

Challenges and Opportunities in Cyber Security

Presented by:

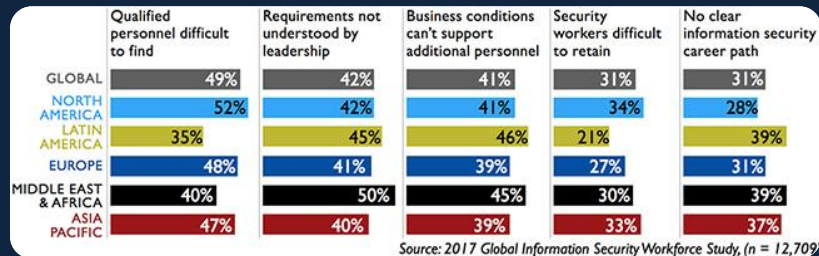
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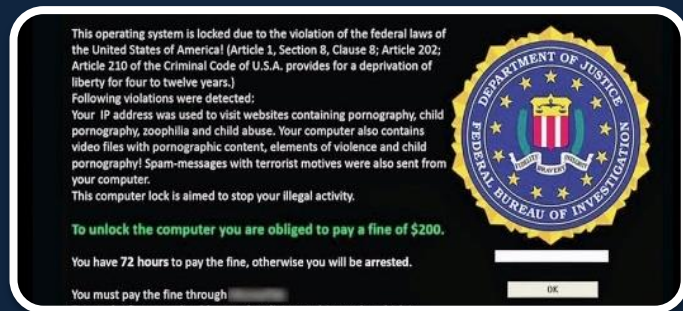
November 11th 2018

Challenges

- Competing with other organizational priorities for personnel, schedule and budget resources
- Combatting adversaries with ample resources to devote to attack
- Competing against startups and big brands for talent
- Complex procurement processes that were created around a slower development cycle
- Modern technology infrastructure is large, complex, and intolerant of downtime



Learn From Everyone – Even Adversaries



- Ransomware remains an effective tool and adversaries continue to invest in it
 - Making it more effective, which increases its value, resulting in increased investment
- Take advantage of the efficiencies that cloud provides.
- Leverage features only possible through the cloud and partner with business units to increase revenue

Cyber Threat Intelligence

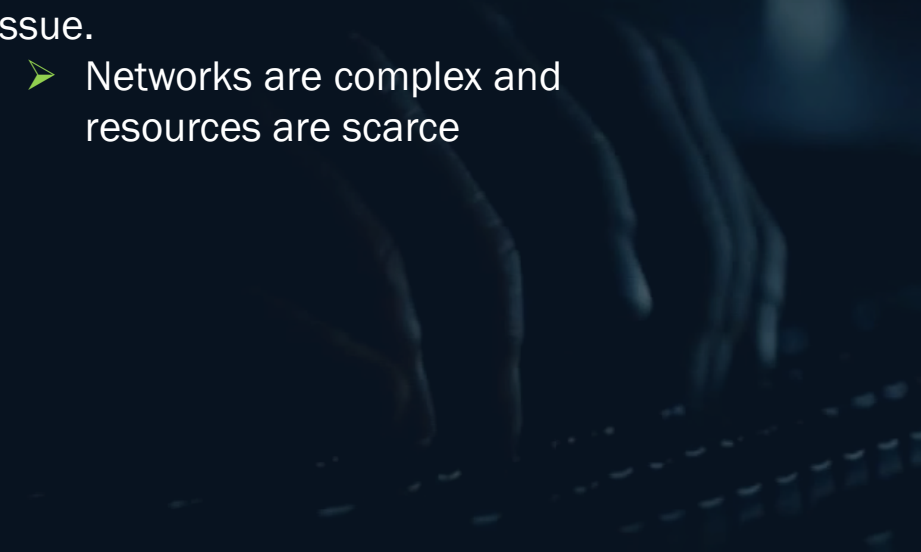


- Increased conflation of physical and cyber worlds.
- Geopolitical forces will amplify computer network attack / computer network exploitation activities.
- Increase the prominence of threat intelligence in cyber network defense teams in corporate environments

In Every Cloud...



- Insider threat will continue to be an issue.
 - Networks are complex and resources are scarce



...There is a Silver Lining



- Privileged Account Management
 - Multi-factor authentication
 - Auditing

Think Outside The Box



- Cyber skills gap will continue to persist
 - Flexibility in non-monetary offerings
 - Provide rewarding training and certification opportunities

Selecting and Implementing Solutions



Assessment of Current and Desired State



Findings and Recommendations



Alignment with Organizational Objectives

Strategic review, budget and resource approval



Project Initiation



- ☐ Requirements document
- ☐ Procurement/Vendor selection
- ☐ Planning and early testing/POC
- ☐ Execution
- ☐ Final Acceptance Testing
- ☐ Implementation/migration
- ☐ Maintenance




Project Portfolio Management

Requirements Drive Selection

Requirement	Requestor	Priority 1=Optional 2=Helpful 3=Mandatory	Interview Notes / Additional Information
Must integrate with [existing system]			
Must provide alerts for....			
Custom report development			

Requirement	Priority	Potential Product 1	Potential Product 2	Potential Product 3
		Scoring: Please rate the demo/POC results as follows: 5 – meets requirements 2 – partially meets requirements 0 – does not meet requirements		
Must integrate with [existing system]	3	5	2	0
Must provide alerts for....	2	0	2	2
Custom report development	1	0	0	5
Weighted Score		15	10	9

Weighted requirements
used as evaluation
criteria



Thank You

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