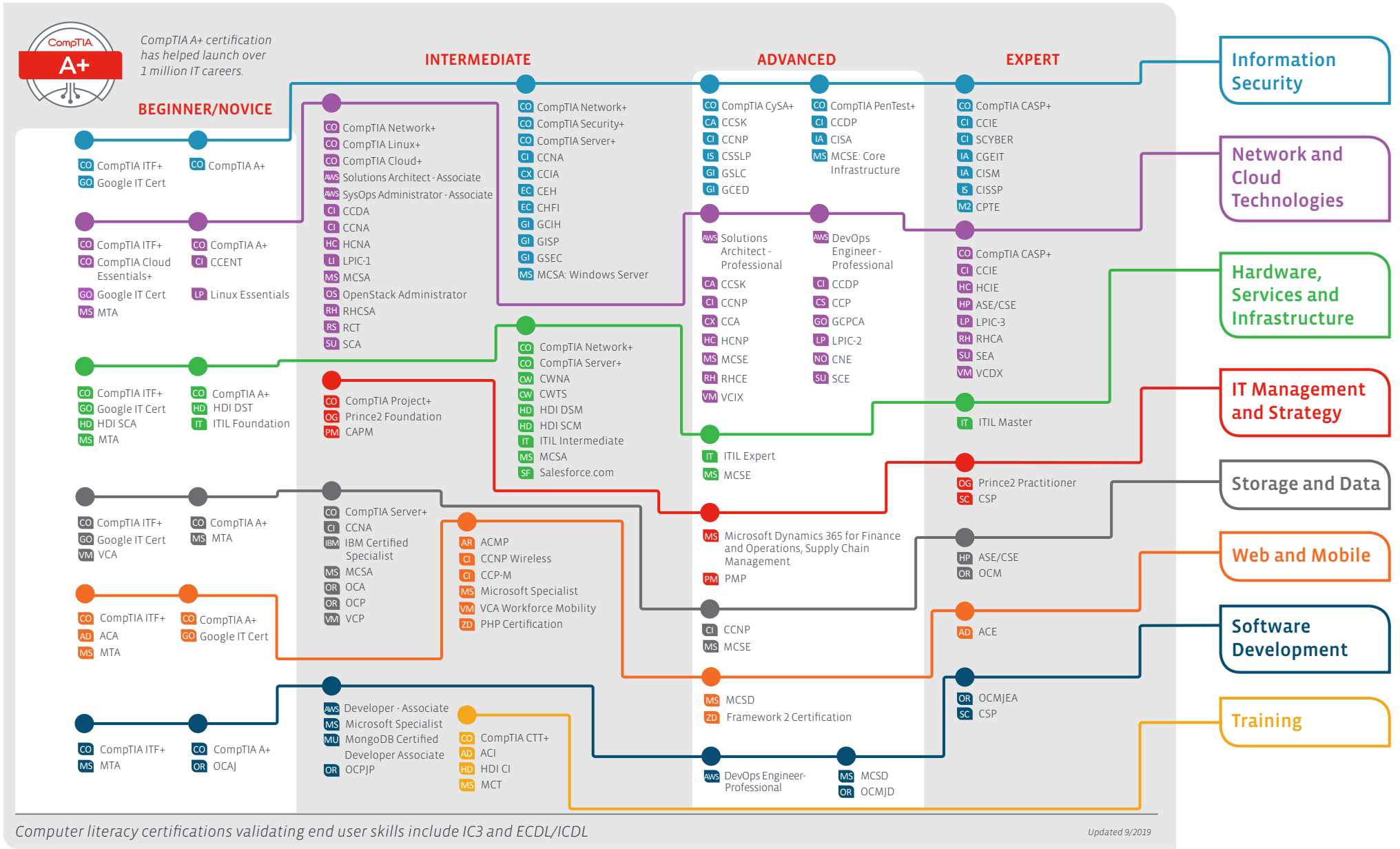
IT Certification Roadmap

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

CompTIA

Certifications validate expertise in your chosen career.



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

Updated 9/2019

CO CompTIA Certifications

BEGINNER/NOVICE
CompTIA A+
CompTIA Cloud Essentials+
CompTIA ITF+
INTERMEDIATE
CompTIA Cloud+
CompTIA CTT+: Certified Technical Trainer
CompTIA Linux+
CompTIA Network+
CompTIA Project+
CompTIA Security+
CompTIA Server+
ADVANCED
CompTIA CySA+: Cybersecurity Analyst
CompTIA PenTest+
EXPERT
CompTIA CASP+: CompTIA Advanced Security Practitioner

AD Adobe

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

AR Aruba

INTERMEDIATE
ACMP: Aruba Certified Mobility Professional

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

CI Cisco Systems

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

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

GI GIAC

INTERMEDIATE
GCIH: GIAC Certified Incident Handler
GISP: GIAC Information Security Professional
GSEC: GIAC Security Essentials
ADVANCED
GCED: Certified Enterprise Defender
GSLC: Security Leadership

GO Google

BEGINNER/NOVICE
GACA: Google Apps Certified Administrator
Google IT Cert: Google IT Support Professional Certificate
ADVANCED
GCPCA: Google Certified Professional Cloud Architect

HC Huawei

INTERMEDIATE
HCNA: Huawei Certified Network Associate
ADVANCED
HCNP: Huawei Certified Network Professional
EXPERT
HCIE: Huawei Certified Internetwork Expert

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

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

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
MCT: Microsoft Certified Trainer
ADVANCED
MB-330: Microsoft Dynamics 365 for Financeand Operations, Supply Chain Management
MCSD: Microsoft Certified Solutions Developer
MCSE: Microsoft Certified Solutions Expert
MCSE: Microsoft Certified Solutions Expert Server Infrastructure
MS: Developing Microsoft Azure Solutions
MS: Implementing Microsoft Azure Infrastructure Solutions

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
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 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

SC Scrum Alliance

EXPERT
CSP: Certified Scrum Professional

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®