Presentation to the House Select Committee on Cybersecurity

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TEXAS Health and Human Services

Health and Human Services System

- Has more than 38,000 full-time employees
- Operates more than 700 offices
- Administers more than 200 programs
- Serves more than 5 million clients
- Manages more than 115,000 computer devices
- Is responsible for 1.6 million network addresses
- Faces more than 94 million cyber attacks annually

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HHS Compliance Requirements

The Most Stringent Agency Compliance Requirements:

- Health Insurance Portability and Accountability Act (HIPAA)
- Internal Revenue Service/Federal Tax Information (IRS/FTI)
- Criminal Justice Information Services (CJIS)
- Social Security Administration (SSA)
- Centers for Medicare & Medicaid Services (CMS)
- Federal Information Security Management Act (FISMA)
- Family Educational Rights and Privacy Act (FERPA)
- Health Information Technology for Economic and Clinical Health (HITECH)
- United States Department of Agriculture (USDA)
- Centers for Disease Control and Prevention (CDC)
- Texas Administrative Code (TAC) 202
- Texas Business and Commerce Code, Title 11, Sub. B, Ch. 521

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HHS Security Program

The HHS Security Program strategy covers people, processes, and technology, with a proactive approach that includes security controls to identify, protect, detect, respond, and recover.

HHS Security Frameworks

The HHS Security Program is based on well-established federal, state, and international frameworks, standards, and best practices

- **Texas** - Texas Cybersecurity Framework
- **Federal** - National Institute of Standards and Technology (NIST)
- **International** - International Standards Organization and International Electrotechnical Commission (ISO/IEC) 27000-series of information security standards
- **Best Practices** - Center for Internet Security (CIS) Controls

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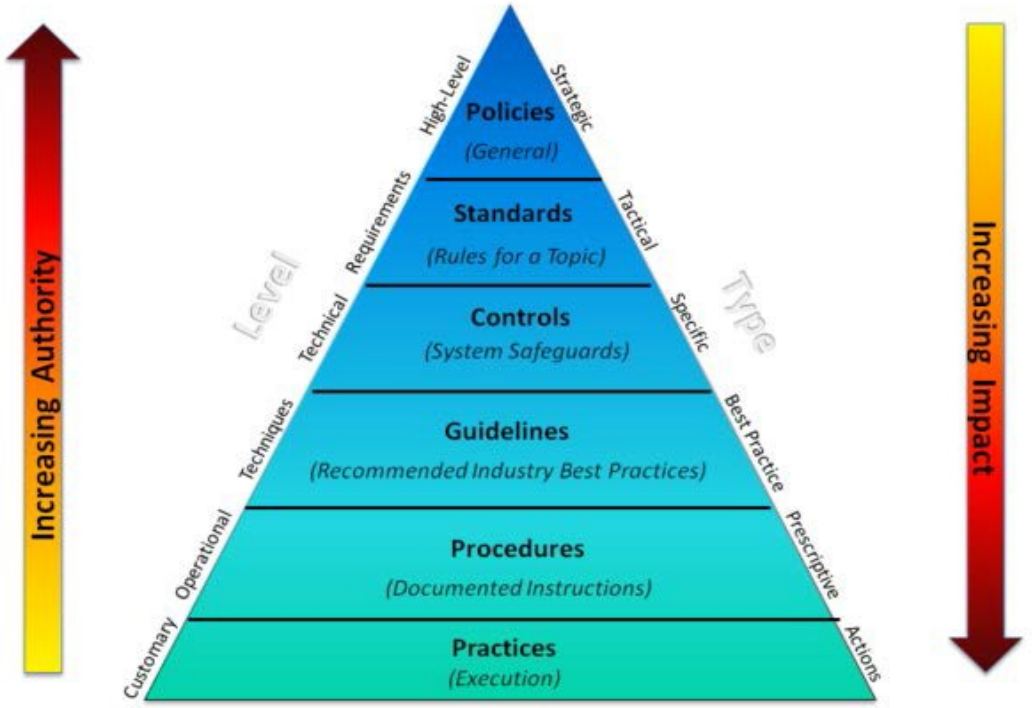
HHS Information Security Documentation Structure

Security publications propagate security throughout the agency



Security is everyone's responsibility!

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HB 8, 85th Legislature, Regular Session, 2017
The Texas Cybersecurity Act

The new Act amends sections of the Texas Government Code by requiring the development of studies, plans, and annual reviews by state agencies to promote cybersecurity for state agency information services.

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HB 8 Requirements

Requirements	Status
Agencies shall redact certain confidential information from contracts before posting to website (Government Code, Section 552.139)	HHS has published security standards enforcing this section
DIR shall provide mandatory guidelines regarding continuing education requirements for cybersecurity training for information resources employees (Government Code, Section 2054.076)	HHS has incorporated the new requirements into its security training program
State agencies shall prepare a vulnerability report biennially each even-numbered year (Government Code, Section 2054.077)	HHS will submit its next report on schedule by October 15, 2018

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HB 8 Requirements *(continued)*

Requirements	Status
Each state agency shall include in the agency's information security plan a written acknowledgment that executive management have been made aware of the risks revealed during the preparation of the agency's information security plan (Government Code, Section 2054.133)	HHS has incorporated a written acknowledgement from the annotated parties into its biennial security plan
Each state agency shall conduct at least once every two years an information security assessment of the agency's information resources systems, network systems, digital data storage systems, digital data security measures, and information resources vulnerabilities (Government Code, Section 2054.515)	HHS complies with this section, and will be submitting the report as required no later than December 1, 2019

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HB 8 Requirements *(continued)*

Requirements	Status
Each state agency shall: implement an Internet website or mobile application that processes any sensitive personal information or confidential information; and submit a biennial data security plan to the department not later than October 15 of each even-numbered year (Government Code, Section 2054.516)	HHS will submit its next report on schedule by October 15, 2018
Each state agency shall identify, with available funds, information security issues and develop a plan to prioritize the remediation and mitigation of those issues (Government Code Section 2054.575(a))	HHS complies with this section, and works with each of the responsible HHS departments and areas

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New HHS Exceptional Item Funding Requests

- Additional Remediation and Mitigation of Security Issues
- Security Risk Assessment Resources
- Technology Control Improvements

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