

Texas Higher Education Coordinating Board

**Update - FY2021 Key Security Initiatives
Implementation Roadmap**

Zhenzhen Sun, Assistant Commissioner/Chief Information Officer

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Agenda

Overview

FY2021 Agency Cybersecurity Framework Assessment Results

FY2022 Key Security Initiatives Implementation Roadmap

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Overview

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THECB Cybersecurity Framework



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Information Security Governance at THECB

- Security Governance
 - Sets direction and priority
- Security Management
 - Implements the security program
- Security Operations
 - Executes the plan



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FY2021 Agency Cybersecurity Framework Assessment Results

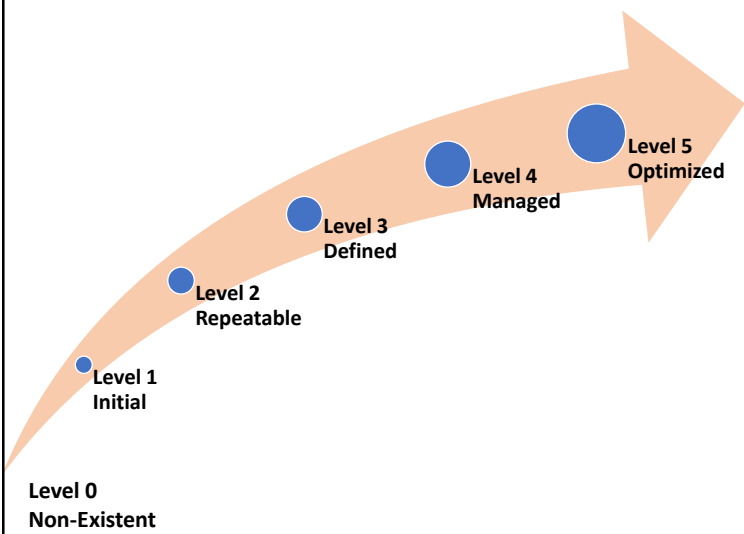
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Biennial Cybersecurity Framework Assessment

- As a state agency, the Coordinating Board is required by the statute to go through a biennial review of its information security program for compliance with the standards set forth by the Texas Cybersecurity Framework.
- In the first quarter of 2021, AT&T Cybersecurity, vendor contracted by the Department of Information Resources (DIR), conducted an assessment on the 42 control objectives implemented at the agency.
- AT&T Assessor presented the final report and key recommendations at the April 2021 AOC meeting.

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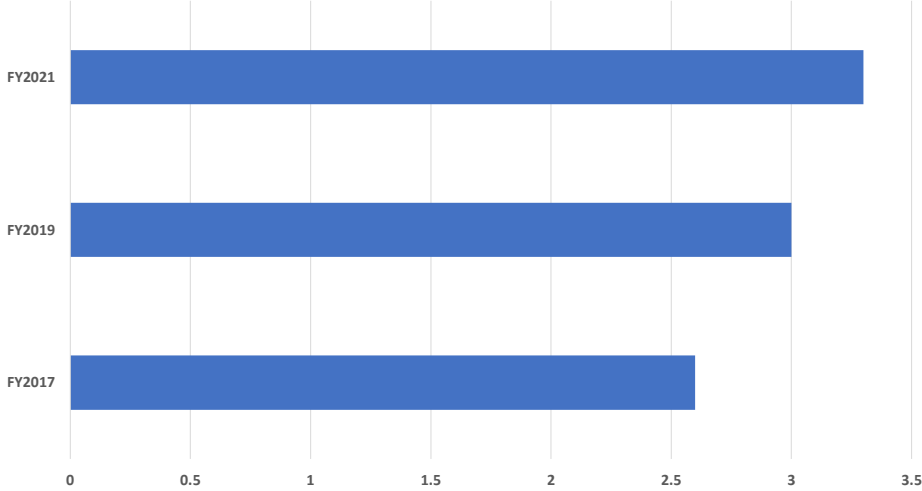
Control Objective Maturity Scores



Maturity Criteria	
0	There is no evidence of the organization meeting the objective.
1	The organization has an ad hoc, or inconsistent, or reactive approach to meeting the objective.
2	The organization has a consistent overall approach to meeting the objective, but it is still mostly reactive and undocumented. The organization does not routinely measure or enforce policy compliance.
3	The organization has a documented, detailed approach to meeting the objective, and regularly measures its compliance.
4	The organization uses an established risk management framework to measure and evaluate risk and integrate improvements beyond the requirements of applicable regulations.
5	The organization has refined its standards and practices focusing on ways to improve its capabilities in the most efficient and cost-effective manner.

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FY2017 – 2021 Overall Maturity Scores



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Key Recommendations - FY2021 Assessment

- Document and review all accounts with elevated access and develop a strategy for sustained minimization.
- Work with general counsel and procurement leadership to define the agency’s base set of contractual security requirements for information technology with third parties and include the additional contractual terms and conditions for Cloud technologies.
- Baseline configurations should be thoroughly tested, formally approved, and then modified only through change control.

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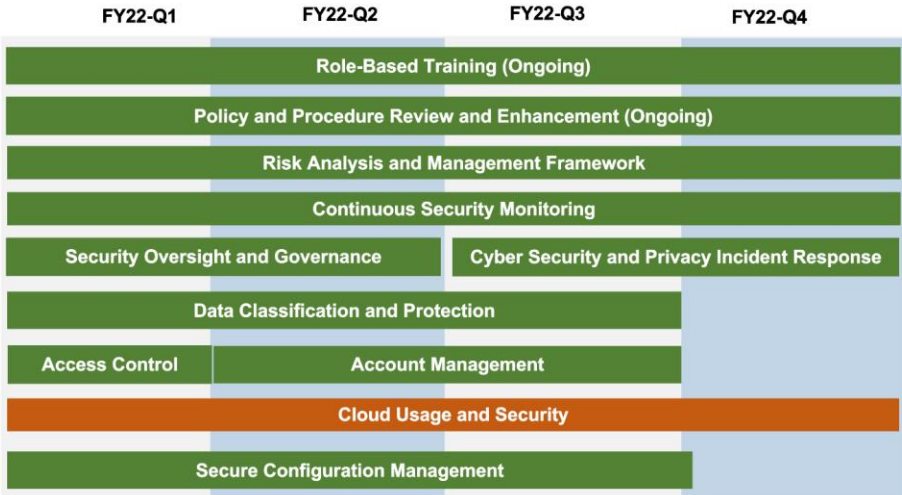
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