James C. DiPaula, Jr.
Secretary

MARYLAND
DEPARTMENT OF
BUDGET & MANAGEMENT

Robert L. Ehrlich, Jr.
Governor

Michael S. Steele
Lt. Governor

Where Are We in State Cyber Security

September 30, 2004

Carmella Thompson

Chief Information Security Officer

Cyber Security Goals for the State

- Support continuity of government
- Protect the confidentiality of non-public government, commercial & personal information
- Protect the integrity of State data and IT systems
- Provide availability of IT resources to support operation of critical business functions
- Mitigate our risks

IT Security Program Domains

- Awareness
- Prevention
- Response
- Recovery

Awareness

- Web Security Community
  - Information includes helpful IT security links to State, Federal and Private resources
- IT Security Awareness Computer Based Training
  - Developed to provide a foundation for IT security for all State employees
- Vendor Specific Workshops
  - Microsoft June Workshop

Awareness

- National Web Cast initiative
  - The DHS, through its Computer Emergency Readiness Team (US-CERT), and the Multi-State Information Sharing and Analysis Center (MS-ISAC)
  - A collaborative effort between government and the private sector to help strengthen our Nation's cyber readiness and resilience
  - Criteria for webcast is it must be educational

Prevention

- Information Technology Security Policy and Standards
  - Update will be issued 4th quarter 2004
  - Major change - wireless network standards
- Certification and Accreditation
  - Modified to use the recently released NIST Guidance
  - Several systems have been reviewed

Prevention

- Incident Response Capability
  - State Bulletins Issued
  - Security Office will maintain a database going forward
  - A revised incident handling procedures will be distributed before CY2004

- Web Self-Assessment – Annual State Data Security Survey
  - Information gathered at the Program level
  - October 2004

Response

- SAIC IRC continues until end of task order
- Multi-State ISAC provides additional resources
  - Coordinated national support effort for 49 states
  - Recognized an supported by the DHS
  - First national conference sponsored by DHS 38 states participated
  - State profiles will be gathered
  - Strong support structure
  - National Cyber Alert procedures and protocol

Response

- Reporting of IT security incidents is required
- Reporting will provide information on that will determine the extent of the incident
- Reporting will build a stronger support structure within the State
- Number and extent of incidents will provide information that can be used to justify IT security expenditures

Recovery

- Updated Disaster Recovery Guidance
  - July 2003
  - Sample Template updated March 2004
  - Updated Training program
- Agency IT DR ‘ Quick Plans’ were completed
- Information on critical applications and DR capability will be tracked in IT Security Survey

Recovery

- New survey database will provide capability for compiling information at the State level
- Working with MEMA and the BCP effort
- MEMA has organized a cross agency committee to review agency alternate work sites
- MEMA is piloting disaster recovery software

Ongoing Efforts

- Improving IT security through out the State
- Updating and maintaining policy and standards
- State Data Security Committee
- Continuing partnerships between MEMA, DBM, non-State organizations, and information sharing and analysis centers

Ongoing Efforts

- Focus on continuity of operations plans for each agency to drive the IT disaster recovery priorities
- Cyber-security training & education
- Security & disaster recovery readiness – plan, test, implement

www.dbm.maryland.gov : IT Security

Security - Microsoft Internet Explorer

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8/3/2004

Welcome to Information Technology Security

The Annual State Data Security Survey for Executive Branch agencies will be distributed **August 2004**.

Send comments, suggestions, and questions to: security@dbm.state.md.us

Conferences And Events

- ! REGISTER NOW for the 2004 IT Security Conference (State Employees Only)
- Information Technology Security and Privacy Conference Sept 2003

Message Board

Statewide Information Technology Security Program

The Statewide Information Technology Security Program provides strong IT security principles, innovative and cost effective IT security strategies, IT security policies and standards, guidance and education for IT security products and services statewide.

IT Security

- **Awareness Training And Education**
  Information on the awareness program including lesson plans and automated training modules.
- **Prevention**
  Information to mitigate the information technology security risks.
- **Response And Recovery**
  Information on maintaining and providing government services to all customers and business users following detection of an incident.
- **State Agency Corner**
  Information of interest to Maryland state agencies.
- **State Data Security Committee**
  Information on the Committee formed by Executive Order to regularly evaluate the security of state Executive branch agency systems containing computerized records.

Additional Security Resources

- Stay Safe Online
- Home Computer Security Information
- National Institute of Standards and Technology Special Publications
- Draft NIST Special Pub.800-68 Securing MSWindows XP Systems for IT Professionals
- Computer Emergency Response Team Coordination Center
- National InfraGard Program
- U.S. White House, Policies In Focus - Homeland Security

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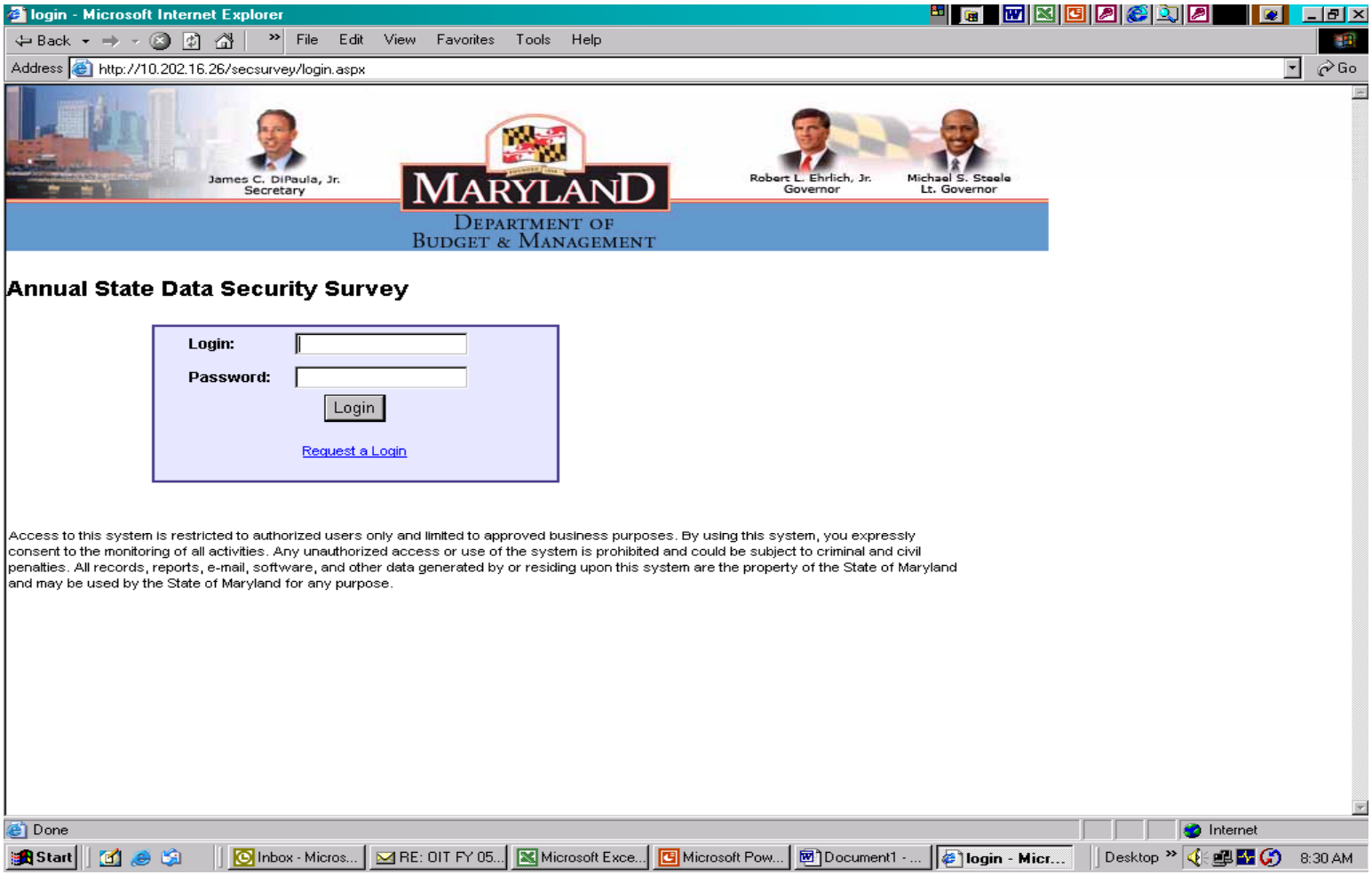
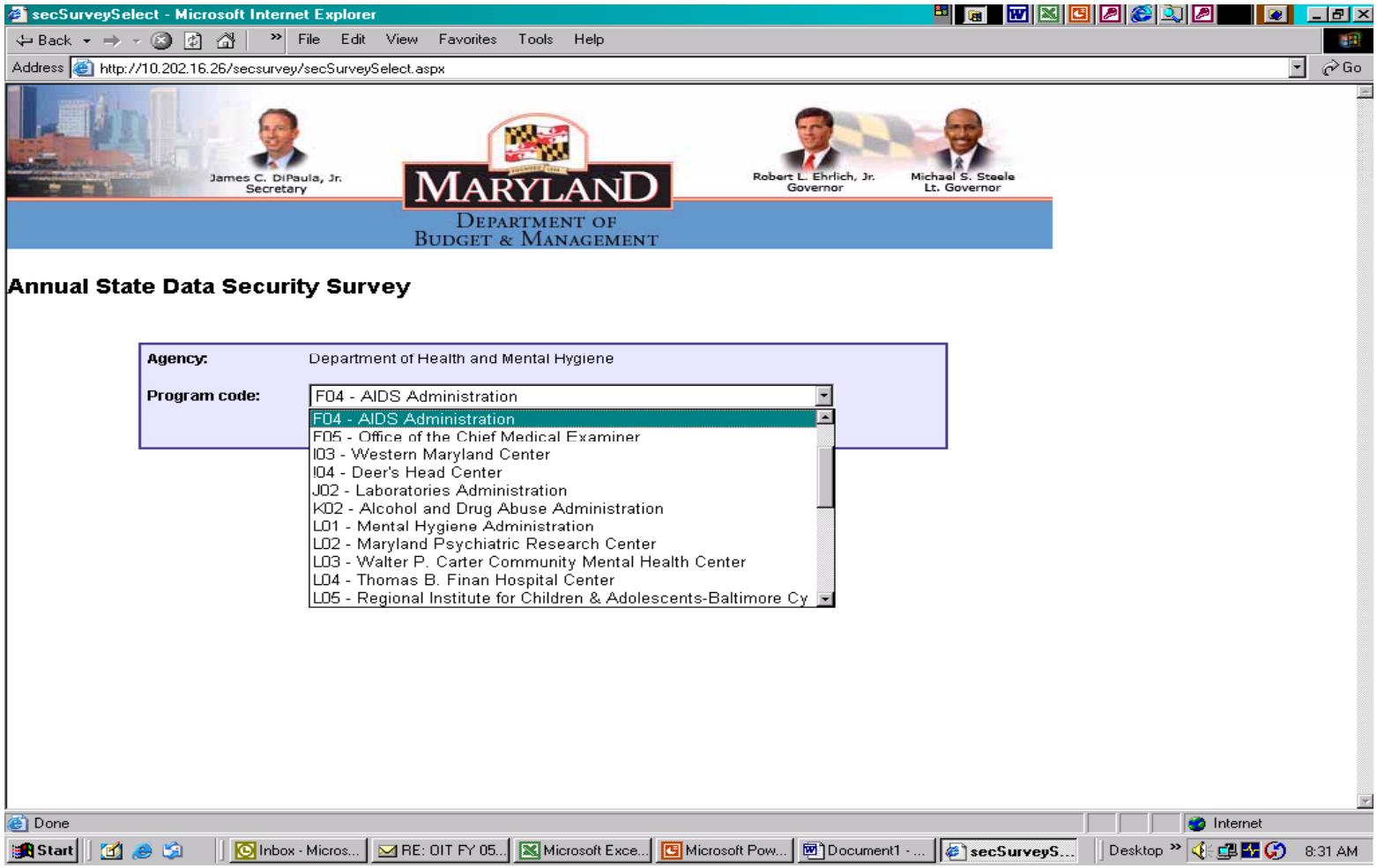
Annual State Data Security Survey

Preview

Annual State Data Security Survey



Annual State Data Security Survey



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Annual State Data Security Survey

Department of Health and Mental Hygiene / F04 - AIDS Administration

Section 1 | Section 2 | Section 3 | Section 4 | Section 5 | Section 6 | Section 7 | Section 8 | Finish | Instruction

Question ID	Question
1	Does the agency have an IT Security Program?
2	Has the State IT Security Policy and Standards been adopted or has the agency developed its own policy?
3	Has a risk management process for determining adequate security levels for IT systems been implemented?
4	List all critical IT systems in priority order using the following designation for acceptable outage:
5	Are updates done on a regular basis to the list of critical IT systems?

1 2 3 4 5 6

Save Response

Does the agency have an IT Security Program?

Please Select

** For help, hover over response boxes **

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1 2 3 4 5 6

Save Response

Does the agency have an IT Security Program?

Partially | Please Select

- Please Select
- Services Outsourced
- Sched for completion
- Planned for Future
- No Resources Available
- Other

** For help, hover

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Save Response

Does the agency have an IT Security Program?

Partially | Planned for Future | Date (mm/dd/yyyy)

** For help, hover over response boxes **

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Department of Health and Mental Hygiene / F04 - AIDS Administration

List all critical IT systems in priority order using the following designation for acceptable outage:

Priority	Please Select	System Name	
Outage Category	Please Select	Critical System	Please Select
Business Owner		IT Security Plan	Please Select
C & A Completed	Please Select	IT DR Plan Developed	Please Select
IT DR Plan Tested	Please Select	Last IT DR Test	
Last IT DR Plan Update			

Add Critical System | Return to Section 1

1.Priority	2. System Name	3. Outage Category	4. Critical Project	5. Business Owner	6. IT Security Plan	7. C & A completed	8. IT Disaster Recovery Plan Developed	9. IT Disaster Recovery Plan Tested	10. Date of Last IT Disaster Recovery Test	11. Date of Last IT Disaster Recovery Plan Update

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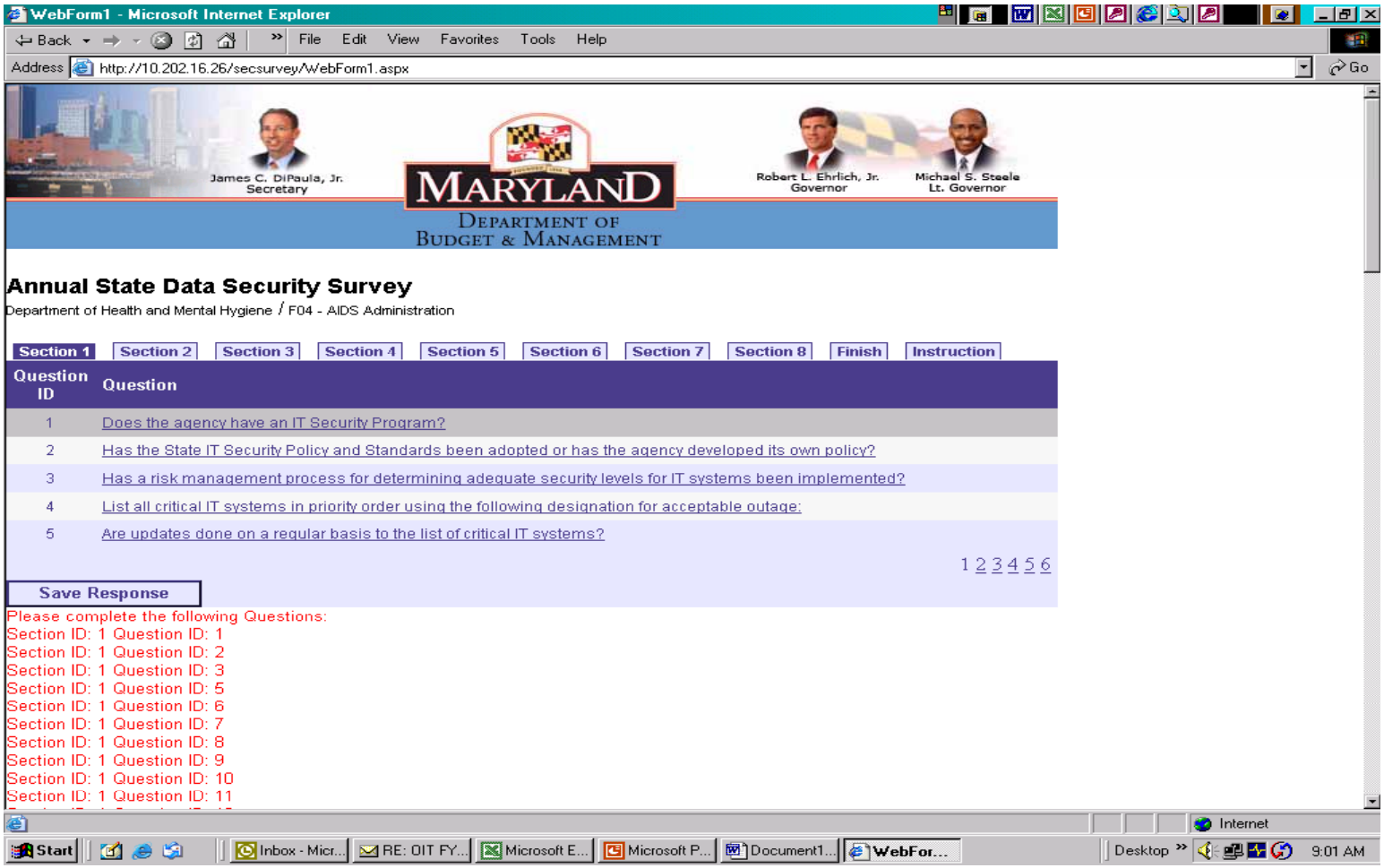

Questions?