

GenCyber
Inspiring the Next
Generation of Cyber Stars



BOOT CAMP 2016

Center for Information Assurance



**A NATIONAL CENTER OF ACADEMIC
EXCELLENCE in EDUCATION & RESEARCH
(CAE-IAE/CAE-R)**



Scavenger Hunt



THE UNIVERSITY OF
MEMPHIS

Center for Information Assurance



BOOT CAMP 2016 -SCAVENGER HUNT

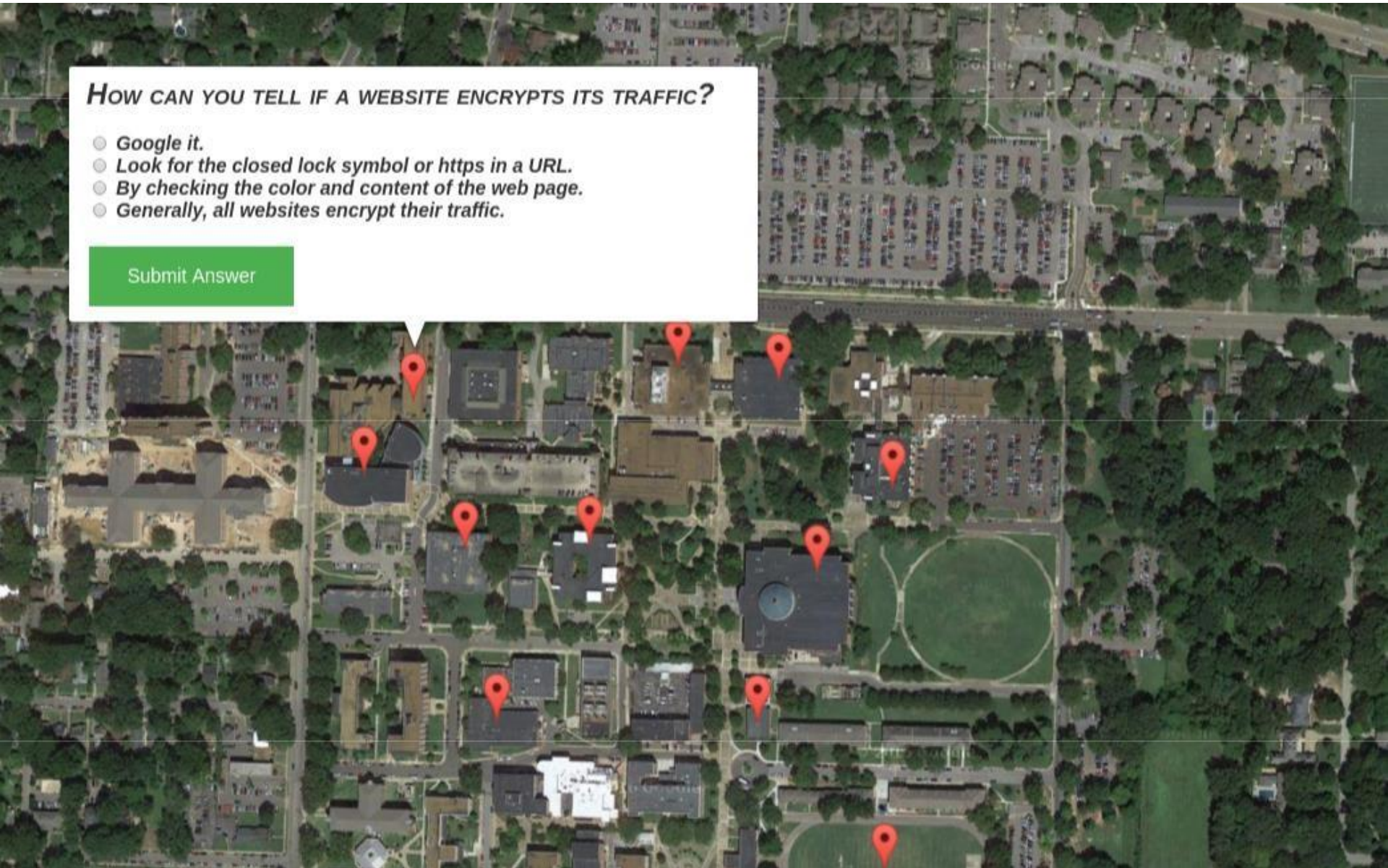
GET STARTED

Scavenger Hunt

How can you tell if a website encrypts its traffic?

- ☐ Google it.
- ☐ Look for the closed lock symbol or https in a URL.
- ☐ By checking the color and content of the web page.
- ☐ Generally, all websites encrypt their traffic.

Submit Answer



Winner of Scavenger Hunt Game



Wyatt P. Dolce

Congratulations!

Web Form Testing Exercise

UofM - University of Memphis | Sign in to your account | 404 File Not Found - Search | Vested | Define Vested at | Registration/Sign Up

webpuzzle.pythonanywhere.com/rand_form/

*Try to give malformed info in certain boxes. HOME REFRESH

Thanks for joining! Now we just need some Information.

Form Completion Exercise

Username:	<input type="text" value="jdoe123"/>		
Email:	<input type="text" value="jdoe@example.com"/>	Confirm Email:	<input type="text" value="jdoe@example.com"/>
Password:	<input type="password" value="*****"/>	Confirm Password:	<input type="password" value="*****"/>
Full Name:	<input type="text" value="John"/>	<input type="text" value="Doe"/>	<input type="text" value="J"/>
Phone number:	<input type="text" value="(xxx) xxx-xxxx"/>	Birth Date:	<input type="text" value="mm/dd/yyyy"/>

(This is a test only. Do not provide any real personal information!)

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9:25 AM 6/20/2016

Web Form Testing Exercise

UofM - University of Mem x Sign in to your account x 404 File Not Found - Sear x Vested | Define Vested at x Registration/Sign Up x

webpuzzle.pythonanywhere.com/rand_form/

Collapse/UnCollapse Submission Sheet

Now that you've seen the form what vulnerabilities does it have?

Username:

Email:

Confirm Email:

Password:

Confirm Password:

FirstName:

LastName:

MidInitial:

Phone #:

BirthDate:

(This is a test only. Do not provide any real personal information!)

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9:25 AM 6/20/2016

Winner of Web Form Testing



Kwaku Opuni-Frimpong

Congratulations!



Encryption/Decryption Game

MyProject410 (32-bit, PCD3D_SM5)

**PUZZLE BASED LEARNING
CYBER SECURITY**

CHOOSE A LEVEL

PINPAD

ENCRYPT HINTS

DECRYPT HINTS

DECRYPT NO HINTS

MAIN MENU



9:29 AM
6/20/2016

Encryption/Decryption Game



Encryption/Decryption Game

Time: 0:14 Attempts: 0 Estimated Score: 80

C E A S E R
G A A A I A

TUIVWXY A CDEFGH JKLMNOPRS
TUIVWXY A CDEFGH JKLMNOPRS
TUIVWXY A CDEFGH JKLMNOPRS
TUIVWXY A CDEFGH JKLMNOPRS

9:35 AM
6/20/2016



Winner of Encryption/Decryption Challenge



Ryan M. Nelson

Congratulations!

App Development Group Project



App Development Contest First Place Team



John Pi (Houston HS), Wyatt Dolce (Houston HS),
Luis Del Mar (Houston HS)

Congratulations!

App Development Contest Second Place Team



Keith Burks (MUS),
Ore Dixon (Cordova HS)

Congratulations!

App Development Contest Third Place Team



Antonio Christopher (Bartlett 9th Grade Academy),
Jordan James (Middle College High School)

Congratulations!