

Update on the Key
Initiatives Recommended
by NTT Data regarding the
Agency Cyber Security
Framework

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Background Information

- **NTT Data, Inc.**

- is a vendor contracted by the Department of Information Resources (DIR).
- performed an assessment of the THECB's cybersecurity infrastructure using the TX Cyber Security Framework between April and June, 2017.
- presented the final report and recommendations to the Board in a Special Called Board meeting on June 28th, 2017.

- **TX Cyber Security Framework**

- Senate Bill 1134, 83rd Texas Legislature, required DIR develop strategies and a framework for the securing of cyber infrastructure by state agencies.
- DIR subsequently worked with a committee and developed a framework and template that can help agencies comply with requirements.

NTT Data Assessment Results

- There are 40 objectives in the TX Cyber Security Framework.
- THECB scored **higher than** the state agency average in 34 objectives.
- 3 objectives received scores **equal to** the state agency average
- 3 objectives received scores **lower than** the state agency average
 - Security Awareness and Training
 - Identification & Authentication
 - Cybersecurity Incident Response

Implementation Strategy and Progress Reports

- The Implementation Roadmap is composed of 9 major initiatives.
- The Assistant Commissioner of Information Solutions and Services (ISS) and the agency Information Security Officer (ISO) will update the Board on a quarterly basis during FY18.
- First Quarterly Progress Report
 - We've been making good strides in meeting the goals and objectives.
 - Due to the mandated hiring freeze, so far the pace of progress has not been as fast as we'd hoped.
 - ISS is working on making the Information Security team fully staffed in November.

Progress Report – FY18 Q1

Policies & Procedures Framework Development

- Established a formal security governance structure
- Completed updates to Policy for *Configuration Management and Incident Response*
- Completed updates to 7 security-related procedures supporting NTT Data recommendations

Security Risk Assessment

- Established a risk assessment tool
- Adapted the tool to be data centric – *data is one of the agency's most valuable assets*
- Working with Application and Data Owners to verify the risk profile and collect data relationships
- Results will be documented and presented to the agency executive management team

Progress Report – FY18 Q1

Security Role Based Training Program

- Completed Phase I training to the agency staff
 - ❑ *Safeguarding Sensitive PII (Personally Identifiable Information)*
- Currently developing training content on *Data Owner Roles and Responsibilities*

Asset Inventory

- Ran USB Device Survey to collect information on use at the agency
- Currently building an *agency-wide data and systems inventory* with results to feed into subsequent data and assets management process
- Developing additional USB and removable media device controls and inventory process

Configuration Hardening Standards

- Risk Assessment results will be used to prioritize documenting and the implementation of configuration hardening for agency critical assets

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