



DRAFT – For Discussion Purposes Only

State of South Carolina – Information Security Analysis

Weekly Status Report

March 29, 2013

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I. Executive Summary Dashboard

Reporting Date: March 29, 2013

Timeline impacted, address ASAP
 Timeline may be impacted
 On schedule, no major issues
 Project milestone not started

Accomplishments		
Agency	Immediately Address Serious Security Vulnerabilities	Security Risk Assessments
B&CB	<ul style="list-style-type: none"> Kick off meeting completed External scanning completed False positive analysis in process 	<ul style="list-style-type: none"> Kick off meeting completed 2 Workshops (2 of 3) completed Documentation and data analysis in process
PPP	<ul style="list-style-type: none"> Kick off meeting completed External scanning scheduled 	<ul style="list-style-type: none"> Kick off meeting completed 1 Workshop (1 of 3) completed Documentation and data analysis in process
DHEC	<ul style="list-style-type: none"> Kick off meeting completed External scanning in process 	<ul style="list-style-type: none"> Kick off meeting completed 1 Workshop (1 of 3) completed Documentation and data analysis in process

Risk/Issues

- No issues or risks identified

Highlights

- Engaged 12 on-site and 6 remote Deloitte professionals
- Vulnerability Assessment - External scanning completed
- Risk Assessment - Kickoff meetings and initial risk assessment meetings for all agencies are completed
- Governance session scheduled for April 3 - April 4

Status	Milestone	Start	End	%
	Kick off with each agency	3/25	3/27	100
	Immediately Address Serious Security Vulnerabilities	3/26	4/25	15
	Security Risk Assessments	3/26	4/25	20
	Strategy and Recommendations	3/26	5/01	5

State of South Carolina Vulnerability Assessment

II. Vulnerability Assessment – B&CB

Reporting Date: March 29, 2013

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues
●	●	●

Status Key:

Status	Definition
●	On schedule, no major issues
●	Timeline may be impacted
●	Timeline impacted, address ASAP
○	Project milestone not started

OVERALL (25%)



Accomplishments to Date

- Initial scanning of external network range is complete
- Analysis of vulnerabilities on B&CB network is complete (false positive analysis)
- Communicated the testing schedule for B&CB internal ranges
- Target network ranges have been finalized
- Initiated discussion with the network services team regarding the collection of logs for the diagnostics services

Activities Planned for the Upcoming Week

- Confirm the schedule for B&CB network scanning
- Continue the scanning and analysis on the B&CB target network ranges from internal network
- Collect the logs from different network components for diagnostics activities

Issues and Risks

- Testing window for B&CB network space (Internal testing) has been provided only during non-business hours. This might impact the timeline. The testing schedule will be finalized depending on the resources for next week during non-business hours.

Decision Log

Status	Milestone	Start	End	%
●	Planning and Kick Off	3/23	3/26	100
●	External network vulnerability test	3/23	4/15	90
●	Internal network vulnerability test	3/26	4/15	10
○	Web application vulnerability testing	3/26	4/21	0
○	Intranet cyber compromise diagnostic	3/26	4/21	0
○	Remote access diagnostic	3/26	4/21	0
○	Rogue device discovery diagnostic	3/26	4/21	0
○	Firewall rule set/ACL analysis	3/26	4/14	0
○	Assess perimeter security monitoring	4/8	4/21	0
○	Reporting	3/23	4/24	0

Follow up Items

- Develop a schedule next week and socialize with B&CB team with an objective to accomplish most of the automated scans during business hours.

II. Vulnerability Assessment – DHEC

Reporting Date: March 29, 2013

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues
●	●	●

Status Key:

Status	Definition
●	On schedule, no major issues
●	Timeline may be impacted
●	Timeline impacted, address ASAP
○	Project milestone not started

OVERALL (15%)



Accomplishments to Date

- Kick off meeting with DHEC team regarding vulnerability testing and clarifications on testing procedures were completed
- External Scanning on DHEC Internet IP ranges has started
- VPN connection to DHEC is established

Activities Planned for the Upcoming Week

- Schedule the internal scanning and socialize with DHEC team
- Initiate the discussion to collect the network device logs and Firewall information for diagnostics related activities

Issues and Risks

- The number of IP addresses in scope for DHEC is more than 200,000 (approx). Selection for detailed analysis will be based on best effort basis to accomplish the testing in the given time line.

Decision Log

- None

Status	Milestone	Start	End	%
●	Planning and Kick Off	3/23	3/26	100
●	External network vulnerability test	3/26	4/21	90
○	Internal network vulnerability test	3/26	4/21	0
○	Web application vulnerability testing	3/26	4/21	0
○	Intranet cyber compromise diagnostic	3/26	4/21	0
○	Remote access diagnostic	3/26	4/21	0
○	Rogue device discovery diagnostic	3/26	4/21	0
○	Firewall rule set/ACL analysis	3/26	4/14	0
○	Assess perimeter security monitoring	4/8	4/21	0
○	Reporting	3/23	4/24	0

Follow up Items

- None

II. Vulnerability Assessment – PPP

Reporting Date: March 29, 2013

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues
●	●	●

Status Key:

Status	Definition
●	On schedule, no major issues
●	Timeline may be impacted
●	Timeline impacted, address ASAP
○	Project milestone not started

OVERALL (5%)



Accomplishments to Date

- Kick off meeting with PPP team regarding vulnerability testing and clarifications on testing procedures were completed
- VPN connection to PPP is established
- Initial schedule of PPP testing activities has been communicated

Activities Planned for the Upcoming Week

- Initiate the internal scanning on the PPP internal network ranges
- Initiate the discussion to collect the network logs and firewall information for diagnostics related activities

Issues and Risks

- None

Decision Log

- None

Status	Milestone	Start	End	%
●	Planning and Kick Off	3/23	3/26	100
○	External network vulnerability test	3/26	4/21	0
○	Internal network vulnerability test	3/26	4/21	0
○	Web application vulnerability testing	3/26	4/21	0
○	Intranet cyber compromise diagnostic	3/26	4/21	0
○	Remote access diagnostic	3/26	4/21	0
○	Rogue device discovery diagnostic	3/26	4/21	0
○	Firewall rule set/ACL analysis	3/26	4/14	0
○	Assess perimeter security monitoring	4/8	4/21	0
○	Reporting	3/23	4/24	0

Follow up Items

- Initiate the scanning on the internal ranges of PPP

State of South Carolina Information Security Risk Assessment

III. Information Security Risk Assessment – B&CB

Reporting Date: March 29, 2013

Status	Definition
	On schedule, no major issues
	Timeline may be impacted
	Timeline impacted, address ASAP
	Project milestone not started

Status Key:

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues

OVERALL (25%)



Accomplishments to Date

- Conducted risk assessment kick-off meeting with B&CB
- Established risk assessment framework & tools (internal)
- Conducted B&CB workshop on 3/28/13 for (Governance; IT Risk Strategy & Management; Asset Management; Business Continuity Management; Data Protection & Privacy, IT Compliance; Change Management; IS Acquisition Development & Maintenance; Identity Access Management; Physical & Environmental Security; Security & Awareness Training; and Communications Strategy)
- Conducted B&CB workshop on 3/29/13 (Security Operations; and Threat & Vulnerability Management)

Activities Planned for the Upcoming Week

- Conduct follow up workshops for B&CB
- Analyze the current state (ongoing); core team to be onsite full-time
- Populate the assessment tool

Issues and Risks

- None

Decision Log

- None

Status	Milestone	Start	End	%
	Planning and Kick Off	3/23	3/26	100
	Understand security and privacy requirements	3/23	4/5	90
	Analyze the current state	3/26	4/12	10
	Recommend and rationalize	4/15	4/23	0
	Final report	4/15	4/24	0

Follow up Items

- Scheduling remaining information security workshops with IT Director

III. Information Security Risk Assessment – DHEC

Reporting Date: March 29, 2013

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues
●	●	●

Status Key:

Status	Definition
●	On schedule, no major issues
●	Timeline may be impacted
●	Timeline impacted, address ASAP
○	Project milestone not started

OVERALL (15%)



Accomplishments to Date

- Conducted risk assessment kick-off meeting with DHEC
- Established risk assessment framework & tools (internal)
- Conducted Information Security workshop on 3/28 (Asset Management; Physical Security; IS Acquisition Dev & Maintenance; Change Management; Business Continuity Management)

Activities Planned for the Upcoming Week

- Complete remaining preliminary information security workshops
- Analyze the current state (ongoing); core team to be onsite full-time
- Populate the assessment tool

Issues and Risks

- None

Decision Log

- None

Status	Milestone	Start	End	%
●	Planning and Kick Off	3/23	3/26	100
●	Understand security and privacy requirements	3/23	4/5	75
○	Analyze the current state	3/26	4/12	0
○	Recommend and rationalize	4/15	4/23	0
○	Final report	4/15	4/24	0

Follow up Items

- Scheduling remaining information security workshops with IT Director

III. Information Security Risk Assessment – PPP

Reporting Date: March 29, 2013

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues
●	●	●

Status Key:

Status	Definition
●	On schedule, no major issues
●	Timeline may be impacted
●	Timeline impacted, address ASAP
○	Project milestone not started

OVERALL (10%)



Accomplishments to Date

- Conducted risk assessment kick-off meeting with PPP
- Established risk assessment framework & tools (internal)
- Conducted Information Security workshop on 3/28/13 (Governance; IT Risk Strategy and Management)

Activities Planned for the Upcoming Week

- Complete remaining preliminary information security workshops
- Analyze the current state (ongoing); core team to be onsite full-time
- Populate the assessment tool

Issues and Risks

- None

Decision Log

- None

Status	Milestone	Start	End	%
●	Planning and Kick Off	3/23	3/26	100
●	Understand security and privacy requirements	3/23	4/5	25
○	Analyze the current state	3/26	4/12	0
○	Recommend and rationalize	4/15	4/23	0
○	Final report	4/15	4/24	0

Follow up Items

- None

State of South Carolina Strategy and Recommendations

IV. Strategy and Recommendations

Reporting Date: March 29, 2013

Key Project Performance Indicators:

Scope	Schedule	Project Risks/Issues
●	●	●

Status Key:

Status	Definition
●	On schedule, no major issues
●	Timeline may be impacted
●	Timeline impacted, address ASAP
○	Project milestone not started

OVERALL (5%)



Accomplishments to Date

- None

Activities Planned for the Upcoming Week

- Interview session with Art Stevens scheduled
- Information gathering from other States

Issues and Risks

- None

Decision Log

- None

Status	Milestone	Start	End	%
●	Strategy/recommendation analysis	4/1	4/26	10
○	Final report	4/26	5/1	0

Follow up Items

- None