CISCO SYSTEMS

Networking Academy Program
E-NEWSLETTER

MEXICO, May 2003.

Cisco Networking Academy E-Newsletter
Content...

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"This bulletin has been edited in Spanish for the Spanish speaking community. The translation into English is to keep the World Wide Education Team informed and it is translated by a non-native speaker. Please use it only internally and do not distribute it."

Editorial

Globalization and competition…

UTHermosillo
Opción con Futuro

"Robert Reich, The Work of Nations"... We are living a transformation that will rearrange the politics and economics of the coming century. There won't be any national products nor technology, not even national companies or industries. There won't be any national economy; at least not in the way we understand it today. The only things that will remain within national are the people who make up a nation. The fundamental possessions of a nation will be the knowledge and skills of its citizens.

There is no question that the technological progress and the means of transportation, have turn the world into an even rounder world, in other words, we are so immersed in globalization, that we already included in our daily language expressions like: Mexico and the Tequila effect; Russia and Vodka; Argentina and the Tango effect. These expressions explain a succession of catastrophes, some of which move us into the globalized world, where the homogenization of consumption models and living ways, of information and sometimes of culture is increasing every day. Information coming from large TV news networks are feeding global travelers in hotels and airports, on the other hand is the daily environment of other citizens built upon movies -most of them American- they watched in TVs -most of them Japanese- listening to the same music in CDs that are sold all around the world.

New features of the financial market. Information and telecommunications technologies allow the main financial and stock markets around the world to communicate with each other directly and the operators are able to perform their operations safely and as if they were inside the buildings.

The nations compete for the limited resources. A while ago, all resources were natural (oil, water, natural gas, minerals, etc.), but today, the competition is for other kind of resources like investments, markets share and trained professionals. Few years ago, one could regulate the exclusivity of the natural resources by closing the borders. The globalization has not only eliminated these kind of barriers, but also facilitated the spreading of information and knowledge, which lead to two types of advantages: the comparative and the competitive. The comparative advantages are brought by nature and deserve a very special treatment; the competitive advantages are obtained by using every skill and knowledge one is able to develop.

Therefore, the Cisco Networking Academy Program became a great support for those institutions responsible of shaping new professionals. This E-learning program offers the students the market required top technology concepts and skills to face the globalization and competitive challenges. In the Hermosillo University, (Universidad Tecnológica de Hermosillo) we are fully convinced and committed with the Cisco Networking Academy program and with our role as Regional Academy.

Ing. Elmer Moreno Ruíz
Main Contact and Instructor
Regional Academy, Universidad Tecnológica de Hermosillo, Sonora.

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News!

To all the Cisco Networking Academy Community …

- Help us improve our monthly Bulletin.
Please answer the following questions and if you are among the first 10 students, you will receive a program T-shir, click here http://www.cisco.com/mx/netacad/eboletin.shtml

- Show us your knowledge!!!
Answer the following questions, and if you are the first to have them correct (only via email), you'll get a surprise present. You have to send us your Academy Connection username and password to participate.

Question:
1.- ¿ How is raw Ethernet called ?
2.- ¿ How many ways are there to make ST or SC fiber optic connectors ?

ATTENTION INSTRUCTORS…

- **NETWORKING ACADEMY CONFERENCE, NETWORKERS 2003:**
Cisco Worldwide Education is pleased to present the Networking Academy Conference in Mexico City on Wednesday September 2nd, 2003!

The Networking Academy Conference will be held in the same place as Networkers, but it will NOT be integrated to Networkers. This year, the Networking Academy Conference will still be offering what you like from Networkers, to be up to date in the Cisco Networking Academy program progress, professional relationships with colleagues, technical training and a lot of FUN! All this at a lower price!

If you need more information about the Networking Academy conference or Networkers, please visit the following web pages:
- http://www.cisco.com/mx/nw03/spa/netacad.shtml

- http://www.cisco.com/mx/nw03/spa/faqs_na.shtml

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Our Community

My experience in the Cisco Networking Academy Program...

The Cisco Networking Academy Program added a lot of value to my professional studies. It is very satisfying to attend to classes backed up by one of the world's major internetworking companies. Since I started with the CCNA certification, my interest in networking grew in such a way, that I am now convinced that it is in this area were I want to have a professional development.

The constant growth in the telecommunications industry requires updated professionals, able to respond quickly and precisely to the continuous challenges. The Cisco Networking Academy Program provides their students with a clear vision of the present and future of this worldwide growing area. The program also offers the basic tools needed to face the working world. From my point of view, part of the program's success is due to the balance between the theory and the hands-on exercises.

The online curriculum presents the theoretical concepts, which are confirmed later during lab practices. The evaluation embraces the both aspects mentioned above, to offer the instructor and the student a general view of the acquired knowledge during the semester. I can corroborate that the lab practices helped me understand some concepts that weren't clear enough.

The instructor's participation has been of great help, their knowledge and expertise is hardly found in books. Since they have once been students of the program, they know the proper way to teach each topic.

Wrapping up, I think that the Cisco Networking Academy program is a very important engine in my professional development. It is very valuable that with programs like this one, Cisco Systems looks towards the development of top technology, planting seeds for the future.

Edgar Alejandro Sánchez Arenas
ITESM, Campus Mexico State.

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Did you know...?

New Cisco Wireless IP Phone and Affordable New Cisco Desktop IP Phones Deliver Wider Access to Business Benefits of IP Communications.

SAN JOSE, Calif., April 28, 2003 - Cisco Systems, Inc. today announced a robust and cost-effective set of new Internet Protocol (IP) telephony products and enhancements that extend the reach and benefits of its IP Communications system to a wider range of users in both small and large organizations.

The new products enhance productivity and allow greater mobility in the workplace while also improving business resilience. Today's announcement features three new IP phones, the Cisco® Wireless IP Phone 7920, the Cisco IP Phone 7912G and the Cisco IP Phone 7902G, as well as new enhancements to IP-based hardware and software.
Complet Article...

Cisco Unveils Innovative Storage Networking Go-To-Market Strategy

Cisco Systems has announced its OSM Active go-to-market strategy for its storage networking products, which will include channel relationships with EMC, HP, IBM and Hitachi Data Systems. As part of this strategy, Cisco has inked arrangements with the industry's top four storage subsystem vendors including an letter of intent signed with EMC last week, aimed at resale of the Cisco MDS 9000 Family of Multilayer directors and fabric switches.
Complet Article...

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Activities Schedule

Retooling
CATC - Tamaulipas Autonomous University.

Retooling is a yearly event, intended to review the most relevant issues of the program, like news, program status, improvements and training.

The purpose of this event is to keep all Regional Academies up to date and informed of the most important activities regarding the administration and teaching of the program. The participation in this event is high priority; every Regional Academy is committed to attend.

For more information please contact:
Marcela Diaz-Guzman Verastegui
Mail: mdiaz@uat.edu.mx
AOL: Marcela CATC MX

Date: May 29 & 30
Location: Cd. Victoria, Tamaulipas.

CCNA, CCNP y Sponsored Curriculm
Consult the next dates in:

- Technological University, Hermosillo, Sonora
- CATC - Tamaulipas Autonomous University
- Technological Queretaro University
- Technological North Guanajuato University
- Florida Community College at Jacksonville
- CATC SC - CUC Guadalajara University

Sponsored Curriculum

The CATC Sponsored Curriculum, as part of the Cisco Networking Academy Program Mexico invites all Mexican Academies to the Sponsored Curriculum Courses during June, in the Guadalajara University Campus Puerto Vallarta. Our purpose is to expand our program with the following courses: Fundamentals of Unix, IT Essentials I and II, and Java programming, sponsored by Sun Microsystems, Hewlett Packard and Panduit.

IT Essentials I: PC Hardware y Software.
Sponsored by Hewlett-Packard, this course deepens in computers' hardware, software and operating systems. The purpose is to learn the functionality of the hardware and software elements, as well as the best practices in maintenance and security.

IT Essentials II: Network Operating Systems.
Sponsored by **Hewlett-Packard**, this course offers an intensive introduction to the multi-user and multitasking operating systems. The features of network operating systems like Linux, Windows 2000, NT, and XP.

Fundamentals of UNIX.
Sponsored by **Sun Microsystems**. This course teaches how to use the UNIX operating system including exercises in the SUN Microsystems Solaris environment and introduces the CDE (Common Desktop Environment). The student will learn the basic line commands, features of the Solaris environment, including the file system browser, rights to files, the vi text editor, commands, features of the CDE as a desktop tool, printing and mail.

Fundamentals of Java Programming.
Sponsored by **Sun Microsystems**, this course provides students with an understanding of object-oriented programming. This course teaches how to program in Java to solve business problems. The course includes programming basics and the Java API (Application programming interface).

To participate in the Sponsored Curriculum, your Academy should be activated in the SC, it must offer the CCNA curriculum, have already taught module 1, have a CCNA lab, and keep the QAP (Quality Assurance Plan) in an appropriate level. Only those students currently in the CCNA track can have access to the Sponsored Curriculum courses.

The last day to enroll is May 23rd. For more information send an e-mail to Patricia Hernández patyh@pv.udg.mx .

Gender Initiative

Model project about Gender equity.
Cisco and CLI have chosen 3 Universities in Mexico to be part of a model program focused on gender, to share valuable point of view regarding the type of materials and resources that should be promoted in order to achieve the gender equity inside the Cisco Networking Academy program.

The Cisco Learning Institute thanks the **University del Valle de Mexico campus Insurgentes, UNITEC campus Atizapan, and the Tabasco Technological University** for their support and enthusiastic participation in this model project.

The participation in this model project means that they agree on sharing their gender related data and information with the Cisco/CLI team (via email and phone), and their goal is to increase the female population in the Cisco Networking Academy program in 30%.

Congratulations for your selection as model sites!

Aurora Salgado
Cisco Learning Institute
Coordinator of the Gender Initiative in Mexico.

Alliances

Program´s Benefits for the community…

Remember that one of the program's benefits is the 70% discount in the certification exam. The approximate cost at full price is $150 usd.

To locate the CCNA testing Centers in México, please visit the following sites:
www.vue.com/cisco y www.prometric.com .

On May 9th, 2002, Sun Microsystems Mexico and Cisco Mexico signed an alliance to join forces on behalf of education.
We thank the Cisco Networking Academy Mexico for their support and for the opportunity to notify, through the monthly bulletin, any news and progress regarding our academic agreement.

We are pleased to inform you that the **North Guanajuato Technological University** (Universidad Tecnológica del Norte de Guanajuato), one of our regional Academies, started its training in April with the modules Solaris and Java. This university is **a Regional Academy of the Cisco Networking Academy Program Mexico** and already signed the **Sponsored Curriculum**.

Those Academies interested in the Sponsored Curriculum, please contact Patricia Hernández patyh@pv.udg.mx .

For more information on the SC Unix and Java courses, please contact Viviana Adalid: viviana@eduserver.sunmexico.sun.com

We expect your participation to join the Cisco's Networking Academy Sponsored Curriculum!!!

We want to thank you all for your participation in the trivia in last month's bulletin. We want to remind you that we will be doing this kind of campaigns. Thank you very much for your participation!

One of the most difficult questions was the first one, regarding Pearson's origin, however, many of you gave the correct answer, but for those who did not, we will tell you a little bit about Pearson's history:

Pearson started in the construction industry during the Industrial Revolution. In 1844, Samuel Pearson founded the construction company Pearson in Yorkshire, England. As a great visionary, Samuel Pearson got involved in other businesses. In 1998, after the merger of several editorial companies including Prentice Hall, Addison Wesley, Penguin, Longman, and Financial Times, Pearson Education was originated as a global company. If you want to learn more about Pearson, which is not only dedicated to books, you can visit the site www.pearson.com.

Returning to our matters, following is a list of the most recent Books published by Cisco Press:

MPLS and VPN Architectures - Pepelnjak / Guichard Price: $200.00
Book Description:
Network engineers and administrators need fast and efficient training in this technology, to deploy VPN and MPLS in their networks. This book covers the theory and configuration of MPLS, aspects related to the design and several study cases, as well as one of the major MPLS applications: MPLS' based VPNs.

Designing Network Security - Merike Kaeo Price: $250.00
Book Description:
Practical guide designed to help you understand the fundamentals of securing your corporate network infrastructure. This book takes a comprehensive look at underlying security technologies, the process of creating a security policy, and the practical requirements necessary to implement a corporate security policy. It describes the implementation of a security policy for a corporate environment by knowing possible threats and vulnerabilities. Through the use of specific configuration examples, you will learn to specify the features required in a network infrastructure with Internet access, and dial-in environment.

"Our head is round to allow our thoughts to change direction".
Anonymous.

Cisco Networking Academy Program Mexico and Padhia developed an alliance to offer programs about Human development, academic improvement, pedagogic updating for teachers, as well as top education technology integration.

For more information: www.padhia.com.mx/cnap/index.htm

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From the CATC...

Beta course, Cisco Certified Network Associate (CCNA) 3.0
Retooling 2003

Mexico has been chosen by WorldWide Education, Cisco Systems Inc., as the first country worldwide to offer the beta course of the new version of the Cisco Certified Network Associate (CCNA) 3.0.

The CATC (Cisco Academy Training Center), is making an effort to prepare Instructors and students of the Networking Academy Program Mexico for the training of the beta version CCNA 3.0it and it is offering a comprehensive agenda, on May 26, 27 & 28.

After the course, on May 29 and 30, we will have the event Retooling 2003, with the presentation of updated topics regarding the Networking Academy Program in Mexico and around the world.

In order to provide the Netacad Community with all the required tools to be a highly competitive source of training, the CATC Mexico opens its doors to 2 instructors of each Regional Academy in Mexico, to join the following presentations agenda:

Thursday May 29th

9:00 - 9:30	Opening Ceremony
9:30 - 10:00	Participation of the Cisco Academy Training Center México
10:00 - 11:00	Update of the Program in Mexico Verónica Tostado.- Area Academy Manager, México
11:00 - 12:00	Update of the Academy Connection Transitio Help Desk- México
12:00 - 1:00	Actividad: World Café CATC .-México
	<center>**LUNCH**</center>
3:00 - 4:00	Cisco Certified Network Associate 3.0 Kevin Johnson.- WWE Cisco Systems Sonia Coker.- WWE Cisco Systems
4:00 - 5:00	Status of the Sponsored Curriculum in Latin America and worldwide Dan Myers.- International Program Manager de SC. Jaime Tabares.- Latinoamerica Program Manager SC
5:00 - 6:00	Experiences and program suggestions for the Instructors' Training in Regional Academies in Mexico. CATC SC.- México

Friday, May 30th

9:00 - 10:00	Quality Assurance Plan
10:00 - 11:00	Quality Assurance Plan CATC .-México

11:00 - 12:00	New CCNA Courses: Security
12:00 - 1:00	New CCNA Courses: Wireless Isaac Majerowicz.- Technology Manager Networking Academy Program
	LUNCH
3:00 - 4:00	Cisco Certified Network Associate Retro Isaac Majerowicz.- Technology Manager Networking Academy Program
4:00 - 5:00	MicroMuse presentation
5:00 - 6:00	---Not yet decided ---

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May I Help you?

When should the Voucher Exam be taken?

Students must take the Voucher Exam prior to graduation and before the class end date. Although the Voucher Exam is an optional exam for a course, any student that has a Class Result of "P" (Pass) in Gradebook is not eligible to take any further assessments in that class. After the class end date has passed, no assessments can be activated for any students, regardless of Class Result.

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