intended for certain accounts (Finding #3).		X	Partially agrees

Audit Objective			Conclusion
Objective #2: To assess the effectiveness of DTMB's efforts to ensure that MILogin properly authorizes application access.			Moderately effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
See Finding #1, part d. and Finding #2, part a. (2).			

Audit Objective			Conclusion
Objective #3: To assess the effectiveness of DTMB's controls to ensure the availability of MILogin.			Moderately effective
Findings Related to This Audit Objective	Material Condition	Reportable Condition	Agency Preliminary Response
MILogin backup files were not always created, disaster recovery plans were not fully tested, and vulnerability scans were not always run (<u>Finding #4</u>).		X	Agrees

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