NALIT PDS 2019

Building Effective Cybersecurity

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Office of Technology Services

Certified Information Systems Security Professional (CISSP)
Global Information Assurance Certification (GSEC)
Building a Cybersecurity Program

• Start slow
• Establish a forward-leaning strategy
• Get training
• Find a champion
• Pick a framework
• Implement basic policies
• Implement top 5 CIS controls
• Upgrade existing security/network equipment
• Implement a next generation endpoint solution
• Implement a security awareness program
• Jump off the cliff

Legislative Services Agency
Office of Technology Services
### Cybersecurity Budget

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<th>2018</th>
<th>2019</th>
<th>2020</th>
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<tr>
<td>Security</td>
<td>$356,522</td>
<td>$430,796</td>
<td>$1,180,703</td>
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<td>OTS</td>
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<td>7.1%</td>
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<td>LSA</td>
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Budget Breakdown

- Security Awareness
  - $4,914 per year
- Staff
  - 1.5 full-time employees
- SIEM/SOAR/Threat Intelligence
  - $65,443 per year
- Managed Defense
  - $150,751 per year
  - DOD recommends 5-7 full-time employees for 24/7 SOC
    - $490,000 to $686,000 per year
Danger! Use Fear!

Your computer files have been encrypted. Your photos, videos, documents etc....
But, don't worry! We have not deleted them, yet.
You have 2 hours to pay 10€ in bitcoins to get the decryption key.
Every hours files will be deleted. Increasing in amount every time.
After 72 hours all that are left wi

Bitcoin address: [Address]
Seconds until destroy: 7139

I made a payment, give me back my files.
Contact Information

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