

Developing & Securing a Digital Economy

Presented by:
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Today's Speaker



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Damian Schwartz is a director in the Risk Advisory Services practice, where he brings over two decades of experience to clients. His focus includes cybersecurity strategy, investigation, response, compliance and training.

Prior to joining the firm, Damian served as a Senior Special Agent in the United States Secret Service New York Field Office's Electronic Crime's Task Force. In that role, he managed a highly technical team of Federal Agents on a multi-agency task force investigating large-scale cyber investigations including phishing and spear phishing schemes, identity theft, bank fraud, and data breaches of financial institutions and private sector organizations.

Agenda

Today's presentation provides an overview of the procedures needed to develop and secure a digital economy. The cybersecurity discussed is high-level and based on the best practices across multiple verticals.

Based on Suriname's current cybersecurity and appetite for risk, these procedures along with a framework for improving critical infrastructure such as that of the National Institute of Standards and Technology (NIST) can be implemented as an enhancement to existing cyber protocols.



Introduction

- Developing a digital economy involves multiple steps which include the following:
 - Infrastructure
 - Education
 - Policy and Regulatory Framework
 - Innovation and Entrepreneurship
 - Collaboration and Partnerships
 - Promoting Digital Inclusion
 - Sustainability and Scalability
 - Continuous Evaluation and Adaptation

- Securing the digital economy is crucial for growth and stability.
- Cybersecurity considerations and strategies include:
 - Infrastructure Security
 - Data Protection
 - Cyber Hygiene Practices
 - Regulatory Compliance
 - Continuous Monitoring and Threat Protection
 - Incident Response Planning
 - Collaboration and Information Sharing
 - Investment in Cybersecurity Talent
 - Supply Chain Security
 - User Education and Awareness

Introduction

Developing a Digital Economy

- Developing a digital economy is a multi-phased process:
 - Long-term commitment
 - Collaboration
- It's vital to tailor strategies:
 - Needs of the nation
 - Adaptable to changes in the digital landscape

Infrastructure

- Internet Access: Robust network
- Digital Platforms: Develop and enhance digital platforms
- Cybersecurity: Strengthen cybersecurity measures

Education

- Digital Literacy: Implement programs to educate
- Skill Development: Training in tech-related skills

Developing a Digital Economy

Developing a Digital Economy

Policy and Regulatory Framework

- **Enabling Policies:** Create policies that encourage and protect
- **E-Governance:** Implement digital government services

Innovation and Entrepreneurship

- **Incubators:** Establish support programs
- **Investment:** Encourage investment in digital incentives

Collaboration and Partnerships

- **Public-Private:** Relationships for infrastructure and knowledge
- **International:** Collaboration to gain expertise and resources

Promoting Digital Inclusion

- **Affordable Access:** Digital services
- **Gender Inclusivity:** Promote gender inclusivity

Developing a Digital Economy

Developing a Digital Economy

Sustainability and Scalability

- Environmental: Utilize sustainable practices
- Scalable: Scale effectively

Continuous Evaluation and Adaptation

- Monitoring: Regularly assess digital initiatives
- Adaptability: Be open to adopting and adapting

- Security is an ongoing process:
 - Multi-layered
 - Constant adaptation
 - Collective effort
- Prioritizing cybersecurity is fundamental for:
 - Trust
 - Stability
 - Growth

Securing a Digital Economy

Securing a Digital Economy

Infrastructure Security

- Strong and secure networks, cloud systems and hardware

Data Protection

- Data is your most valuable asset
- Must be safeguarded

Cyber Hygiene Practices

- Good cyber hygiene is crucial for individuals and organizations

Regulatory Compliance

- Implement industry accepted regulations and standards
- Compliance with laws like GDPR, HIPPA, and PCI DSS

Continuous Monitoring and Threat Detection

- Employ real-time monitoring
- Utilize tools to detect and respond quickly

Incident Response Planning

- Develop response plans
- Have clear protocols in place

Securing a Digital Economy

Securing a Digital Economy

Collaboration and Information Sharing

- Collaboration aids in collectively combating cyber threats

Investment in Cybersecurity Talent

- Build a skilled workforce
- Train personnel and recruit professionals

Supply Chain Security

- Assess and ensure security
- Any weakness can introduce major risks

User Education and Awareness

- Educate users
- Human error is the cause of most cyber incidents
- Stay informed and vigilant

Securing a Digital Economy

In Closing

- Cybersecurity plays a critical role in safeguarding from cyber threats
 - It ensures the protection of sensitive data
 - Strong cybersecurity measures builds trust
- Prevention of Financial Losses
 - Cyber attacks can lead to significant financial losses
 - Can severely damage reputation
- Many industries have specific cyber regulations
 - Avoid legal consequences
 - Maintain credibility
- Cybersecurity is not just a technical concern
 - Integral aspect of modern life
 - Prioritizing cybersecurity is essential

Questions?


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