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Phoenix TS, Tenable Network Security

ISSA
Information Systems Security Association

Agenda / Announcements

- Welcome to UMB Training Center
- Any guests or new members in attendance?
- (ISC)^2 CPE Submissions – Individual Responsibility
- CISSP Chapter Badges / Shirts and Jackets with ISSA-Central MD Logo
- CISSP & Study Group
- Future Meeting schedule

ISSA Information Systems Security Association
Central Maryland Chapter

<u>Please respect the speakers and other members,</u>

Silence or turn off cell phones and electronic devices,

No video or audio recordings.

Questions are welcome; please keep them on-topic and brief. Further discussion should be taken off-line with the presenters so as to allow them the courtesy of being able to finish their presentations within the allotted time without being rushed.

Sidebar discussions should be constrained. If you must discuss something, allow your fellow members (and the presenter) the courtesy of doing so outside or on break.

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Board of Directors

- Bill Smith, Jr., CISSP, GSNA, CEH, GPEN, GCFA, GCFE - President
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LogRhythm™
The Security Intelligence Company

PARSONS
CYBER

New Members Since August Meeting

Heidi L. Bejarano
Andrew Deaver
Susan Drinnon
Andrea Kraus
Samson Oni
Troy Raines
Michael Smith

Total Chapter Membership: 239

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Fall 2018 CISSP Study Group

Start: September 4, 2018
End: December 11, 2018

Review and Practice Exam

14 Sessions Total

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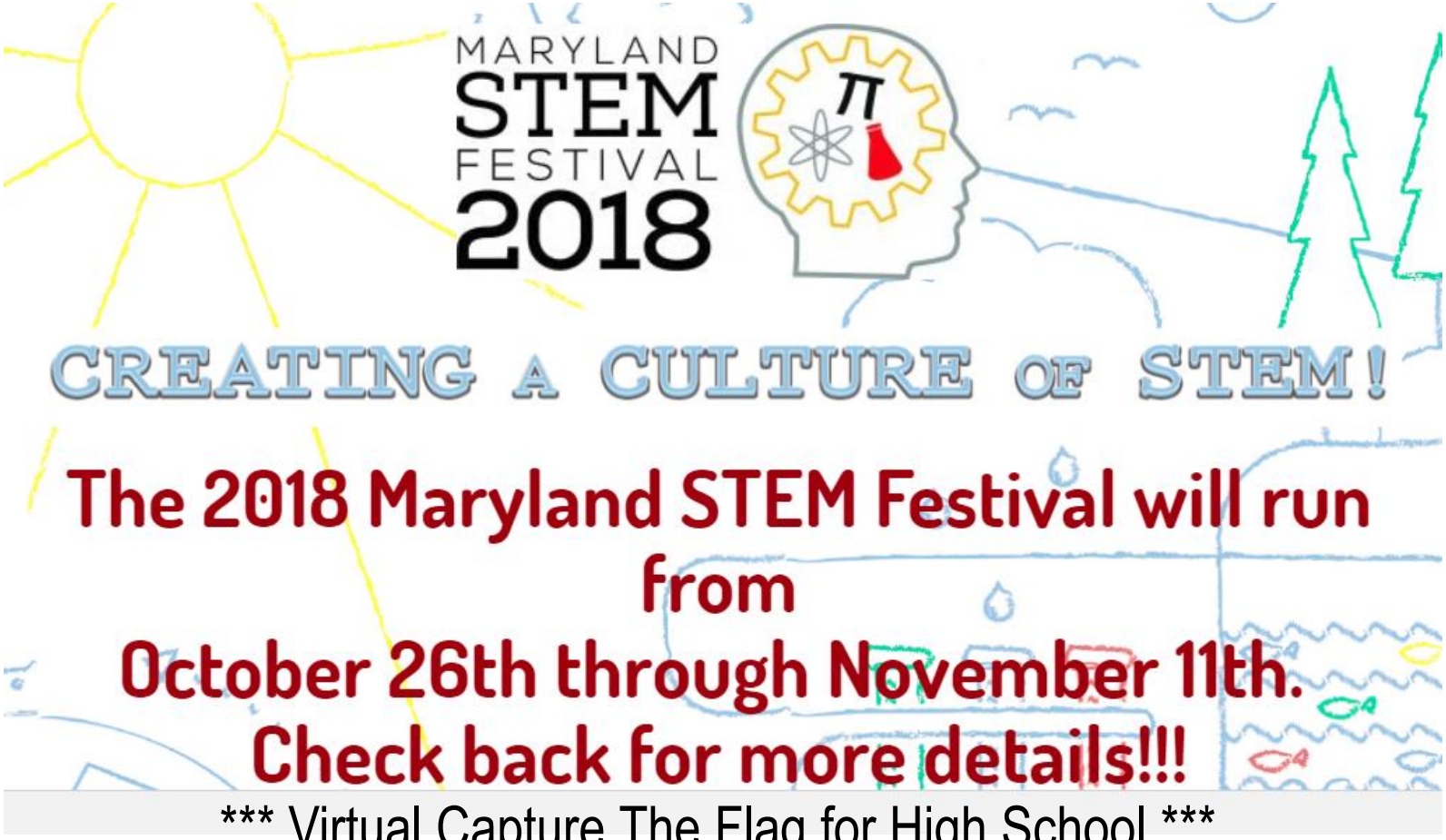

*** Virtual Capture The Flag for High School ***

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October 24th Meeting Location

UMBC Training Centers

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Westridge Corporate Center
6996 Columbia Gateway Drive,
Suite 100
Columbia, MD 21046
Phone: 443-692-6600

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New Meeting Location

- Columbia/Ft. Meade Area
- Seat 75 people
- HVAC until 7:30
- AV Equipped
- Internet
- Kitchen

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New Fees for Chapter Meetings

The new fees are designed to achieve chapter goals and address certain issues:

- Contributing to the Chapter's scholarship funds for college students
- Providing higher quality meals for chapter meetings
- More cost efficient / effective money management with respect to planning meal purchases
- Accountability for those who register but don't show up to attend the meeting
- Accountability for those who don't register but show up to attend the meeting
- Fees are similar to other ISSA chapters, and much lower compared to other organizations.

Fees:

$10 for all members until 5 pm the day before meeting
$20 for all non-members
$20 for anyone paying at the door, the day of the meeting (exact cash or credit card)

Rules

Board members are NOT exempt, must pay and adhere to rules like all other members
No charges for speakers and their guests
Sponsor benefits of the Chapter will be updated to provide TBD number of free passes
Refunds available up to 5pm the day before

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ISSA 2017-2018 Meetings and Events

Date	Speaker	Organization	Topic
September 26, 2018	Conrad Fernandes	Johns Hopkins - Applied Physics Laboratory (APL)	Security logging and central monitoring of AWS GovCloud accounts
October 24, 2018	Greg Schwartzkopf	Fortinet	
November 28, 2018	Stan Lowe	Zscalar, CISO	

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September 26, 2018 Speaker

Conrad Fernandes

Johns Hopkins - Applied Physics Laboratory (APL)

Conrad Fernandes is a long time cyber security engineer and architect, with various security certifications (CISSP, GIAC FA, Certified AWS Solutions Architect and Security Specialist, among others) and has worked extensively with US Defense agencies and the DoD since the early 2000's while at Booz Allen Hamilton. Conrad currently serves as a senior cyber security engineer at the Johns Hopkins Applied Physics Laboratory (APL), where he leads security and governance practices on emerging cloud technologies, including commercial and US GovCloud (e.g., Amazon web services) and Hadoop-based data science platforms from Cloudera and Hortonworks. Conrad recently presented strategies for "Incident Response and Spillage Handling in AWS" at Amazon's Public Sector Summit and re:Invent Conference. Additionally, Conrad has been researching and implementing security and audit logging and monitoring strategies on data science platforms at Johns Hopkins Medical Institute (JHMI) that utilize various emerging services from Hortonworks Data Platform (HDP) distributions and the collection and correlation of security audit events via Splunk. Conrad also enjoys sharing security best-practices and lessons-learned from the experiences with the larger cloud and big-data communities.

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September 26, 2018

AWS Security: Central Logging Techniques for Multiple Accounts, and Automating via Cloud Formation Templates

Logging of essential Amazon services, such as Cloudtrail and VPC flow logs, is essential for security and compliance and governance, whether HIPAA, FISMA, PCI and several other regulatory bodies. In this session we will go over the key concepts in detail -- such as setting up a central account for managing and retaining log events, by any number of governed (source) accounts; and the setup for the source accounts to send their respective logs to the centrally managed account. Since working with multiple accounts can become an issue with scaling and consistency and human errors if the setup was done manually, we will go over better methods using cloud formation templates that help tremendously in that regard by automating the setup! Last but not least, we will also cover best practices – including codifying in the templates – that will account for any type of Amazon unclassified account – which includes the commercial regions as well as the GovCloud (US) regions.

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