Continuing Education

Tuesday, July 26, 2011

SCC Continuing Education Center
301 S. 68th St. Place
Lincoln, NE

The Nebraska Cyber Security Conference is for security administrators and IT professionals including:

- Network Administrators
- System Administrators
- Information Security Professionals

This conference is a partnership between
Southeast Community College and the state of Nebraska.

NEBRASKA CYBER SECURITY CONFERENCE

In today's world, we rely on technology and the Internet for a variety of transactions, communication and information — at home, in school and at the work place. While we are familiar with the myriad of conveniences provided through Internet use, it is difficult to stay abreast of all the changes and the potential risks presented by the Internet. We are all "virtual neighbors" in cyberspace, and what we do — or don't do — can affect many others.

The Nebraska Cyber Security Conference will assist in raising our awareness of cyber security and help in protecting all of us in cyberspace. If we do our part individually, we can have a tremendous positive impact collectively on our state's cyber security.

This will be valuable time learning from skilled industry experts, including keynote presenter David Hemsath. The day will be filled with a variety of breakout sessions that will encompass different areas of information security and technology.

**For more information:
its.ne.gov/cybersecurity/conference**

Tuesday, July 26, 2011

SCC Continuing Education Center
301 S. 68th St. Place ● Lincoln, NE

8 a.m. - 4 p.m. ● $99

Space is limited. ● Registration deadline: July 18, 2011

CONFERENCE AGENDA

8 a.m. ....Check-in

8:30 a.m. ....Welcome
Brenda Decker
Chief Information Officer
State of Nebraska

9 a.m. ....Current Attack Vectors Workshop (9-11:30 a.m.) & 1st Breakout Session

10 a.m. ....Break

10:30 a.m. ....2nd Breakout Session

11:30 a.m. ....Lunch

12:30 p.m. ....Keynote
David Hemsath
IBM Security Tiger Team
Cyber Security
for Executives

1:30 p.m. ....Wireless & Mobile Attack Vectors Workshop (1:30-4 p.m.) & 3rd Breakout Session

2:30 p.m. ....Break

3 p.m. ....4th Breakout Session

BREAKOUT SESSIONS

1ST SESSION - 9 A.M.

Please note on registration form which session you would like to attend.
NOTE: Morning breakout sessions last one hour; workshop lasts 2½ hours.

- *Migrating to IPv6 - Allen Kluender, Cisco*
  An overview of IPv6 and strategies for migrating to IPv6 in the campus.

- *How the SANS 20 Critical Security Controls Can Help Your Organization -*
  Brandon Harms, Infogressive
  Who are the attackers, what are they attacking, and what can I do to stop them? Checking the box for compliance with regulatory mandates looks great on paper, but lacks the thoroughness to detect, respond, and ultimately prevent real-world cyber attacks. This prioritized baseline of information security measures and controls created by federal and civilian experts for our national security should be the highest priority for information security decision makers in any environment.

- *Current Attack Vectors: More Mobile Than Ever... - Ernest Staats*
  (9-11:30 a.m. workshop)
  Target Audience: Basic to Intermediate Security Experience
  A practical look at some of the recently identified threats IT Security Professionals and typical users face on a daily basis. We will take an "everyman's" approach in discussing some of the recent attack vectors along with a demo of some current attack vectors. We will be specifically looking at mobile devices.

2ND SESSION - 10:30 A.M.

Please note on registration form which session you would like to attend.

- *Best Practices for Mobile Device Security & Management -*
  Bob Beken & Jill Klein, Sirius
  Mobile device usage in the enterprise is exploding, and more organizations than ever before are facing the challenge of how to manage and secure mobile devices in their corporate environments. The demands of end users and the needs of protecting networks and data often seem insurmountable – where do you begin? We'll discuss the Best Practices and potential solutions to better support the increasing number of mobile workers and applications, yet ensure the security and compliance that your business requires.

- *Security in a Virtual World — John McCreary & Dave Lipowsky, Juniper*
  Learn about the unique aspects of securing virtual networks, including ways to take advantage of the lower operating and management costs of the new virtualized data center without sacrificing security, performance, or availability.

3RD SESSION - 1:30 P.M.

Please note on registration form which session you would like to attend.
NOTE: Afternoon breakout sessions last one hour; workshop lasts 2½ hours.

- *Identity and Access Assurance Solution - David Hemsath, IBM*
  Identity and Access Assurance provides identity management, access management, and user activity auditing. It centralizes and automates the management of users, identification and authentication, authorization and audit. As part of a holistic set of testable, repeatable and automated controls, this solution helps organizations to:
  - Know who is coming into their systems,
  - Know what they are doing, and
  - Be able to prove it to their internal auditors and external regulators.

- *Botnets: Modern Malware Madness - Tristan Lawson, Infogressive*
  A technical breakdown of how modern botnets gain access to your organization, how they spread and what you can do about it.

- *Wireless and Mobile Attack Vectors - Ernest Staats*
  (1:30-4 p.m. workshop)
  Target Audience: Basic to Intermediate Security Experience
  Prerequisites/Requirements: Participants need to have an understanding of Network Administration, TCP/IP, and a willingness to use command line utilities.
  A laptop/netbook that can boot to USB or DVD is required.
  The hands-on security workshop will focus on some of the current attack vectors. We will specifically focus on wireless and mobile security vulnerabilities. We will be looking at how information can be stolen through wireless connections and what can be done with mobile devices on the network. We will be using open source or free products to scan and test our systems. We also will go over some ways to fix the security issues that can be fixed.

4TH SESSION - 3 P.M.

Please note on registration form which session you would like to attend.

- *Securing the Mobile Workforce - Joshua Foltz, Fishnet*
  We will discuss Mobile Device Management and Protection in the mobile workforce, threats to organizations introduced by mobile technologies focusing on challenges and provide steps for securing a mobile environment.

- *Overview of Network Security - Art Martinez, Cisco*
  This session will focus on the fundamental aspects of computer security and present aspects of perimeter security, secure connectivity and intrusion detection.

KEYNOTE PRESENTATION

Cyber Security for Executives

The world is becoming more instrumented, interconnected and intelligent. This is enabling tremendous efficiency and innovation, but it also is raising security and privacy concerns within the public and private sectors. Organizations care about two things with respect to security: ensuring the continuity of their operations and protecting their sensitive/critical assets. IBM Senior Technical Staff Member, Dave Hemsath, a security and privacy architect in IBM Security Solutions, will:

- Discuss external and internal threats,
- Introduce a security framework rooted in best practices and standards, and
- Discuss developing testable, repeatable and automated controls to assess, mitigate and manage risks.

Presenter: Dave Hemsath joined IBM in 1979 after receiving a Bachelor of Science degree in Computer Engineering from the University of Nebraska-Lincoln.

He has held a variety of technical and management positions in IBM, including z/VM development, Document Imaging and Management Solutions, Distributed Computing Environment for mainframes, Kerberos systems manager, security architecture, security standards and security strategy. He was IBM's representative to The Open Group's Security Program Group, the IETF Kerberos Working Group and led the initial security work in the Continua Health Alliance.

He is a security and privacy architect in IBM's Security Tiger Team, focusing on the health care and energy and utilities sectors. He is a Certified Information Systems Security Professional and an Information Systems Security Architecture Professional. He's also a Certified Professional for Healthcare and Information Management Systems. He is a Senior Member of the Association for Computing Machines, a Senior Member of the Institute for Electrical and Electronic Engineers, and a member of the Information Systems Security Association.

REGISTRATION DEADLINE

Space is limited. Please submit your registration by **5 p.m. July 18.**

LODGING INFORMATION

Lincoln Convention and Visitors Bureau
(402) 434-5348 • (800) 423-8212
www.lincoln.org/visiting/lodging

ADDITIONAL INFORMATION

WIFI is available.

MORE INFORMATION

Marguerite Himmelberg
Southeast Community College
Continuing Education
(402) 323-3388
(800) 828-0072, ext. 3388
mhimmelberg@southeast.edu
or
Brad Weakly
Office of the CIO
(402) 471-3677
brad.weakly@nebraska.gov

** Cancellation/Refund Policy: You must call the Continuing Education office at 402-437-2700 or 800-828-0072 the day before the workshop begins to receive 100% refund. If you call the day of the workshop or after it has started, no refund will be issued.

Southeast community college

How to Register

1. Complete the non-credit registration form contained in this brochure. **Please print or type information on the registration form.**

NOTE for State of Nebraska Employees: Please register at CyberCon.Nebraska.gov

2. SEND the form with payment: **Check** payable to SCC, or **credit card** number (Mastercard, American Express, Discover or Visa) or a **letter of authorization on company letterhead** if your employer is paying the tuition.

MAIL TO:

SCC-Continuing Education Center
301 S. 68th Street Place
Lincoln, NE 68510

FAX TO: 402-437-2703

Confirmations are not mailed.

REGISTRATION FORM - NON-CREDIT COURSE

Complete this form and send with payment to: **SCC, Continuing Education Center, 301 S. 68th Street Place, Lincoln, NE 68510 or FAX completed form to (402) 437-2703.** *Include payment or Letter of Authorization (required for third-party billing).*

The College requires a student's Social Security number as a condition for enrollment. A student's Social Security number information constitutes an "educational record" under the Family Educational Rights and Privacy Act (FERPA). The College will be privileged to redisclose that information only with the consent of the student or in those very limited circumstances when consent is not required by FERPA.

PLEASE PRINT

2011 QUARTER

____ X ____ summer ____ winter
____ fall ____ spring

Social Security Number	Name: Last	First	Middle Initial	E-mail address

Residence Mailing Address		City	State	Zip	County #

Race: (Used for statistical purposes only)
- ☐ Asian
- ☐ White, Non-Hispanic ☐ Hispanic/Latino(a)
- ☐ Hawaiian/Pacific Islander
- ☐ Black/African-American, Non-Hispanic
- ☐ American/Alaska Native
- ☐ Other

☐ Resident of Nebraska
☐ Non-Resident of Nebraska

Veteran or Dependent ☐ Yes
Utilizing Military Benefits ☐ No

Birth Date	Business Phone	Home Phone
/ /		

Gender: ☐ Male ☐ Female

Employer

Cell Phone

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INFO-6240-CEUA

CHECK ONE TOPIC IN EACH SESSION YOU WANT TO ATTEND

☐ I would like a vegetarian entree for lunch.

Break-out Session #1 • 9 a.m.
- ☐ Migrating to IPv6
- ☐ How the SANS 20 Critical Security Controls Can Help Your Organization

Current Attack Vectors: More Mobile Than Ever... 9-11:30 a.m.

Break-out Session #2 • 10:30 a.m.
- ☐ Best Practices for Mobile Devices Security & Management
- ☐ Security in a Virtual World

Break-out Session #3 • 1:30 p.m.
- ☐ Identity & Access Assurance Solution
- ☐ Botnets: Modern Malware Madness

Wireless & Mobile Attack Vectors • 1:30-4 p.m.
- Limited to 35 participants
- Laptop/netbook that can boot to USB or DVD required

Break-out Session #4 • 3 p.m.
- ☐ Securing the Mobile Workforce
- ☐ Overview of Network Security

Signature _____

☐ Check ☐ Cash ☐ Mastercard ☐ AMEX ☐ Discover ☐ VISA V Code _____

Name as it appears on card: _____

Exp. Date _____ Credit card # _____

Billing agency *(INCLUDE LETTER OF AUTHORIZATION ON COMPANY LETTERHEAD)*

TOTAL DUE

For Office Use Only:

DE _____ ID# _____

MH