

PA FBLA--Bruce Boncal

From: PA FBLA--Bruce E. Boncal <no-reply@wufoo.com>
Sent: Sunday, July 05, 2015 12:58 AM
To: PA FBLA--Bruce Boncal
Subject: FBLA NLC Event Evaluation Form [#44]

FBLA Competitor's Name * Xufei Tan

FBLA Competitor's Email
An email address is required.

FBLA Competitor's 2014-2015 Grade Level * Grade 11

Identify the FBLA Event You Participated in at the NLC * Cyber Security

What place/ranking did you earn at the NLC? * 3rd

FBLA Competitor's School * Unionville High School

Your FBLA Adviser's Name * Jean Stevens

FBLA Adviser's Email * jstevens@ucfsd.net

FBLA Competitor's Primary Contact Name * Xufei Tan

FBLA



Competitor's/Primary

Contact's Mailing

Address *

Test Evaluation

It is recommended that you write your evaluation in a word processing document and then copy and paste it into this area. That will be easiest. There is no limitation on the amount of content that can be entered. *

I mostly followed Jules Dupont's guide from the test evaluation forms. The books that I read were The Basics of Information Security by Jason Andress, and the CompTIA Security+ Review Guide by James Michael Stewart. You can find free PDF files of both books online, or you can purchase them on Amazon. I would recommend thoroughly reading the first book, since many test questions included concepts emphasized in the book. If you don't have much time, just skim through the "Exam Review" sections for the CompTIA book. Much of the information on the second book is not tested. In addition, there is a section for cybersecurity on techexams.net/technotes.shtml. I would recommend reading that for a quick overview of the test. In addition, Wikipedia will be your best friend for this exam.

As for the test itself, there were multiple repeated answers, misspellings, and a few wrong answers. (For instance, when asking what RAID stood for, the closest answer was "Redundant Array of Independent Disks.") Around 5 questions asked about federal laws regarding cybersecurity, so review on those on Wikipedia. A few port-related questions were on the test, so memorize the basic ports (in the CompTIA review book) to be safe. There were a few trivia questions, like the dd command for Linux, as well as a question on how to use Snort (a network sniffer) that are very hard to prepare for besides being familiar with these tools. There were also lots of Security+ materials on the test, but it was not limited to it.

Besides reading the two books, I would recommend looking for practice questions online. There are plenty of good questions here very similar to the test questions:

http://highered.mheducation.com/sites/0071633758/student_view0/chapter1/index.html

I crammed mostly during my stay at the NLC, so if you use these materials well and prepare earlier, it will be rather easy to place in the top ten. Good luck!

PA FBLA--Bruce Boncal

From: PA FBLA--Bruce E. Boncal <no-reply@wufoo.com>
Sent: Thursday, July 09, 2015 9:58 PM
To: PA FBLA--Bruce Boncal
Subject: FBLA NLC Event Evaluation Form [#136]

FBLA Competitor's Name * Jason Xu

FBLA Competitor's Email _____@_____man.com

An email address is required.

FBLA Competitor's 2014-2015 Grade Level * Grade 11

Identify the FBLA Event You Participated in at the NLC * Cyber Security

What place/ranking did you earn at the NLC? NA


*

FBLA Competitor's School * Upper Dublin High School

Your FBLA Adviser's Name * Jessica Sundling

FBLA Adviser's Email * jsundlin@udsd.org

FBLA Competitor's Primary Contact Name * Weichun Xu

FBLA Competitor's/Primary Contact's Mailing Address * 

Test Evaluation

It is recommended that you write your evaluation in a word processing document and then copy and paste it into this area. That will be easiest. There is no limitation on the amount of content that can be entered. *

The testing environment was like state competition, a large room with laptops. The test had several obvious repeat questions and a few grammar errors. There were some login issues and the competitors were seated quite close to each other. The difficulty level did not change much.

PA FBLA--Bruce Boncal

From: PA FBLA--Bruce E. Boncal <no-reply@wufoo.com>
Sent: Thursday, July 30, 2015 9:17 PM
To: PA FBLA--Bruce Boncal
Subject: FBLA NLC Event Evaluation Form [#223]

FBLA Competitor's Name * Pranjali Satija

FBLA Competitor's Email [\[redacted\]](#)

An email address is required.

FBLA Competitor's 2014-2015 Grade Level * Grade 10

Identify the FBLA Event You Participated in at the NLC * Cyber Security

What place/ranking did you earn at the NLC? NA

*

FBLA Competitor's School * Hazleton Area

Your FBLA Adviser's Name * Pranjali Satija

FBLA Adviser's Email * chykom@hasdk12.org

FBLA Competitor's Primary Contact Name * Pranjali Satija

FBLA Competitor's/Primary Contact's Mailing Address * ☐

Test Evaluation

It is recommended that you write your evaluation in a word processing document and then copy and paste it into this area. That will be easiest. There is no limitation on the amount of content that can be entered. *

On the FBLA Cyber Security exam, a wide range of topics were covered. These topics ranged from things that one would usually associate with Cyber Security, to more unconventional topics such as laws. To succeed in this exam, one should know about current and past vulnerabilities and major attacks. Also, one should be able to distinguish between a virus, worm, etc. and have a wide range of vocabulary that relates to Cyber Security. Some helpful study materials are the CompTIA Security+ Study Guide and the Red Team / Blue Team Field Manual.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2012 NATIONAL LEADERSHIP CONFERENCE EVENT WINNER'S EVALUATION

Event: Cybersecurity

Name: Jules DUPONT

School: Great Valley High School

School Address: 225 N. Phoenixville Pike

Malvern, PA 19355

Home Address:

E-mail Address: ju

Evaluation:

Quality: The Cybersecurity tests at the regional and state levels were of decent quality. At the national level, however, the test badly needed a spellcheck and a proofread, to say the least. The test was resplendent with typos and grammar errors. In addition, the questions were extremely repetitive, with some groups of questions being reworded versions of the same information. In fact, many questions effectively gave away the answer to other questions, which means that cross-checking answers at the end of the test is vital.

Content: I found the content of the Cybersecurity tests to be very irregular and almost unpredictable. At the regional and state levels, the tests I took emphasized security models, the Orange Book, and many other theoretical concepts, but at the national level, the test dealt almost exclusively with everyday security information. The competitive event guidelines appeared to have little to no connection with test content. Here is a list of topics and questions that I encountered, although there is no guarantee that your test will be similar at all. This is also not an exhaustive list. In parenthesis is a resource that I believe is useful for learning the topic. Refer to the end of my evaluation for full bibliography information on these resources.

- The Orange Book (aka TCSEC. Wikipedia)
- The Common Criteria (Wikipedia)
- Bell-LaPadula Model (Wikipedia, Address)
- Clark-Wilson Model (Wikipedia)
- Biba Integrity Model (Wikipedia, Address)
- Public/Private Key Cryptography (Stamp, Address)
- Trusted Computing Base, Trusted Distribution, Trusted Facility Management (Stamp, Wikipedia)
- Security Kernel (Wikipedia)
- Data purging vs. Data cleaning (Wikipedia)

- Making backups (Stewart, Wikipedia)
- Linux trivia (impossible to study for, except by installing and working with Linux)
- Port numbers (Wikipedia)
- Names of various attacks (Stewart)
- Types of attacks, such as man-in-the-middle (Stewart)
- Physical security, which is by the way entirely appropriate for a Cybersecurity exam. How can you secure your network if an intruder can walk right in and plug in to your LAN? (Stewart)
- Access control (Stewart, Wikipedia)
- PKI (Stewart, Stamp)
- Cryptography algorithms (Stamp, Stewart)
- IDS/IPS (Stewart, Address)
- Network (Address)
- Various protocols and their application (Stewart)

In addition to the scattered topics I have listed above, it is very useful to read the whole of *The Basics of Information Security: Understanding the Fundamentals of InfoSec in Theory and Practice*. It is also useful to read a Security+ review book. However, reading a full sized CompTIA book is probably a mistake; instead, I would recommend the *CompTIA Security+ Review Guide* written by James Michael Stewart (ISBN: 978-1-118-06117-6).

Also, one topic deserves special note. The first are self-contained malware tools, such as BackOrifice (which exploits back doors to systems). Questions about such tools invariably appear on the exam. In order to study for this, I recommend reading the list of 100 top security tools that appears at www.sectools.org.

A Note of Advice: Many of the test evaluations I have read, and many of the people I have spoken with, seem to believe that the FBLA Cybersecurity test is based entirely off of the CompTIA Security+ exam. **However tempting it may be to believe that a CompTIA textbook covers all of the information on the Security+ exam, THIS IS SIMPLY NOT THE CASE.** The CompTIA Security+ exam fails to cover many theoretical aspects of Cybersecurity, and does not adequately cover all of the test material. **IF STUDY ONLY SECURITY+ MATERIAL, YOU WILL PROBABLY NOT DO WELL ON THIS EXAM.**

Books:

- *CompTIA Security+ Review Guide* written by James Michael Stewart (ISBN: 978-1-118-06117-6). Highly recommended.
- *The Basics of Information Security: Understanding the Fundamentals of InfoSec in Theory and Practice* written by Jason Address (ISBN: 978-1-59749-653-7). Very highly recommended.
- *Information Security: Principles and Practice* written by Mark Stamp (ISBN: 978-0-470-62639-9). Only if you have lots of time on your hands. This is not a quick read, and much of the material covered will not appear on the FBLA test. If you purchase this textbook, I recommend buying it used to avoid incurring significant expense.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2012 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security
Name Jeremy Bancho
School Hershey High School
School Address 550 Homestead Road, PO Box 898,
Hershey, PA, 17033
Home Address 17033
E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. Each team member must submit a separate evaluation form with his/her own reflections.)

Overall, I thought the national test was pretty easy, much easier and better written than the regional and state tests. I studied for a couple hours a day for about 3-4 weeks leading up to the test. I also got CompTIA Security+ certified, which I highly recommend as both tests are very similar. The questions on the national test were grouped into sections seemingly like types of attacks, then email, etc), which made the test easier. I don't remember specific questions, though the topics were identical to the Security+ topics. I got 6th at nationals.

This form must be completed by competitors in order to receive their reimbursement from the state office. By August 1, submit this form, the Reimbursement for Travel, and the NLC Reimbursement Card certifying your attendance at all required meetings to: Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2010 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

- Event Cyber Security
- Name Ryan Craig
- School Neshaminy High School
- School Address 2001 Old Lincoln Highway
Langhorne, PA 19047
- Home Address Langhorne, PA 19047
- E-mail Address

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. Each team member must submit a separate evaluation form with his/her own reflections.)

The test covered a fairly good amount of security manuals along with different types of security policies and methods. Be familiar with manuals such as The Orange Book (TCSEC) and the other books in the Rainbow Series as well as different computer and networks security policies.

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Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2011 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Jesse Byler

School Bellefonte Area High School

School Address 830 East Bishop Street
Bellefonte, PA 16823

Home Address _____
Bellefonte, PA 16823

E-mail
Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. Each team member must submit a separate evaluation form with his/her own reflections.)

The test, while fairly easy, was the most miserably made test I have personally ever taken. I would estimate that 40% of the questions were worded as statements rather than questions, and many times the answers provided had little relevance to the question/statement made. Studying for the test should involve some research into well known cyber attacks, as they did mention several specific cases. Also, as far as studying goes, because the people who wrote this test obviously were not involved in cyber security activities, simply gaining a base knowledge of related vocabulary, types of network hardware, and types of viruses should yield good scores.

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PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2011 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security
Name ~~Downingtown East High School~~ Zainul Shah
School Downingtown East High School
School Address 50 Devon Drive
Exton PA 19341
Home Address _____

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. Each team member must submit a separate evaluation form with his/her own reflections.)

The test was very straightforward and related to concepts of cybersecurity. It consisted of questions regarding types of malware, firewalls, circuit level gateways, malware history, port numbers and protocols. I would suggest CompTIA Security+ review as preparation for this test.

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PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2009 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Norman Joyner

School Downingtown West High School

School Address 455 Manor Ave.

Downingtown, PA 19335

Home Address _____

Downingtown, PA 19335

E-mail Address N

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

The test itself was fairly difficult but if you study security + material you should be fine. Studying solo security + got me to this level. There are approx. 15 questions in the beginning about IDS' so make sure you review that. Some stuff on linux home directories, 1st data category cable, and a small section on public and private keys as well as PKI and CA. Goodluck, these kids are robots.

This form must be completed by competitors in order to receive their reimbursement from the state office. By July 31 submit this form, the Reimbursement for Travel, and the NLC Reimbursement Card certifying your attendance at all required meetings to: Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2009 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Matthew Hanni

School Easton Area High School

School Address 2601 William Penn Highway
Easton, PA 18042

Home Address 1
Easton, PA 18040

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

The 2009 NLC test contained about
20 or so questions on IDSes, 20 on cryptography
and the rest scattered around Security+
information. Questions were generally conceptually
based, such as "What type of IDS only logs information?" (passive).
If you have a good understanding of the material covered
in the Security+ certs, hopefully you'll be well off. CCNA/Networking+
information is also helpful to some extent, but just a basic
understanding should suffice.

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PA 17740.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2009 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Alex Constantino

School Fox Chapel Area High School

School Address Gil Field Club Rd
Pgh, PA 15238

Home Address
Pgh, PA 15215

E-mail Address

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

- Some question dealt with physical security, which is a questionable subtopic of cyber security
- Needs more variety in operating systems
- Need review materials to be available

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PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2008 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber security

Name Jesse Taylor

School Abington Sr High

School Address 900 Highland Avenue
Abington PA 19001

Home Address _____

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

The test contained more questions on specific details, such as port numbers, than expected. Otherwise the test conformed to the competitive event guidelines fairly well. A general knowledge of major topics in each of the subjects on the test would be good preparation.

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PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2007 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Adan Ortiz

School Kennett High School

School Address 100 East South Street
Kennett Square PA 19348

Home Address _____

E-mail Address 1 _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

I thought that the national test was really hard. You have to study CompTIA security + material. I totally recommend Sybex Security + Deluxe Edition that is what I used. I also recommend getting certified because it really helps. Some of the stuff you have to know:

- ⇒ cryptography - asymmetrical, symmetrical, PKI, Public Keys
- ⇒ Network - DMZ, Firewalls, segments, switches
- ⇒ policies - management, best practices
- ⇒ terminology - all kinds of attacks like DDos, brute force, etc
- ⇒ social engineering - ways to educate users

Good luck!

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PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2007 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Ben Marisic

School Everett HS

School Address One Renaissance Circle
Everett PA 15537

Home Address _____

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

Overall it was a good test. But, I think more time should be put into preparing the test. Some of the questions had incorrect information or ~~it~~^{was} not clear. One question like this was "How many sets of numbers are separated by decimals in an IP address?" This was not clear because there are 2 versions of IP. This wasn't the best example but it was one.

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Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2013 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Steve John Vitali

School Downingtown STEM Academy

School Address 335 Manor Ave., Downingtown, PA, 19335

Home Address _____, Downingtown, PA, 19335

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. **Each team member** must submit a separate evaluation form with his/her own reflections.)

The test was, by all accounts, exactly what you'd expect from FBLA: another poorly put together test that barely makes it a foot into the mile-deep subject that is security - yet still struggles to maintain accuracy at that.
↳ There was actually a question, get this, that asks if SSL uses asymmetric or symmetric cryptography. There was no option for both, even ^{though} hybrid encryption is the whole point of the technology in the first place.

Needless to say, the rest of the test was not much better, either plagued w/ generality that made it common sense, or completely abstruseness and specificity that made it simply guessing, regardless of knowledge of the topic.

↳ For example, one question asks which password is the strongest (talk about patronizing), while another asks about specific tools used by script kiddies (how in the world does memorizing names of hacker tools indicate knowledge of CS?)

I studied: security+, CISSP (don't waste your time studying, though; the rest will just insult your intelligence and your effort.)

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Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2013 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security
Name Colin Mason
School Unionville High School
School Address 750 Unionville Rd, Kennett Square
PA
Home Address _____
E-mail Address C

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. **Each team member** must submit a separate evaluation form with his/her own reflections.)

I thought the test was significantly easier than the state test. There was a lot on remote access protocols like Kerberos and also network protocols. Make sure to study the basic types of encryption such as symmetric, asymmetric and RSA. Also, there were questions on network analyzers such as Wireshark and Nessus.

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PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2014 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cybersecurity
Competitor Name Akhilesh Sharma
School Wilson HS
School Address 2601 Grandview Blvd, West Lawn, PA 19609
Home Address 12 vr U U U
E-mail Address U U U
Cell Phone # U U U

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. **Each team member** must submit a separate evaluation form with his/her own reflections.)

Although some of the Test was very similar to the State test, there were notable differences in some of material being tested. One unexpected topic that I encountered was cybersecurity policy in law. For example, we were expected to know which law was passed regarding something about cybersecurity and policy (and all of the laws given were dated in the 1980's). Also, it is very important to know port numbers, they show up on the test at every level. The question asked on the national test was, "What is the port number associated with SMTP secure?" The answer is 465. Another question asked, "What is a dropper?" The most challenging part of the test for me was disaster recovery in that the questions regarding it were tough. Even though I knew the information, answering the information became hard because of the complexity of the questions. Therefore, disaster recovery and business recovery planning should be studied well. Another question that I felt that was out of

~~AAA~~ This form must be completed by competitors in order to receive their reimbursement from the state office. By August 1, submit this form, the Reimbursement for Travel, and the NLC Reimbursement Card certifying your attendance at all required meetings to:
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the norm was a question regarding presidential powers. The question was, "What gives the president the power to enact this law? ^{specific law}". Out of the choices, I chose Executive Order based off of my government and politics class. A lot of the concepts on the test are not that difficult, however FBLT seems to love testing abnormal and distant concepts. Otherwise, there were many basic identification questions ~~that~~ that require little to no thought as long as you studied the types of viruses, attacks, and cryptography methods.

Also, tell the students to feel free to contact me at akid108@gmail.com, I will share ~~the~~ links to helpful material as well as give them a study guide that I prepared regarding cybersecurity.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2010 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Anderson Wang

School Wissahickon High School

School Address 521 Houston Rd, Ambler PA 19002

Home Address _____

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. Each team member must submit a separate evaluation form with his/her own reflections.)

~~The best way to study (or for me, that is) was to buy a study guide for the test is supposed to be based on the CompTIA Security+ certification, so the best way to study (for me, that is), was to buy a study guide for the Security+ Exam. I used the Sybex guide, but I'm sure that there are plenty of other good ones. You can also try listening to the Security Now podcast, which can be found for free online as it provides real world examples for all of the security concepts.~~
~~Some topics you should have a thorough knowledge of various security threats, protocols and port numbers, network design, IDSes, access control methods, methods of authentication, cryptographic methods (hashing, ciphers, PKI), and organizational policies. There were also some questions about physical security, such as locks and surveillance systems.~~

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Dear Bruce,

This year's Cyber Security test ^{was worse than my lowest expectations} ~~was a major balls~~. There was absolutely nothing on port numbers, IDSes, networking devices and protocols (the only one was ARP, which is one of the most obvious), attacking techniques (such as viruses/worms; ICMP attacks, spoofing, replay, DOS/DDOS, and DNS/ARP poisoning), MAC/DAC/RBAC, ACLs, authentication methods (RADIUS, CHAP, PAP, VPNs + tunneling, branchies, etc.), PKI (the only question on PKI was "What does PKI stand for?"), cryptography in general and chain of custody / incident response. Instead, there were over 30 questions on something called the Orange Book, a governmental standard that was replaced by the CC in 2005! (like, ^{really, are you serious?} ~~seriously, what the hell?~~) There were also questions on something called Trusted Computing Base, not sensitivity labels, none of which are important in the EorpTIA standards. I am very disappointed that this test rewarded knowledge of useless policies over actual ^{real-life} security practices.

Sincerely,

Anderson Wang

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2007 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security
Name Colin Tinsman
School Abington Senior High School
School Address 900 Highland Ave
Abington, PA 19001
Home Address _____
Abington, PA 19001
E-mail Address ~~HTS~~

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

The laptop system was fairly easy to use, although many students may not have agreed. I did not have that good of an idea of ~~what~~ what material would be on the test. ~~at~~ This may be simply because this was the test's first administration. These confusions will be cleared for future test takers once previous examinations become available.

Overall I was satisfied with the examination experience.

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Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

Specific questions topics include decisions that works with firewalls, different types of firewalls/filters, encryption standards, and creating security procedures for end users to follow in a business setting. A small number of general computing knowledge questions are also on the test. General knowledge of networking concepts will prove valuable. The Security Now! podcast (Twit.tv) is a valuable resource that can be listened to in free time to prepare for the test. Books on computer security are difficult to find. Good luck at Nationals.

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2008 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security
Name Andrew Sauer
School Wissahickon HS
School Address 521 Houston Rd.
Ambler, PA 19002
Home Address _____

E-mail Address C " " " " " "

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary.)

I felt that the test was not very difficult, rather than asking about the workings of protocols such as PPTP or L2TP, it would ask, "Which of these protocols allows a VPN?". About ten questions were very specific port number questions. Know ports 20-25, 80, 53, 139, and 1723, 180X, I think I got the question wrong about the port numbers of authentication protocols. A few questions dealt with application of the

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C.I.A. model and A.A.A. model. There were two questions on cabling and cable types (know CAT-2, CAT-5 etc. and shielded, unshielded, fiber optic differences). Know the username and password directory on a *nix system.

The questions seemed to come directly from ^{the} Security+ required material, so I would advise getting a Security+ prep book or read the CompTIA, Security+ TechNotes on TechExams, not. To truly get a context for this material I would recommend listening to the SecurityNow! podcast located at twit.tv/sn listen to the episodes that cover general internet/network/security concepts and not ones that cover specific products/services. (I attribute my enthusiasm for security to SN!)

PENNSYLVANIA FUTURE BUSINESS LEADERS OF AMERICA

2013 NATIONAL LEADERSHIP CONFERENCE
EVENT WINNER'S EVALUATION

Event Cyber Security

Name Robert Hollowell

School Palmyra Area High School

School Address 1125 Park Dr.

Palmyra PA. 17072

Home Address _____

Palmyra PA 17072

E-mail Address _____

EVALUATION (Please give your reaction to the national test. State any specific information you may remember. Use the back side if necessary. This will be shared with next year's NLC qualifier. Each team member must submit a separate evaluation form with his/her own reflections.)

The 2013 National level Cyber Security test was very broad. It required a thorough knowledge of security and technology concepts. Topics included firewalls and the use of a DMZ, types of malware, IDSs, and email security. (relating to both, protocols and cryptography) There were some questions about network hardware, backups, and disaster recovery. There were no questions about physical security, as the questions were generally of a more technical nature. There was one question about a specific port number, but more about the actual services servers run. To prepare for the test, a good starting point would be to acquire a CompTIA Security+ study guide. They are very thorough and easy to follow. The Security+ exam and the FBLA exam have a lot in common. Additionally, I would suggest using any other method you can find to study from. It is best to get a general understanding of as much as possible so you can reason your way through questions you are uncertain about by using what you do.

This form must be completed by competitors in order to receive their reimbursement from the state office. By August 1, submit this form, the Reimbursement for Travel, and the NLC Reimbursement Card certifying your attendance at all required meetings to: Mr. Bruce E. Boncal, PA FBLA Executive Director, P.O. Box 5085, Jersey Shore, PA 17740.

Know about similar topics. Another important thing to remember is to learn the acronyms related to cyber security. There are a lot of them and you frequently need to know what they mean to understand the test questions. Good Luck!