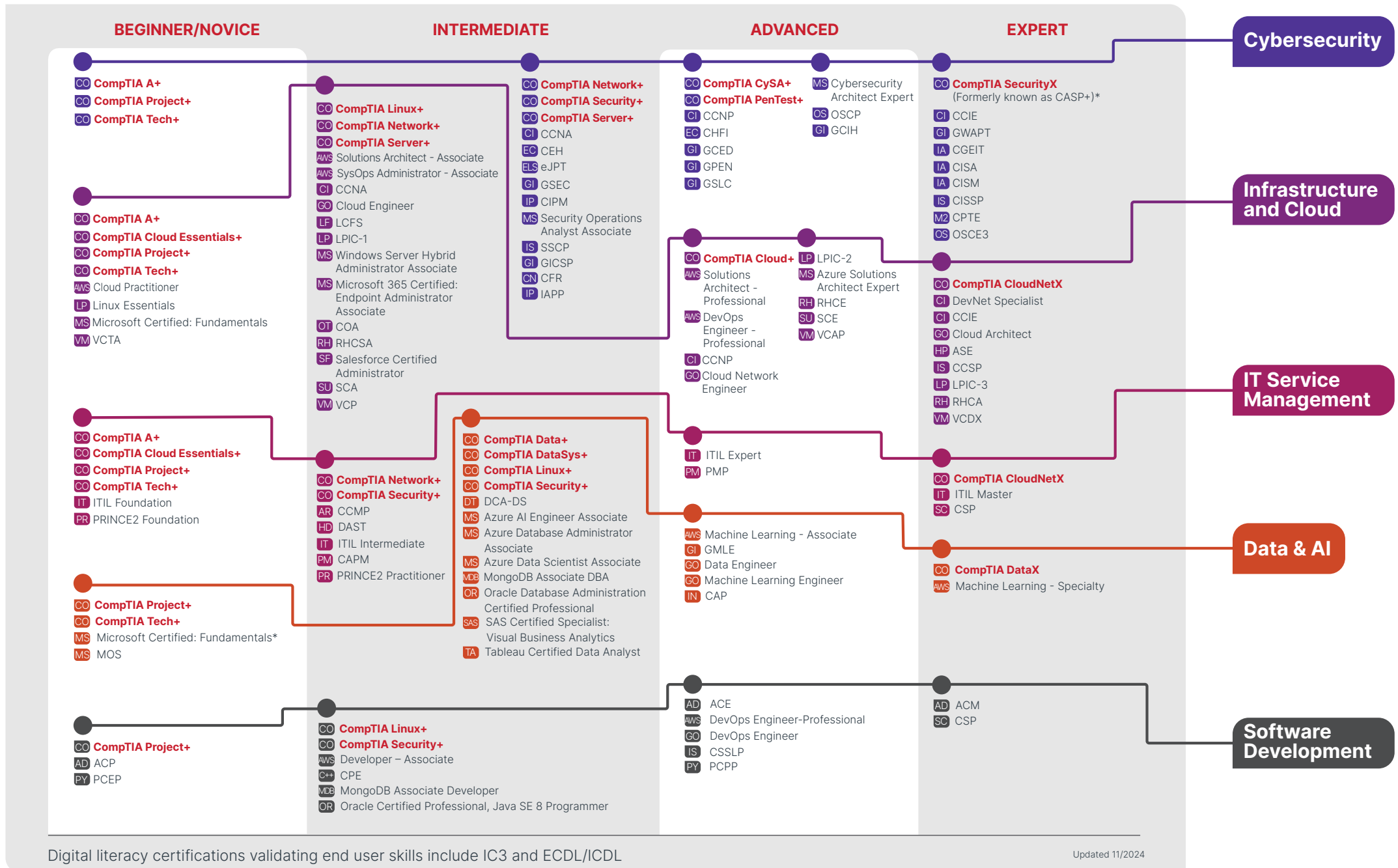


IT Certification Roadmap

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

CompTIA

Certifications validate expertise in your chosen career.



*CASP+ renamed SecurityX November 2024

**Microsoft offers several fundamental certifications that cover a wide range of their technology solutions.

CO **CompTIA**
Certifications

BEGINNER/NOVICE
CompTIA A+
CompTIA Cloud Essentials+
CompTIA Tech+
CompTIA Project+

INTERMEDIATE
CompTIA Data+
CompTIA DataSys+
CompTIA Linux+
CompTIA Network+
CompTIA Security+
CompTIA Server+

ADVANCED
CompTIA Cloud+
CompTIA CySA+
CompTIA PenTest+

EXPERT
CompTIA CloudNetX
CompTIA DataX
CompTIA SecurityX

AD **Adobe**

BEGINNER/NOVICE
ACP: Adobe Certified Professional

ADVANCED
ACE: Adobe Certified Expert

EXPERT
ACM: Adobe Certified Master

AR **Association of**
Change Management

INTERMEDIATE
CCMP: Certified Change
Management Professional

AWS **Amazon Web Services**

BEGINNER/NOVICE
AWS Cloud Practitioner

INTERMEDIATE
AWS Certified Solutions Architect -
Associate
AWS Certified SysOps Administrator -
Associate
AWS Certified Developer - Associate

ADVANCED
AWS Certified Solutions Architect -
Professional
AWS Certified DevOps Engineer-
Professional
AWS Certified Machine Learning -
Associate

EXPERT
AWS Certified Machine Learning -
Specialty

CI **Cisco Systems**

INTERMEDIATE
CCNA: Cisco Certified Network
Associate

ADVANCED
CCNP: Cisco Certified Network
Professional

EXPERT
Cisco Certified DevNet Specialist
CCIE: Cisco Certified Internetwork
Expert

C++ **C++ Institute**

INTERMEDIATE
CPE: C++ Certified Entry-Level
Programmer

DT **Dell Technologies**

INTERMEDIATE
DCA-DS: Dell Technologies Data
Science Associate

EC **EC Council**

INTERMEDIATE
CEH: Certified Ethical Hacker

ADVANCED
CHFI: Computer Hacking Forensic
Investigator

ELS **eLearnSecurity**

INTERMEDIATE
eJPT: eLearnSecurity Junior Penetration

GI **GIAC**

INTERMEDIATE
GSEC: GIAC Security Essentials

ADVANCED
GCED: GIAC Certified Enterprise
Defender
GCIH: GIAC Certified Incident
Handler

GMLE: GIAC Machine Learning
Engineer
GPEN: GIAC Penetration Tester
GSLC: GIAC Security Leadership

EXPERT
GWAPT: GIAC Web Application
Penetration Tester

GO **Google**

INTERMEDIATE
Google Cloud Engineer

ADVANCED
Google Cloud Network Engineer
Google DevOps Engineer
Google Professional Machine
Learning Engineer
Google Professional Data Engineer

EXPERT
Professional Cloud Architect

HD **HDI Global**
Certification

INTERMEDIATE
DAST: Desktop Advanced Support
Technician

HP **Hewlett-Packard**

EXPERT
ASE: Accredited Systems Engineer

IA **ISACA**

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

IP **IAPP**

INTERMEDIATE
CIPM: Certified Information Privacy
Manager

IN **Informa**

ADVANCED
CAP: Certified Analytics Professional

IS **ISC2**

INTERMEDIATE
SSCP: Systems Security Certified
Practitioner

ADVANCED
CSSLP: Certified Secure Software
Lifecycle Professional

EXPERT
CCSP: Certified Cloud Security
Professional

CISSP: Certified Information Systems
Security Professional

IT **ITIL**

BEGINNER/NOVICE
ITIL Foundation

INTERMEDIATE
ITIL Intermediate

ADVANCED
ITIL Expert

EXPERT
ITIL Master

LF **The Linux Foundation**

INTERMEDIATE
LCFS: Linux Foundation Certified
System Administrator

LP **Linux Professional**
Institute

BEGINNER/NOVICE
Linux Essentials

INTERMEDIATE
LPIC-1

ADVANCED
LPIC-2

EXPERT
LPIC-3

M2 **Mile2**

EXPERT
CPTe: Certified Penetration Testing
Engineer

MS **Microsoft**

BEGINNER/NOVICE
Microsoft Certified: Fundamentals
MOS: Microsoft Office Specialist

INTERMEDIATE
Microsoft 365 Certified: Endpoint
Administrator Associate
Microsoft Certified: Azure AI Engineer
Associate
Microsoft Certified: Azure Database
Administrator Associate
Microsoft Certified: Azure Data
Scientist Associate
Microsoft Certified: Security
Operations Analyst Associate
Microsoft Certified: Windows Server
Hybrid Administrator Associate

ADVANCED
Microsoft Certified: Azure Solutions
Architect Expert
Microsoft Certified: Cybersecurity
Architect Expert

MDB **MongoDB**

INTERMEDIATE
MongoDB Associate Developer
MongoDB Associate DBA (Database
Administrator)

OR **Oracle**

INTERMEDIATE
Oracle Database Administration
Certified Professional
Oracle Certified Professional, Java SE
8 Programmer

OS **OffSec**

ADVANCED
OSCP: OffSec Certified Professional

EXPERT
OSCE3: OffSec Certified Expert3

OT **OpenStack**

INTERMEDIATE
COA: Certified OpenStack Administrator

PM **PMI**

INTERMEDIATE
CAPM: Certified Associate in Project
Management

ADVANCED
PMP: Project Management Professional

PR **PRINCE2**

BEGINNER/NOVICE
PRINCE2 Foundation

INTERMEDIATE
PRINCE2 Practitioner

PY **Python Institute**

BEGINNER/NOVICE
PCEP: Certified Entry-Level Python
Programmer

ADVANCED
PCPP: Certified Professional Python
Programmer

RH **Red Hat**

INTERMEDIATE
RHCSA: Red Hat Certified System
Administrator

ADVANCED
RHCE: Red Hat Certified Engineer

EXPERT
RHCA: Red Hat Certified Architect

SAS **SAS**

INTERMEDIATE
Certified Specialist Visual Business
Analytics

SC **Scrum Alliance**

EXPERT
CSP: Certified Scrum Professional

SF **Salesforce**

INTERMEDIATE
Salesforce Certified Administrator

SU **SUSE**

INTERMEDIATE
SCA: SUSE Certified Administrator

ADVANCED
SCE: SUSE Certified Engineer

TA **Tableau**

INTERMEDIATE
Tableau Certified Data Analyst

VM **VMware**

BEGINNER/NOVICE
VCTA: VMware Certified Technical Associate

INTERMEDIATE
VCP: VMware Certified Professional

ADVANCED
VCAP: VMware Certified Advanced
Professional

EXPERT
VCDX: VMware Certified Design Expert