

Understanding Technology Certifications

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AGENDA

- Understanding Microsoft Certifications
- Understanding Cisco Certifications
- Understanding CompTIA Certifications
- How to prepare for Certification
- How do I register for a certification exam and where do I go?
- Microsoft Software Assurance Vouchers
- Cisco Learning Credits

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MCSE- Microsoft Certified Systems Engineer

- MCSE for NT 3.5 has been decertified
- MCSE for NT 4.0, Windows 2000, Windows 2003 still valid
- 7 exams total for all platforms
 - 4 core exams
 - 1 client operating system exam
 - 1 design exam
 - 1 elective exam
- MCSE specializations for Windows 2000 and 2003 platforms

MCSA- Microsoft Certified Systems Administrator

- MCSA certification introduced with Windows 2000 platform
- MCSA for Windows 2000, Windows 2003 still valid
- 4 exams total for both platforms
 - 2 core exams
 - 1 client operating system exam
 - 1 elective exam
- MCSA specializations for Windows 2000 and 2003 platforms
- Stepping stone between MCP and MCSE certifications

MCTS- Microsoft Certified Technology Specialist

- Validate skills on features and functionality of key technologies such as Windows Operating Systems, Microsoft Exchange Server, Microsoft SQL and Visual Studio
- MCTS Certification demonstrates the ability to implement, build, troubleshoot and debug specific Microsoft technologies.
- Microsoft SQL alone has 5 different MCTS Certifications
 - MCTS: SQL Server 2005
 - MCTS: SQL Server 2005 Business Intelligence
- Most MCTS Certifications require one exam

MCITP- Microsoft Certified IT Professional

- Validates a comprehensive set of skills necessary to perform a particular job role
- MCITP Certification- 5 major areas
 - Client
 - Windows Server 2008
 - Microsoft SQL
 - Microsoft Project Server
 - Microsoft Exchange Server
- MCITP Certification combines technology and job skills

MCITP Enterprise Administrator Certification

- 5 exams required
 - 70-640, TS: Windows Server 2008 Active Directory, Configuring
 - 70-642, TS: Windows Server 2008 Network Infrastructure, Configuring
 - 70-643, TS: Windows Server 2008 Applications Infrastructure
 - 70-647, Pro: Windows Server 2008, Enterprise Administrator
 - Choice of one
 - 70-620, TS: Configuring Windows Vista Client
 - 70-624, TS: Deploying and Maintaining Windows Vista Client and 2007 Microsoft Office System Desktops
 - 70-680, TS: Windows 7, Configuring

Upgrade Path for MCSA and MCSE 2003

- MCSA 2003
 - Eligible to take exam 70-648, TS: Upgrading Your MCSA on Windows Server 2003 to Windows Server 2008
 - Replaces 70-640 and 70-642
 - 4 exams total for MCITP Enterprise Administrator Certification
- MCSE 2003
 - Eligible to take exam 70-649, TS: Upgrading Your MCSE on Windows Server 2003 to Windows Server 2008
 - Replaces 70-640, 70-642 and 70-643
 - 3 exams total for MCITP Enterprise Administrator Certification

Advanced Certifications

- Microsoft Certified Master (MCM)
 - Microsoft Exchange 2010, Microsoft OCS 2007, SharePoint Server 2010, Microsoft SQL 2008 and Windows Server 2008 R2 Directory
 - Prerequisite exams and certifications
 - Three week training program, computer based exams and lab based exam
- Microsoft Certified Architect (MCA)
 - Highest level of professional certification for Microsoft Server Products
 - Microsoft Exchange Server, Microsoft SQL Server, Windows Server Directory
 - MCM Certification is a prerequisite, Application, Review Board

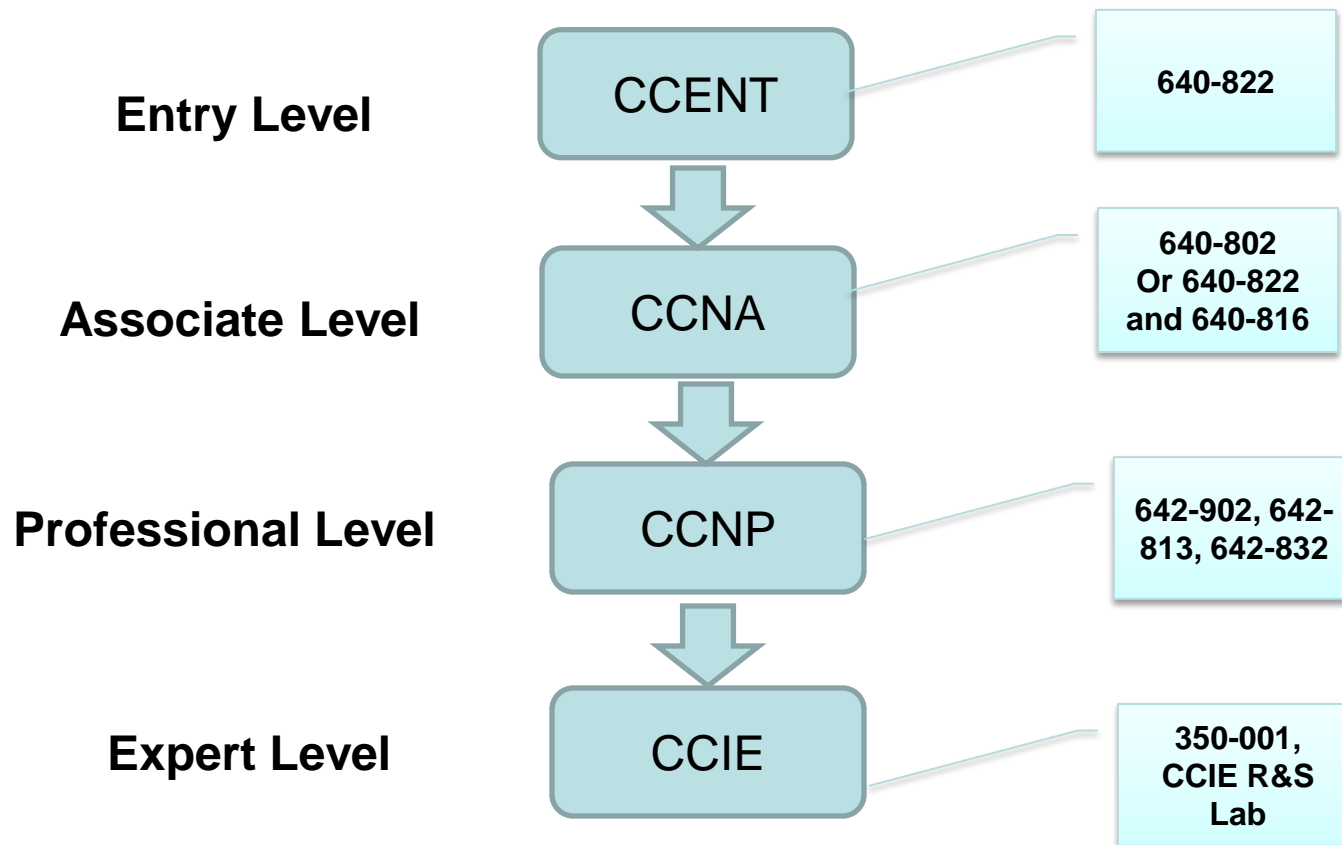
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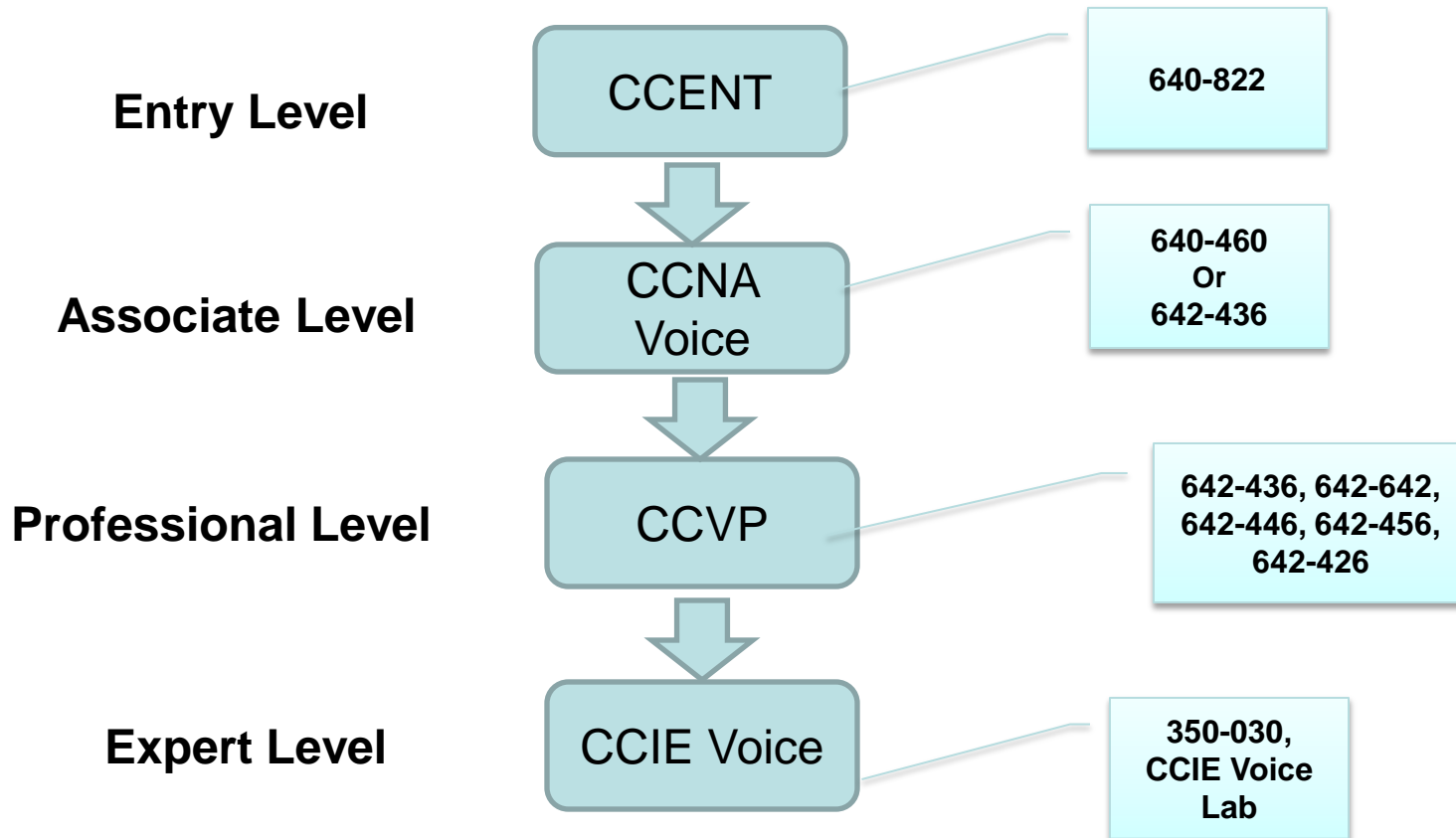
Cisco IT Certification and Career Paths

- Five levels of certification
 - Entry, Associate, Professional, Expert and Architect
- Eight different career paths
 - Routing and Switching
 - Design
 - Network Security
 - Service Provider
 - Service Provider Operations
 - Storage Networking
 - Voice
 - Wireless

Network Engineer



Voice Network Engineer



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CompTIA Certifications

- Leading provider of vendor- neutral IT Certifications worldwide
- Provides a solid foundation for more advanced certifications
- Entry level certifications
 - **A+** - PC Repair
 - **PDI+** - maintenance of printers, scanners, faxes, copy machines
- Certifications for experienced technicians
 - **Network+** - basic network infrastructure
 - **Security+** - system security, access control and organizational security
 - **Server+** - server hardware and software technologies

CompTIA Certifications continued

- **Convergence+** - Data and Voice networking
- **CDIA+** - plan, design and specify document imaging management system
- **Project+** - business and technical project management skills
- **RFID+** - support hardware and software functionality of RFID products
- **Linux+** - fundamentals of Linux

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Preparing for Certification

- Training
 - Instructor Led
 - ELearning
 - Self Study
- Practice Exams
 - www.transcender.com
 - www.measureup.com
 - www.how2pass.com

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Register for IT Certification Exam

- Prometric Testing
 - www.prometric.com
 - Microsoft, CompTIA
- Pearson Vue Testing
 - www.pearsonvue.com
 - Cisco
- Register online or by calling
- Call or check online to find Prometric and Pearson Vue testing centers

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Microsoft Software Assurance Vouchers and Cisco Learning Credits

- Microsoft SA Vouchers
 - Offered through Microsoft License packages
 - Each SA voucher can be redeemed for one day of technical training
 - Redemption only available through Microsoft Authorized Training Center
- Cisco Learning Credits
 - Purchased with Cisco hardware, software, services and as stand alone
 - Redeemable only through Cisco Authorized Training Center
 - Each credit is valued at \$100 USD toward training

Links to Resources

- HITEC Session Presentation
 - www.datanamicsinc.com/CertifyHITEC
- Microsoft Certification Map
 - www.Datanamicsinc.com/Edusrv/MicrosoftCareerCertificationMap.pdf
- Cisco Certification Map
 - <http://www.datanamicsinc.com/Edusrv/CiscoCareerCertificationMap.pdf>

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