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Using the Cybersecurity Career Lifecycle to Get In and Stay in the Profession



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Points of discussion



- Cybersecurity skills gap – is there really a problem?
- What is the problem
- Addressing the problem
- The Cybersecurity Career Lifecycle™
- Take control of your destiny

Is there really a problem?



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- Not a “new problem”, just keeps getting bigger.
- Reports of millions of vacant cybersecurity positions
- Effects are real
 - Lack of cybersecurity talent may be an organization’s biggest vulnerability
- Question is not “IS” there a problem – but “WHAT” is the problem



What is the problem?



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- Majority of open positions are **not** entry level
- Industry has taken a knee jerk reaction
 - Tremendous push to fill the gap through traditional education
 - Training and education programs are popping up everywhere to bring **new** people into the profession
 - No collaboration between entities
 - Addressing the “headline” and not the problem



Identifying the real problem



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- We continue to be REACTIVE
- Industry's reactive measure do not allow for a holistic approach
 - Globally accepted professional career map
 - Build what we need - to be proactive
 - Use traditional degree and certification programs as they were intended – as a baseline
 - Develop well grounded skillsets
 - Identify and use knowledge opportunities that keep pace with technology
- **The voice of the professional isn't loud enough**

Addressing the real problem



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- Stop being a “reactive” profession
- Intensify the voice of the profession
 - Use professional associations with members from around the globe with no revenue ties to training or certificates
 - Focus on information or cyber security
 - Diversity of members from all levels of profession
 - Look for a neutral organization
- Build on knowledge...



One way to address the “problem”



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- Use the Cybersecurity Career Lifecycle™ to build your knowledge & skills
 - Built by professionals – for professionals
 - Obtain and build on knowledge gained through traditional education and certification programs
- Understand real world challenges in order to drive our profession forward
 - Look deeper than the “headline” to address the challenges there

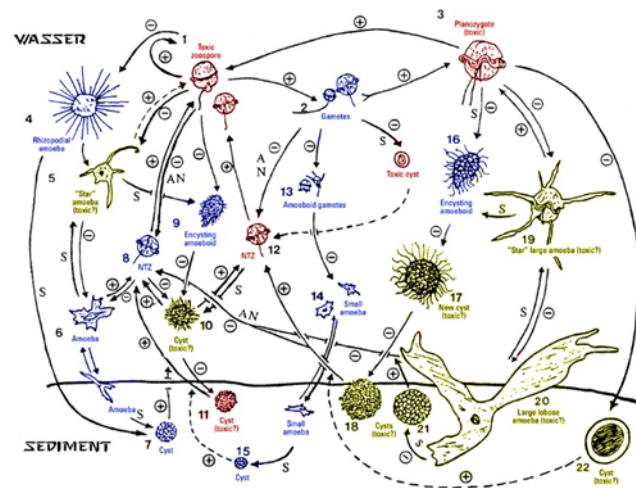


What is the Cybersecurity Career Lifecycle™?



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- The “CSCL” is a systematic approach that:
 - Enables you to discover the areas of weakness in skillsets and aptitudes
 - Defines a personalized career map according to your knowledge, skills, aptitudes, and interest
 - Provides guidance, resources, and a **support system** to achieve skills and career goals



Using the “Cumulative Knowledge” solution



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Cumulative Knowledge

- “Increasing by successive addition”
- Progressive through the CyberSecurity Career Lifecycle
- Building on the knowledge of those that came before you

Traditional programs to baseline knowledge;

- Universities and colleges
- Industry Certifications



“Just in Time” Learning

- Responsive to new technologies and/or threats
- New, innovative and scalable training with quick delivery mechanisms
- Trusted sources from quality providers
- Security Users Groups and/or Meet-ups - You Tube Security Channels

Cybersecurity Career Lifecycle™ Phases



Cybersecurity Career Lifecycle™ Components



Knowledge, Skills, Aptitudes



Career Mapping

Personal
Guidance

Self -Assessment

Cybersecurity Career Lifecycle™ - Take control of your destiny



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- **Understand where you currently are in your career**
 - Self assessment using KSAs
- **Find resources to strengthen & grow**
 - Knowledge sharing
 - Personalized Guidance
 - Formalized Training
 - Career Map to stay on course
- **Cumulative Knowledge – keep building**



“Today knowledge has power.
It controls access to opportunity and advancement.”

Peter F. Drucker

Thank you!

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