Introduction to Cisco Career Certifications and Training

Session: 4001

Cisco Systems

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Agenda

- **Certifications Facts**

- **Cisco Career Certifications**

- **Cisco Training, Certification Exams**

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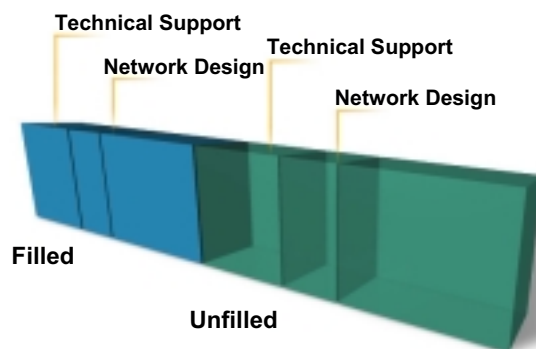2427_01_2001_c3   © 2001, Cisco Systems, Inc.

Networking Skills Trends

1,800,000
1,600,000 — Demand
1,400,000
1,200,000 — Shortage
1,000,000 — Supply
800,000
600,000
400,000
200,000

Skilled Professional

1998   1999   2000   2001   2002

Source: IDC/Cisco, 1999

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Job Opportunities

Technical Support

Network Design

Technical Support

Network Design

Filled

Unfilled

New Information Technology Positions in 2000
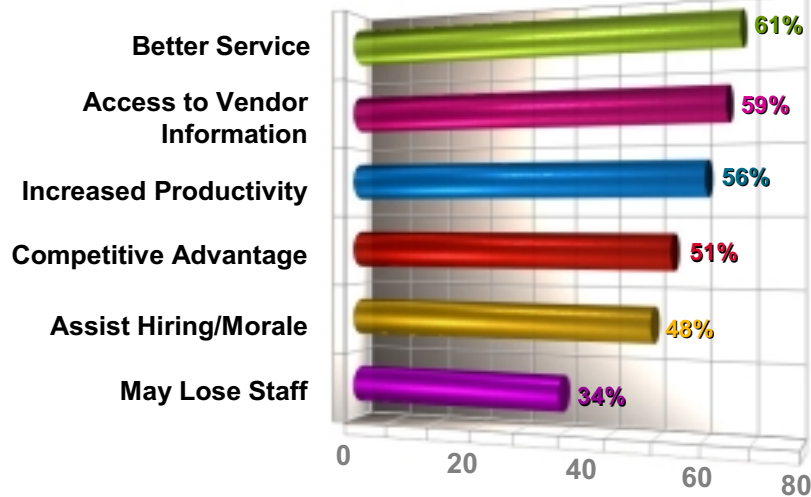**(1,600,000 New Positions)**

**Source: Information Technology
Association of America (ITAA)**

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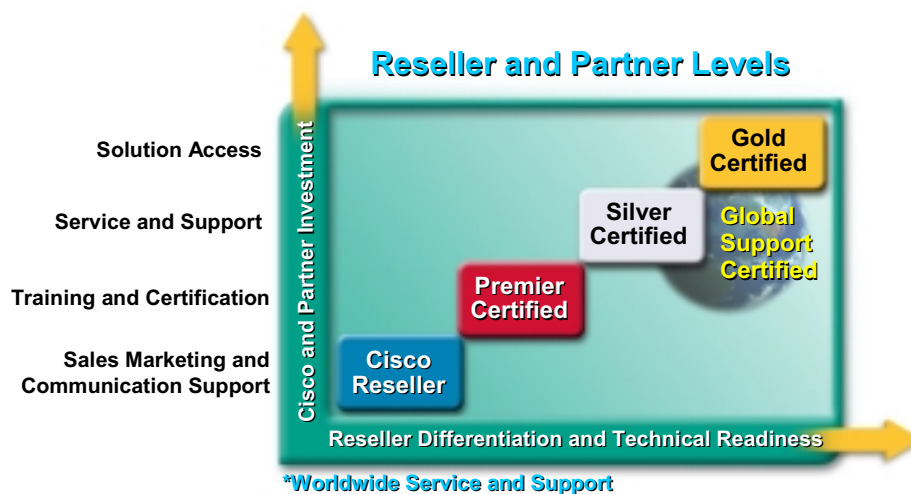## Employers See Benefits of Certified Employees

Better Service	61%
Access to Vendor Information	59%
Increased Productivity	56%
Competitive Advantage	51%
Assist Hiring/Morale	48%
May Lose Staff	34%

0   20   40   60   80

Source: Gartner Group

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Cisco Partners Need Certification

Reseller and Partner Levels

Solution Access

Service and Support

Training and Certification

Sales Marketing and Communication Support

Cisco and Partner Investment

Gold Certified

Silver Certified

Global Support Certified

Premier Certified

Cisco Reseller

Reseller Differentiation and Technical Readiness

*Worldwide Service and Support

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Agenda

- Certifications Facts
- **Cisco Career Certifications**
- Cisco Training, Certification Exam

Certification Basics for Individuals

- Determine career path
- Acquire needed skills
- Pass certification exam(s)
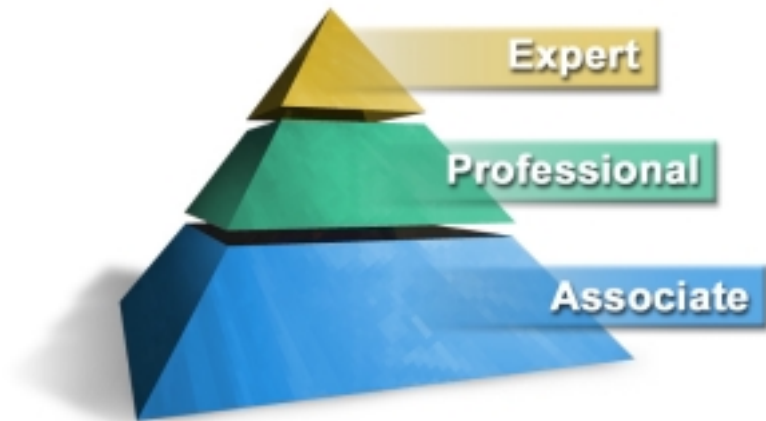- Celebrate!
- Begin next level certification

Cisco Career Certifications: Levels

Expert

Professional

Associate

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Cisco Career Certifications: Career Paths

CCIE
CCNP
CCNA

Network Support

CCIE
CCDP
CCDA
CCNA

Network Design

CCIE
CCNP / WAN
CCNA / WAN

WAN Switching
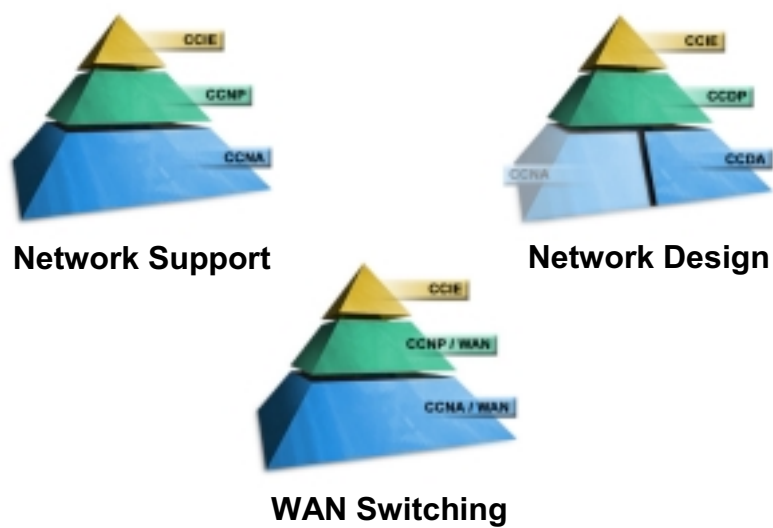
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Training and Exam Paths

- **Recommended preparation at all levels**

- **Work experience required at expert level**

www.cisco.com/go/certifications

Prerequisites

CCXX Certification

Recommended Training

Course #1

Course #2

Exam or Exam Path

Exams

Cisco Certified Network Associate
CCNA™

- **Support simple networks**

- **Configure, verify, and troubleshoot routing and LAN switching implementations**

- **Input configuration files on routers and switches**

- **Staff a help desk, retrieve calls, and isolate problems**
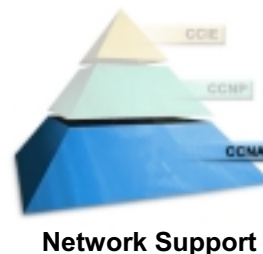
Network Support

Cisco Certified Network Professional CCNP ™

- **Support complex networks**

- **Create configuration files based on a design plan**

- **Create the test bed and staging areas for platform development**

- **Resolve complex network problems**

- **Act as technical support person or system implementer**
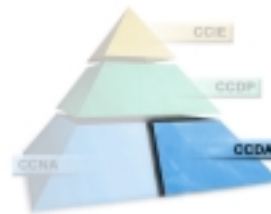
Network Support

Cisco Certified Design Associate CCDA ™

- **Determine the customers' requirements for network performance, security, capacity and scalability**

- **Design a simple network**

- **Identify how to build a prototype**

- **Assemble Cisco product lines into an end-to-end networking solution**
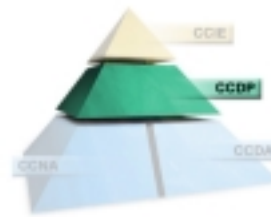
Network Design

Cisco Certified Design Professional CCDP ™

- **Design complex networks**

- **Provision platforms and technologies that meet more complex business needs across a wide range of network components**

Network Design

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Cisco Certified Internetwork Expert CCIE ™

- **CCIE Routing and Switching**

- **CCIE WAN Switching**

- **CCIE ISP Dial**

- **CCIE SNA/IP Integration**

- **CCIE Design**

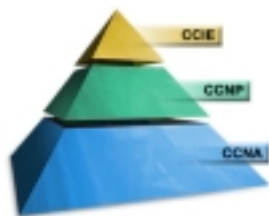**www.cisco.com/go/ccie**

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Cisco Career Certifications: Career Paths

Network Support
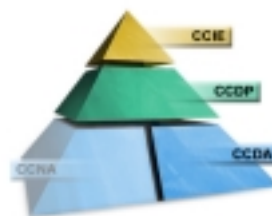
Network Design

WAN Switching

Cisco Qualified Specialists

New

- Individuals and organizations need to validate their special Cisco skills in one or more focused technologies or solutions

- To accommodate that need, Cisco has created new Cisco Qualified Specialists designations

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Cisco Qualified Specialists

New

- **Earning a Cisco Qualified Specialist designation indicates a significant competency, validated by passing one or more secure, proctored certification-quality exams**

- **Each Cisco Qualified Specialist designation has its own set of prerequisites, recommended preparation, and required exams**
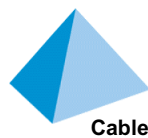
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Cisco Qualified Specialists

- **Cisco Security Specialist I**
- **Cisco Cable Communications Specialist**
- **Cisco SNA/IP Design Specialist**
- **Cisco SNA/IP Support Specialist**

Security   **Cable**   **SNA/IP**

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Re-Certification and Re-Qualification Policy

	Program	Policy
Expert	CCIE	Every 2 Years
Professional	CCNP and CCDP	Every 3 Years
Associate	CCNA and CCDA	Every 3 Years
Cisco Qualified Specialists	All	Every 2 Years

The Goal

San Francisco Consultants Ltd.

Siu Chiang
Design Engineer

6005 Plumas St. #101
Reno, NV 89509
Direct: 775 823-7300
Fax: 775 823-0000
Pager: 800 526-4200
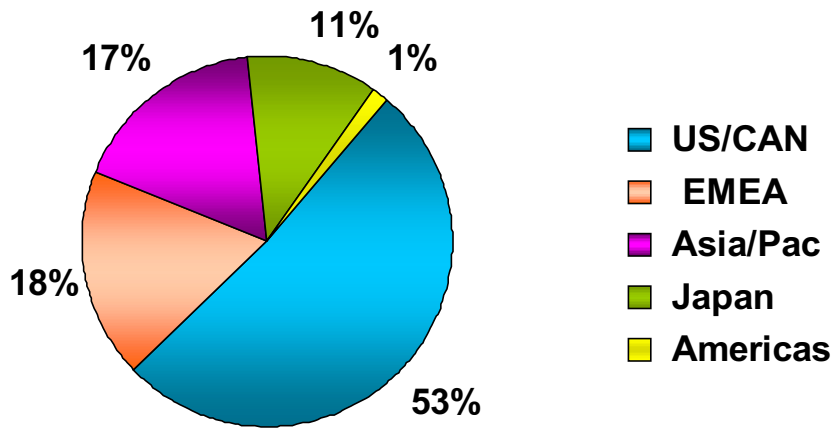sichiang@sanfran.com
www.sanfran.com

CISCO
CERTIFIED

Cisco Career Certifications Worldwide Statistics

11%

1%

17%

18%

53%

- US/CAN
- EMEA
- Asia/Pac
- Japan
- Americas

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Korea Certification Statistics

Total Certifications: 3,363

Expert	CCIE 57	
Professional	CCNP 486	CCDP 79
Associate	CCNA 2,513	CCDA 228

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Agenda

- **Certifications Facts**
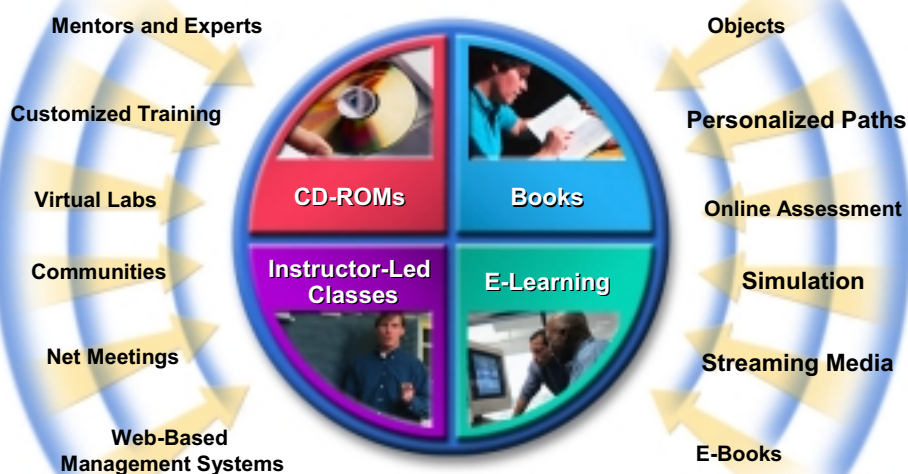- **Cisco Career Certifications**
- **Cisco Training, Certification Exam**

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Tools to Discover All That's Possible on the Internet

Mentors and Experts   Objects

Customized Training   Personalized Paths

Virtual Labs   CD-ROMs   Books   Online Assessment

Communities   Instructor-Led Classes   E-Learning   Simulation

Net Meetings   Streaming Media

Web-Based Management Systems   E-Books

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Traditional Learning Path

Recommended Training

Internetworking
Technologies (ITM)

▼

Interconnecting Cisco
Network Devices (ICND)

▼

Exam or Exam Path

CCNA Exam

Alternate Learning Path

Recommended Training

Internetworking
Technologies (ITM)

▼

| Interconnecting Cisco Network Devices (ICND) | OR | Interconnecting Cisco Network Devices E-Learning Edition (ICNDe) |

▼

Exam or Exam Path

CCNA Exam

Enhanced Learning Path

Recommended Training

Internetworking Technologies (ITM)

Interconnecting Cisco Network Devices (ICND) **OR** Interconnecting Cisco Network Devices E-Learning Edition (ICNDe)

Remote Access Labs Lab Pack

Exam or Exam Path

CCNA Exam

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Remote Access Labs

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U.S. IT Training Delivery

$Billion
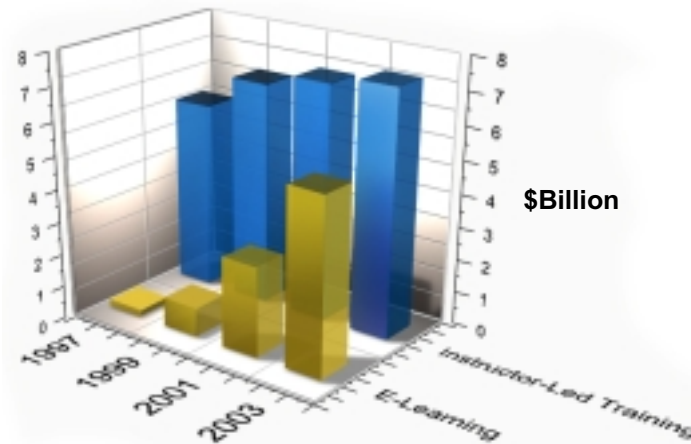
Source: International Data Corporation, 1999

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Cisco Learning Partners

- **120+ worldwide in more than 90 countries**

- **Meet rigorous contractual standards**

- **Instructors certified by Cisco (CCSI)**

- **Only source of official Cisco recommended training courses for certification**

- **Complete/customized solutions**

- **Specialized learning partners**

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LEARNING PARTNER®

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Suite of Choices:
CCNA Preparation Sample

- **Two e-learning courses**
  - CCNA Essentials
  - ICND E-Learning Edition
- **Instructor-led training course**
  - ICND - Interconnecting Cisco Network Devices
- **Computer-based training**
  - Internetworking Technology CD-ROM
- **Cisco Remote Labs**
- **Cisco Press Books**

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Cisco Networking Academy
Program

Korea currently has 6 Academies

A Comprehensive E-Learning System that Teaches Students How to Design, Build and Maintain Networks While Giving them Hands-On, Real-Life Experience

The Cisco Networking Academy Program

Cisco
Academy Program

www.cisco.com/edu

Cisco.com

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Exam Registration

- **Step 1—Note the exam name and number**
  - **See list on website**

- **Step 2—Provide personal information**
  - **Legal name, photo ID, mailing address, phone number, company name, e-mail address**

- **Step 3—Register at Prometric or VUE testing center (worldwide)**

Taking the Exam

- **Step 1—Bring two IDs, one with photo**

- **Step 2—Come prepared**

Training and Certifications Websites

www.cisco.com/go/training

www.cisco.com/go/certifications

Introduction to
Cisco Career Certifications
and Training

Session: 4002

Please Complete Your
Evaluation Form

Thank you for your time

Session: 4002

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INTERNET GENERATION**^{SM}