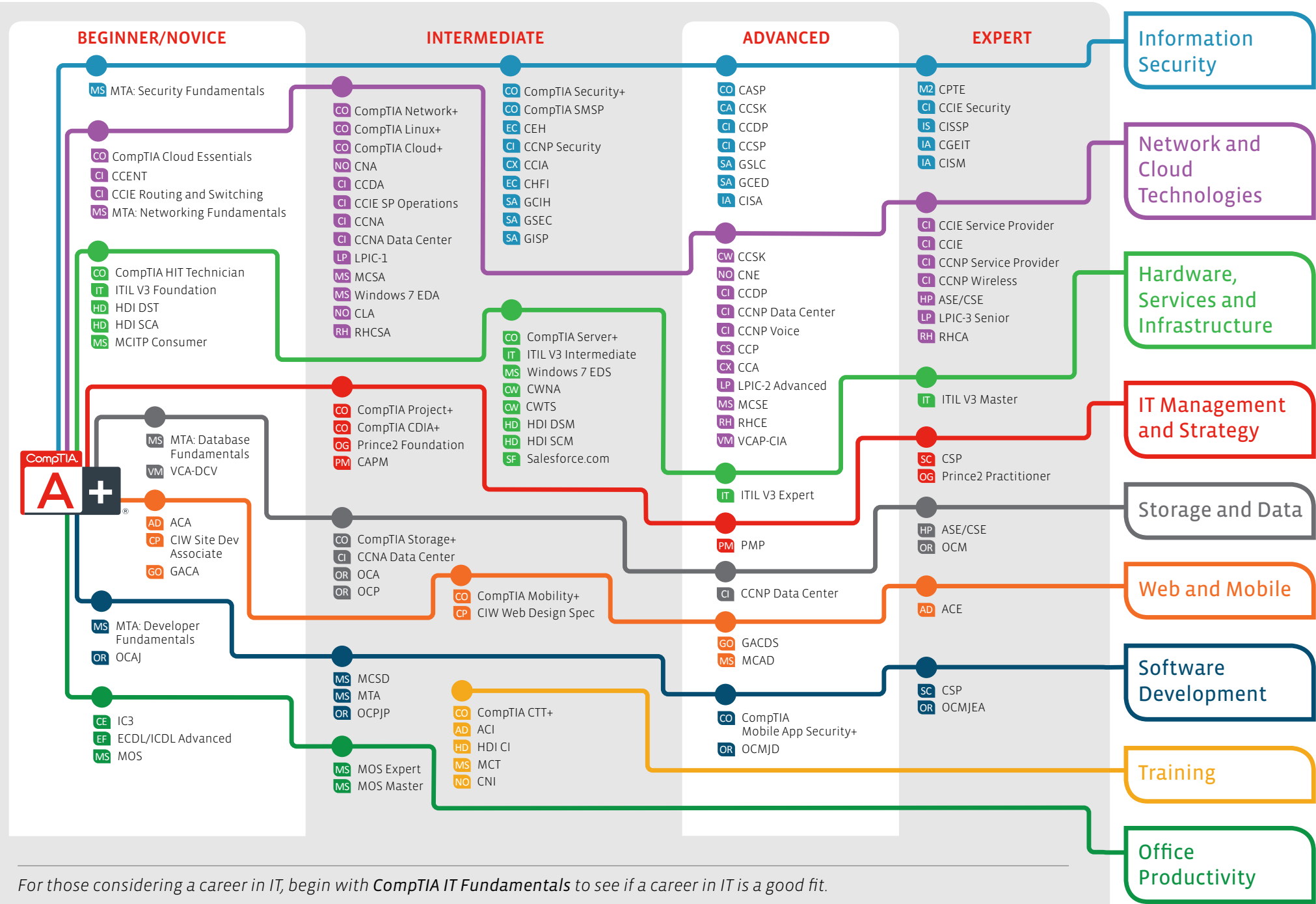# IT Certification Roadmap

Explore the possibilities with the CompTIA Interactive IT Roadmap at:
CompTIA.com/CertsRoadmap

CompTIA

Certifications validate expertise in your chosen career.

BEGINNER/NOVICE	INTERMEDIATE	ADVANCED	EXPERT

Information Security

- MS MTA: Security Fundamentals
- CO CompTIA Security+
- CO CompTIA SMSP
- EC CEH
- CI CCNP Security
- CX CCIA
- EC CHFI
- SA GCIH
- SA GSEC
- SA GISP
- CO CASP
- CA CCSK
- CI CCDP
- CI CCSP
- SA GSLC
- SA GCED
- IA CISA
- M2 CPTE
- CI CCIE Security
- IS CISSP
- IA CGEIT
- IA CISM

Network and Cloud Technologies

- CO CompTIA Cloud Essentials
- CI CCENT
- CI CCIE Routing and Switching
- MS MTA: Networking Fundamentals
- CO CompTIA Network+
- CO CompTIA Linux+
- CO CompTIA Cloud+
- NO CNA
- CI CCDA
- CI CCIE SP Operations
- CI CCNA
- CI CCNA Data Center
- LP LPIC-1
- MS MCSA
- MS Windows 7 EDA
- NO CLA
- RH RHCSA
- CW CCSK
- NO CNE
- CI CCDP
- CI CCNP Data Center
- CI CCNP Voice
- CS CCP
- CX CCA
- LP LPIC-2 Advanced
- MS MCSE
- RH RHCE
- VM VCAP-CIA
- CI CCIE Service Provider
- CI CCIE
- CI CCNP Service Provider
- CI CCNP Wireless
- HP ASE/CSE
- LP LPIC-3 Senior
- RH RHCA

Hardware, Services and Infrastructure

- CO CompTIA HIT Technician
- IT ITIL V3 Foundation
- HD HDI DST
- HD HDI SCA
- MS MCITP Consumer
- CO CompTIA Server+
- IT ITIL V3 Intermediate
- MS Windows 7 EDS
- CW CWNA
- CW CWTS
- HD HDI DSM
- HD HDI SCM
- SF Salesforce.com
- IT ITIL V3 Expert
- IT ITIL V3 Master

IT Management and Strategy

- MS MTA: Database Fundamentals
- VM VCA-DCV
- CO CompTIA Project+
- CO CompTIA CDIA+
- OG Prince2 Foundation
- PM CAPM
- PM PMP
- SC CSP
- OG Prince2 Practitioner

Storage and Data

- AD ACA
- CP CIW Site Dev Associate
- GO GACA
- CO CompTIA Storage+
- CI CCNA Data Center
- OR OCA
- OR OCP
- CI CCNP Data Center
- HP ASE/CSE
- OR OCM

Web and Mobile

- MS MTA: Developer Fundamentals
- OR OCAJ
- CO CompTIA Mobility+
- CP CIW Web Design Spec
- GO GACDS
- MS MCAD
- AD ACE

Software Development

- MS MCSD
- MS MTA
- OR OCPJP
- CO CompTIA Mobile App Security+
- OR OCMJD
- SC CSP
- OR OCMJEA

Training

- CE IC3
- EF ECDL/ICDL Advanced
- MS MOS
- MS MOS Expert
- MS MOS Master
- CO CompTIA CTT+
- AD ACI
- HD HDI CI
- MS MCT
- NO CNI

Office Productivity

CompTIA A+

*For those considering a career in IT, begin with **CompTIA IT Fundamentals** to see if a career in IT is a good fit.*

CO CompTIA Certifications

BEGINNER/NOVICE
CompTIA A+
CompTIA Cloud Essentials
CompTIA HIT Technician: Healthcare IT Technician
CompTIA IT Fundamentals
INTERMEDIATE
CompTIA CDIA+: Certified Document Imaging Architect
CompTIA Cloud+
CompTIA CTT+: Certified Technical Trainer
CompTIA Linux+
CompTIA Mobility+
CompTIA Network+
CompTIA Project+
CompTIA Security+
CompTIA Server+
CompTIA SMSP: Social Media Security Professional
CompTIA Storage+, powered by SNIA
ADVANCED
CASP: CompTIA Advanced Security Practitioner
CompTIA Mobile App Security+

AD Adobe

BEGINNER/NOVICE
ACA: Adobe Certified Associate
INTERMEDIATE
ACI: Adobe Certified Instructor
EXPERT
ACE: Adobe Certified Expert

CA Cloud Security Alliance

ADVANCED
CCSK: Certificate of Cloud Security Knowledge

CE Certiport

BEGINNER/NOVICE
IC3: Internet and Computing Core Certification

CI Cisco Systems

BEGINNER/NOVICE
CCENT: Cisco Certified Entry Networking Technician
CCIE Routing and Switching: Cisco Certified Internetwork Expert Routing and Switching
INTERMEDIATE
CCDA: Cisco Certified Design Associate
CCIE SP Operations: Cisco Certified Internetwork Expert Service Provider Operations
CCNA: Cisco Certified Network Associate
CCNA Data Center: Cisco Certified Network Associate Data Center
CCNP Security: Cisco Certified Network Professional Security

ADVANCED
CCDP: Cisco Certified Design Professional
CCNP Voice: Cisco Certified Network Professional Voice
CCSP: Cisco Certified Security Professional
EXPERT
CCIE: Cisco Certified Internetwork Expert
CCIE Security: Cisco Certified Internetwork Expert - Security
CCIE Service Provider: Cisco Certified Internetwork Expert Service Provider
CCNP Service Provider: Cisco Certified Network Professional Service Provider
CCNP Wireless: Cisco Certified Network Professional Wireless

CP Certification Partners

BEGINNER/NOVICE
CIW Site Development Associate
INTERMEDIATE
CIW Web Design Specialist

CS The Cloud School

ADVANCED
CCP: Cloud Certified Professional

CW CWNP

INTERMEDIATE
CWNA: Certified Wireless Network Administrator
CWTS: Certified Wireless Technology Specialist

CX Citrix

INTERMEDIATE
CCIA: Citrix Certified Integration Architect
ADVANCED
CCA: Citrix Certifed Administrator

EC EC Council

INTERMEDIATE
CEH: Certified Ethical Hacker
CHFI: Computer Hacking Forensic Investigator

EF ECDL Foundation

BEGINNER/NOVICE
ECDL: European Computer Driving License
ECDL/ICDL Advanced: European Computer Driving LIcense Advanced

GO Google

BEGINNER/NOVICE
GACA: Google Apps Certified Administrator
ADVANCED
GACDS: Google Apps Certified Deployment Specialist

HD HDI Global Certification

BEGINNER/NOVICE
HDI DST: HDI Desktop Support Technician
HDI SCA: HDI Support Center Analyst
INTERMEDIATE
HDI CI: HDI Certified Instructor
HDI DSM: HDI Desktop Support Manager
HDI SCM: HDI Support Center Manager

HP Hewlett-Packard

EXPERT
ASE/CSE: Accredited Systems Engineer and Certified Systems Engineer

IA ISACA

ADVANCED
CISA: Certified Information Systems Auditor
EXPERT
CGEIT: Certified in the Governance of Enterprise IT
CISM: Certified Information Security Manager

IS ISC2

EXPERT
CISSP: Certified Information Systems Security Professional

IT ITIL

BEGINNER/NOVICE
ITIL V3 Foundation
INTERMEDIATE
ITIL V3 Intermediate
ADVANCED
ITIL V3 Expert
EXPERT
ITIL V3 Master

LP Linux Professional Institute

INTERMEDIATE
LPIC-1 Junior Level Linux Professional
ADVANCED
LPIC-2 Advanced Level Linux Professional
EXPERT
LPIC-3 Senior Level Linux Professional

M2 Mile2

EXPERT
CPTE: Certified Penetration Testing Engineer

MS Microsoft

BEGINNER/INVOICE
MCITP Consumer: Microsoft Certified IT Professional: Consumer Support Technician
MOS: Microsoft Office Specialist
MTA: Database Fundamentals: Microsoft Technology Associate: Database Fundamentals
MTA: Developer Fundamentals: Microsoft Technology Associate: Developer Fundamentals
MTA: Networking Fundamentals: Microsoft Technology Associate: Networking Fundamentals
MTA: Security Fundamentals: Microsoft Technology Associate: Security Fundamentals
INTERMEDIATE
MCSA: Microsoft Certified Security Administrator
MCSD: Microsoft Certified Solutions Developer
MCT: Microsoft Certified Trainer
MOS Expert: Microsoft Office Specialist Expert
MOS Master: Microsoft Office Specialist Master
MTA: Microsoft Technology Associate
Windows 7 EDA: Microsoft Windows 7 Enterprise Desktop Administrator
Windows 7 EDS: Microsoft Windows 7 Enterprise Desktop Support
ADVANCED
MCAD: Microsoft Certified Applications Developer
MCSE: Microsoft Certified Systems Engineer

NO Novell

INTERMEDIATE
CLA: Novell SUSE Certified Linux Administrator
CNA: Certified Novell Administrator
CNI: Certified Novell Instructor
ADVANCED
CNE: Certified Novell Engineer

OG Office of Government Commerce/Prince2

INTERMEDIATE
Prince2 Foundation: Office of Government Commerce (OGC) Prince2 Foundation
EXPERT
Prince2 Practitioner: Office of Government Commerce (OGC) Prince2 Practitioner

OR Oracle

BEGINNER/NOVICE
OCAJ: Oracle Certified Associate, Java SE 6/SE 5

INTERMEDIATE
OCA: Oracle Certified Associate
OCP: Oracle Certified Professional
OCPJP: Oracle Certified Professional, Java SE 6/SE 5 Programmer
ADVANCED
OCMJD: Oracle Certified Master, Java SE6 Developer
EXPERT
OCM: Oracle Certified Master
OCMJEA: Oracle Certified Master, Java EE 5 Enterprise Architect

PM PMI

INTERMEDIATE
CAPM: PMI Certified Associate in Project Management
ADVANCED
PMP: PMI Project Management Professional

RH Red Hat

INTERMEDIATE
RHCSA: Red Hat Certified System Administrator
ADVANCED
RHCE: Red Hat Certified Engineer
EXPERT
RHCA: Red Hat Certified Architect

SA SANS

INTERMEDIATE
GCIH: GIAC Certified Incident Handler
GISP: GIAC Information Security Professional
GSEC: GIAC Security Essentials

SC Scrum Alliance

EXPERT
CSP: Certified Scrum Professional

SF Salesforce.com

INTERMEDIATE
SALESFORCE.COM: Salesforce.com Certified Administrator

VM VMWare

BEGINNER/NOVICE
VCA-DCV: VMWare Certified Associate - Data Center Virtualization
ADVANCED
VCAP-CIA: VMWare Certified Advanced Professional - Cloud Infrastructure Administration

CompTIA.