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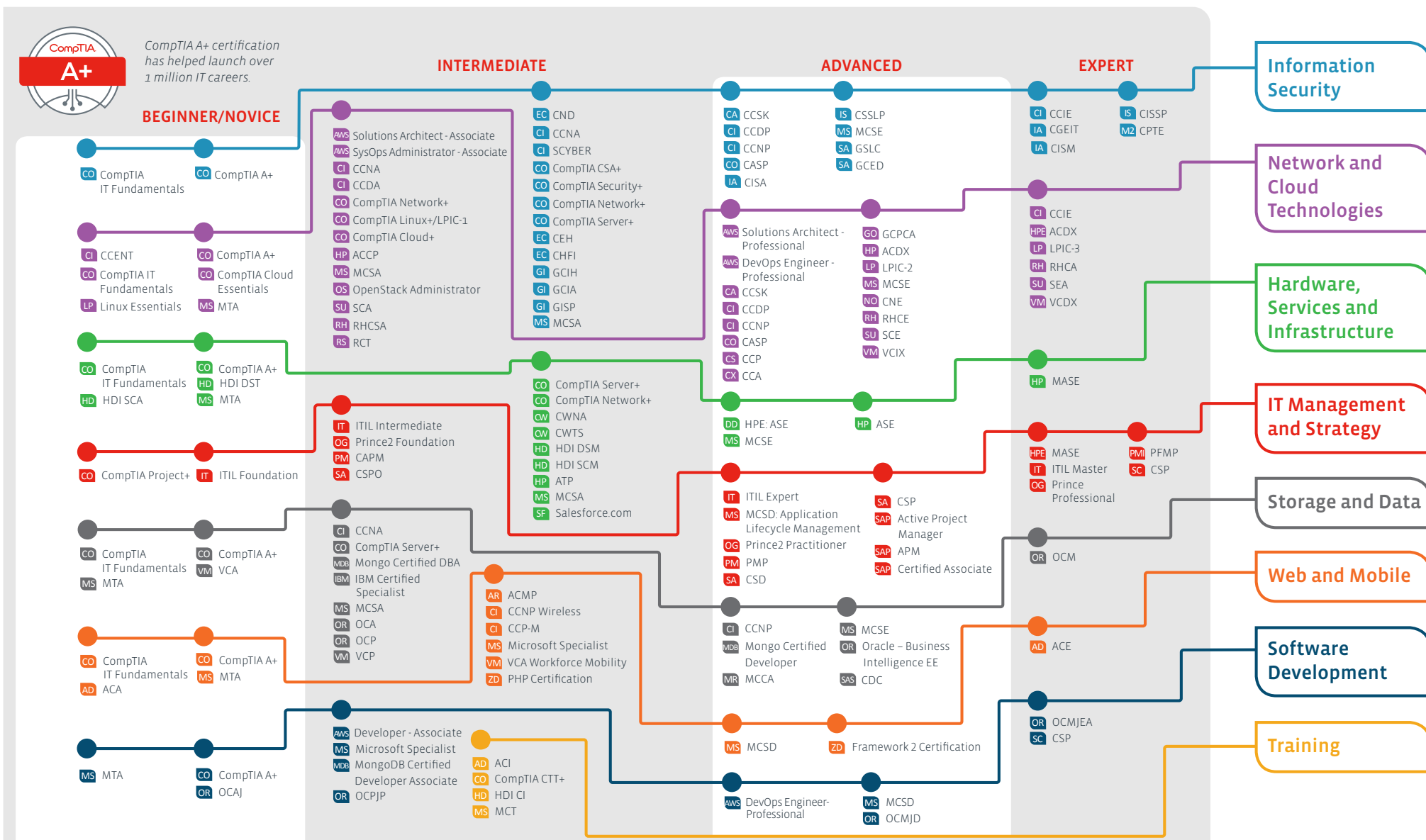
Explore the possibilities with the CompTIA Interactive IT Roadmap at:
CompTIA.org/CertsRoadmap

CompTIA.

Certifications validate expertise in your chosen career.

CompTIA A+

CompTIA A+ certification has helped launch over 1 million IT careers.

BEGINNER/NOVICE   **INTERMEDIATE**   **ADVANCED**   **EXPERT**

Information Security

- CO CompTIA IT Fundamentals
- CO CompTIA A+
- CI CCENT
- CO CompTIA IT Fundamentals
- LP Linux Essentials

AWS	Solutions Architect - Associate
AWS	SysOps Administrator - Associate
CI	CCNA
CI	CCDA
CO	CompTIA Network+
CO	CompTIA Linux+/LPIC-1
CO	CompTIA Cloud+
HP	ACCP
MS	MCSA
OS	OpenStack Administrator
SU	SCA
RH	RHCSA
RS	RCT

- EC CND
- CI CCNA
- CI SCYBER
- CO CompTIA CSA+
- CO CompTIA Security+
- CO CompTIA Network+
- CO CompTIA Server+
- EC CEH
- EC CHFI
- GI GCIH
- GI GCIA
- GI GISP
- MS MCSA

- CA CCSK
- CI CCDP
- CI CCNP
- CO CASP
- IA CISA

- IS CSSLP
- MS MCSE
- SA GSLC
- SA GCED

- CI CCIE
- IA CGEIT
- IA CISM

- IS CISSP
- M2 CPTE

Network and Cloud Technologies

- AWS Solutions Architect - Professional
- AWS DevOps Engineer - Professional
- CA CCSK
- CI CCDP
- CI CCNP
- CO CASP
- CS CCP
- CX CCA

- GO GCPCA
- HP ACDX
- LP LPIC-2
- MS MCSE
- NO CNE
- RH RHCE
- SU SCE
- VM VCIX

- CI CCIE
- HPE ACDX
- LP LPIC-3
- RH RHCA
- SU SEA
- VM VCDX

Hardware, Services and Infrastructure

- CO CompTIA IT Fundamentals
- CO CompTIA A+
- HD HDI DST
- HD HDI SCA
- MS MTA

- CO CompTIA Server+
- CO CompTIA Network+
- CW CWNA
- CW CWTS
- HD HDI DSM
- HD HDI SCM
- HP ATP
- MS MCSA
- SF Salesforce.com

- DD HPE: ASE
- MS MCSE

- HP ASE

- HP MASE

IT Management and Strategy

- CO CompTIA Project+
- IT ITIL Foundation

- IT ITIL Intermediate
- OG Prince2 Foundation
- PM CAPM
- SA CSPO

- IT ITIL Expert
- MS MCSD: Application Lifecycle Management
- OG Prince2 Practitioner
- PM PMP
- SA CSD

- SA CSP
- SAP Active Project Manager
- SAP APM
- SAP Certified Associate

- HPE MASE
- IT ITIL Master
- OG Prince Professional

- PMI PFMP
- SC CSP

Storage and Data

- CO CompTIA IT Fundamentals
- CO CompTIA A+
- VM VCA
- MS MTA

- CI CCNA
- CO CompTIA Server+
- MDB Mongo Certified DBA
- IBM IBM Certified Specialist
- MS MCSA
- OR OCA
- OR OCP
- VM VCP

- CI CCNP
- MDB Mongo Certified Developer
- MR MCCA

- MS MCSE
- OR Oracle – Business Intelligence EE
- SAS CDC

- OR OCM

Web and Mobile

- CO CompTIA IT Fundamentals
- CO CompTIA A+
- AD ACA
- MS MTA

- AR ACMP
- CI CCNP Wireless
- CI CCP-M
- MS Microsoft Specialist
- VM VCA Workforce Mobility
- ZD PHP Certification

- MS MCSD
- ZD Framework 2 Certification

- AD ACE

Software Development

- MS MTA
- CO CompTIA A+
- OR OCAJ

- AWS Developer - Associate
- MS Microsoft Specialist
- MDB MongoDB Certified Developer Associate
- OR OCPJP

- AWS DevOps Engineer-Professional

- MS MCSD
- OR OCMJD

- OR OCMJEA
- SC CSP

Training

- AD ACI
- CO CompTIA CTT+
- HD HDI CI
- MS MCT

Computer literacy certifications validating end user skills include IC3 and ECDL/ICDL

Updated 3/2017

CO CompTIA Certifications

BEGINNER/NOVICE
CompTIA A+
CompTIA Cloud Essentials
CompTIA IT Fundamentals
CompTIA Project+
INTERMEDIATE
CompTIA Cloud+
CompTIA CTT+: Certified Technical Trainer
CompTIA CSA+: Cybersecurity Analyst
CompTIA Linux+/LPIC-1
CompTIA Network+
CompTIA Security+
CompTIA Server+
ADVANCED
CASP: CompTIA Advanced Security Practitioner

AD Adobe

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

AWS Amazon Web Services

INTERMEDIATE
AWS: Certified Solutions Architect - Associate
AWS: Certified SysOps Administrator - Associate
ADVANCED
AWS: Certified Solutions Architect - Professional
AWS: Certified DevOps Engineer- Professional

CA Cloud Security Alliance

ADVANCED
CCSK: Certificate of Cloud Security Knowledge

CCP Cloudera

ADVANCED
CDA: Certified Data Analyst

CI Cisco Systems

BEGINNER/NOVICE
CCENT: Cisco Certified Entry Networking Technician
INTERMEDIATE
CCDA: Cisco Certified Design Associate
CCNA: Cisco Certified Network Associate
SCYBER: Securing Cisco Network with Threat Detection and Analysis
ADVANCED
CCDP: Cisco Certified Design Professional
CCNP: Cisco Certified Network Professional
EXPERT
CCIE: Cisco Certified Internetwork Expert

CS The Cloud School

ADVANCED
CCP: Cloud Certified Professional

CW CWNP

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

CX Citrix

ADVANCED
CCA: Citrix Certifed Administrator

EC EC Council

INTERMEDIATE
CHFI: Computer Hacking Forensic Investigator
CEH: Certified Ethical Hacker
CND: Certified Network Defender

GI GIAC

INTERMEDIATE
GCIH: GIAC Certified Incident Handler
GIAC: Certified Intrusion Analyst
GISP: GIAC Information Security Professional

GO Google

BEGINNER/NOVICE
GACA: Google Apps Certified Administrator
ADVANCED
GCPCA: Google Certified Professional Cloud Architect

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

HPE Hewlett Packard Enterprise

INTERMEDIATE
ATP: HPE Accredited Technical Professional
ACCP: Aruba Certified ClearPass Professional
ADVANCED
ASE: HPE Accredited Solutions Expert
ACDX: Aruba Certified Design Expert
EXPERT
Master ASE: HPE Master Accredited Solutions Expert
ACDX: Aruba Certified Design Expert

IA ISACA

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

IBM IBM

INTERMEDIATE
IBM Certified Specialist

IS ISC²

ADVANCED
CSSLP: Certified Secure Software Lifecycle Professional
EXPERT
CISSP: Certified Information Systems Security Professional

IT ITIL

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

LP Linux Professional Institute

BEGINNER/NOVICE
Linux Essentials
INTERMEDIATE
LPIC-1 Linux Professional
ADVANCED
LPIC-2 Linux Professional
EXPERT
LPIC-3 Linux Professional

MDB Mongo

INTERMEDIATE
Mongo DBA: Mongo Certified DBA
EXPERT
Mongo DB: MongoDB Certified Developer

MR MapR

ADVANCED
Certified Cluster Administrator MCCA

M2 Mile2

EXPERT
CPTE: Certified Penetration Testing Engineer

MS Microsoft

BEGINNER/NOVICE
MTA: Microsoft Technology Associate
INTERMEDIATE
MCSA: Microsoft Certified Solutions Associate
MCSA: Windows Server 2012
MCT: Microsoft Certified Trainer
ADVANCED
MCSD: Microsoft Certified Solutions Developer
MCSE: Microsoft Certified Solutions Expert
MS: Developing Microsoft Azure Solutions
MS: Implementing Microsoft Azure Infrastructure Solutions
MCSD: Application Lifecycle Management
MCSE: Microsoft Certified Solutions Expert Server Infrastructure

MU MongoDB University

INTERMEDIATE
MongoDB Certified Developer Associate

NO Novell

ADVANCED
CNE: Certified Novell Engineer

OG Office of Government Commerce/Prince2

INTERMEDIATE
Prince2 Foundation: Office of Government Commerce (OGC) Prince2 Foundation
ADVANCED
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
ORBI: Oracle Business Intelligence Foundations- Business Intelligence EE
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 Professional
EXPERT
PfMP: Portfolio Management Professional

RH Red Hat

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

RS Rackspace

INTERMEDIATE
RCT: Rackspace Certified Technician

SAP SAP

ADVANCED
SAP: Certified Associate
SAP: APM
SAPCA: SAP Activate Project Manager

SAS SAS

ADVANCED
SAS CDC: SAS Certified Data Scientist

SC Scrum Alliance

INTERMEDIATE
CSPO: Certified Scrum Product Owner
ADVANCED
CSD: Certified Scrum Professional
CSP: Certified Scrum Developer

SF Salesforce.com

INTERMEDIATE
SALESFORCE.COM: Salesforce.com Certified Administrator

SU SUSE

INTERMEDIATE
SCA: SUSE Certified Administrator
ADVANCED
SCE: SUSE Certified Engineer
EXPERT
SEA: SUSE Enterprise Architect

VM VMware

BEGINNER/NOVICE
VCA: VMware Certified Associate
INTERMEDIATE
VCP: VMware Certified Professional VMware Certified Associate Workforce Mobility
ADVANCED
VCIE: VMware Certified Implementation Expert
EXPERT
VCDE: VMware Certified Design Expert

ZD Zend

INTERMEDIATE
PHP Certification
ADVANCED
Framework 2 Certification

CompTIA.