



Peripio and Skillsoft

Please contact support@skillsoft.com if you do not receive a Completion Certificate.

Note: Valid training courses in this document are subject to change without prior notification. Training submitted based on prior approval will remain valid. Training submitted after the date on this document must meet this document training requirements.

Training Valid in this document is based on the exam objectives:

- A+ 220-1201 and 220-1202
- Network+ N10-009
- Security+ SY0-701
- Linux+ XK0-005
- Cloud+ CV0-004
- PenTest+ PT0-003
- CySA+ CS0-003
- SecurityX CAS-005

Activity name to use when uploading CEUs into a certification record:

Completed a Training Course

Training formats accepted are Classroom-Based, Live Online, Private On-Site and Self-paced e-learning.

CEU Required Documentation

The certified professional must upload a certificate of completion into their certification record as proof of attendance.

Completion Certificate

1. Name of training provider
2. Training course title
3. Name of the certified professional
4. Date the training was completed

Training must be completed within the three-year CE Renewal cycle. The course duration hours are to be used when entering CEU hours in a certification record. Training can only be used once within a CE cycle, even is updated. Please see the training provider course descriptions for durations.

Skillsoft Course Title	CEUs	A+	Network+	Security+	Linux+	Cloud+	PenTest+	CySA+	SecurityX
AWS - DOP-C02: AWS Certified DevOps Engineer – Professional									
AWS DevOps Engineer Pro 2024: Mastering CI/CD Pipelines	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Automated Testing	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Artifact Management & Security	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Deployment Strategies for AWS Environments	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: AWS Infrastructure as Code	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Multiple Account Management	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Designing Automated Solutions for AWS at Scale	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Designing Highly Available Architectures	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Solution Scalability for Business Growth	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Recovery Automation	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Collection, Aggregation, & Storage of Metrics	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Auditing, Monitoring, & Log Analysis	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Automated Monitoring & Event Management	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Environment Management & Incident Detection	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Managing Event Sources	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Implementing Configuration Changes	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Troubleshooting System & Application Failures	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A



AWS DevOps Engineer Pro 2024: Implementing IAM at Scale	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS DevOps Engineer Pro 2024: Security Monitoring & Auditing for Compliance	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

AWS - DVA-C02: AWS Certified Developer - Associate

AWS Developer Associate 2022: Cloud Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: CloudFormation	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Serverless Compute Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Stateless Applications	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Configuration as Code	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Storage Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Database Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Analytics Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Integration Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: CI/CD Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Identity & Access Management	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Encryption & Security	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Network Security	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Security Controls	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: AWS Elastic Beanstalk (EB)	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Amazon Elastic Compute Cloud (EC2)	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Monitoring Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: AWS Optimization	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Troubleshooting Techniques	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Developer Associate 2022: Troubleshooting Cloud Security Issues	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

AWS - MLS-C01: AWS Certified Machine Learning - Specialty

AWS Certified Machine Learning: Problem Framing & Algorithm Selection	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
---	---	-----	-----	-----	-----	-------	-----	-----	-----



AWS Certified Machine Learning: Machine Learning in SageMaker	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS Certified Machine Learning: ML Algorithms in SageMaker	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS Certified Machine Learning: Advanced SageMaker Functionality	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
AWS Certified Machine Learning: AI/ML Services	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

AWS - SAA-C03:AWS Certified Solutions Architect - Associate

AWS Solutions Architect Associate 2022: Architecture & Tools	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Data Storage Services	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Managing S3 Buckets	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Managing Network Infrastructure	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Connectivity & Name Resolution	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Managing EC2 Instances	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: App & Coding Services	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: AWS Cryptography & PKI	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Identity & Access Management	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Network Security Services	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Data & Service Availability	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Associate 2022: Cost Management	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

AWS - SAP-C02: AWS Certified Solutions Architect - Professional

AWS Solutions Architect Professional 2022: Network Connectivity	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: S3 & CloudFront	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A



AWS Solutions Architect Professional 2022: Databases & Caching	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: Deploying EC2 Instances	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: AWS Developer Services	1.0003	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: AWS Cryptographic Services	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: Identity and Access Management	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: Network & Web Firewalls	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: Managing AWS Costs	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS Solutions Architect Professional 2022: Monitoring AWS Services	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

AWS - SOA-C02: AWS Certified SysOps Administrator - Associate

AWS SysOps Associate 2021: Network Configuration	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: Network Security	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: VPNs & Data Privacy	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: DNS Name Resolution	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: EC2 Instance Deployment & Sizing	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: EC2 Instance Management	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: Identity & Access Management	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: Managing AWS Costs	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: AWS & Business Continuity	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2021: Monitoring AWS	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2022: Network Settings	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
AWS SysOps Associate 2022: Firewall Solutions	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

Cisco - 100-490: Supporting Cisco Routing and Switching Network Devices (RSTECH)

RSTECH: Cisco Equipment, Components, & Port Characteristics	1.0133	N/A	VALID		N/A	N/A	N/A	N/A	N/A
RSTECH: Troubleshooting, Upgrading, Recovering, & Resetting	1	N/A	VALID		N/A	N/A	N/A	N/A	N/A

Cisco - 200-201: Understanding Cisco Cybersecurity Operations Fundamentals (CBROPS)

CBROPS: The CIA Triad & Security Approaches	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
CBROPS: CVSS, Deployments, Access Control, & Data Visibility	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
CBROPS: Firewall, Filtering, Visibility, & Control Data	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
CBROPS: Host-based Analysis & the Role of Attribution	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
CBROPS: Security Events, Firewall Operations, & Traffic Analysis	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
CBROPS: File Extraction, Event Artifacts, & Regular Expressions	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
CBROPS: Protected Data, Profiling, Forensics, & IRP	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A

Cisco - 200-301: Cisco Certified Network Associate (CCNA) v1.1

CCNA 2024: Overview of Networking Components	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CCNA 2024: Devices Management Using Cisco IOS	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CCNA 2024: IP Subnetting and Addressing Techniques	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CCNA 2024: Spanning Tree Protocol (STP)	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CCNA 2024: OSPF and First Hop Redundancy Protocols	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CCNA 2024: IP Services - QoS, NTP, SNMP, Syslog	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A

Cisco - 200-901: DEVASC - Cisco Certified DevNet Associate

DEVASC: Application Infrastructure, Deployment, Security, & CI/CD	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
DEVASC: DevOps, Docker, Bash, & Unit Testing Basics	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
DEVASC: Coding, Testing, & Managing Cisco Devices	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
DEVASC: Network, Collaboration, Security, & Compute Capabilities	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A

Cisco - 300-410: Implementing Cisco Enterprise Advanced Routing and Services (ENARSI)

ENARSI: Summarization, Policy-based Routing, VRF-lite, & BFD	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
ENARSI: EIGRP Concepts	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
ENARSI: OSPF Concepts	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A



ENARSI: Advanced OSPF Features	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
ENARSI: BGP Address Families, Peers, AS Numbers, & Neighbor Sta	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
ENARSI: IPv6 First Hop Security and AAA, ACL, uRPF, & CoPP Troubl	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A

Cisco - 300-420: Designing Cisco Enterprise Networks (ENSLD)

ENSLD: Advanced Design Principles	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
ENSLD: WAN, VPN, & SD-WAN Design	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A

Cisco - 300-710: Securing Networks with Cisco Firepower (SNCF)

SNCF: Cisco Firewall, IPS Systems, & the FMCv in AWS	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SNCF: Security Intelligence & Policies	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SNCF: Network Discovery, Identity and DNS Policies, & Correlation	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SNCF: Dashboards, Reporting, Troubleshooting, Packet Capture, & t	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A

Cisco - 350-401: Implementing and Operating Cisco Enterprise Network Core Technologies

ENCOR: WLAN Deployment, SD-WAN, & SD-Access	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
ENCOR: OSPF LSAs, Features, & Troubleshooting	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
ENCOR: eBGP & BGP	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A

Cisco - 350-601: Implementing Cisco Data Center Core Technologies (DCCOR)

DCCOR: NX-OS, OSPFv2, & OSPFv3	1.0019	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
DCCOR: MP-BGP, PIM, FHRPs, & RSTP+	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
DCCOR: Streaming Telemetry & Cisco UCS	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A

Cisco - 350-701: Implementing and Operating Cisco Security Core Technologies (SCOR)

SCOR: Security Vulnerabilities, Attack Mitigations, & Cryptographic	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: VPNs, Security Intelligence, & Social Engineering Attacks	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: Security Models & Frameworks	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: DHCP Snooping, DAI, IP Source Guard, Private VLANs, & Stor	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: Configuring and Verifying VPN & IPsec	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: Cloud Deployment, Service Models, Responsibilities, & Secu	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A



SCOR: Cisco Firepower, Traffic Management, Identity, & Authentication	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: Working with ESA, CES, & WSA	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A
SCOR: MDM, MFA, & Endpoint Solutions	1	N/A	VALID	VALID	N/A	N/A	N/A	N/A	N/A

Cisco - 350-801: Implementing and Operating Cisco Collaboration Core Technologies (CLCOR)

CLCOR: Configuring Cisco IOS Gateway	1	N/A	VALID	N/A	N/A	N/A	N/A	N/A	N/A
--------------------------------------	---	-----	-------	-----	-----	-----	-----	-----	-----

CompTIA - 220-1201: CompTIA A+ Core 1

CompTIA A+ Core 1: Hardware and Display Components	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Mobile Accessories and Connectivity	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Optimizing Mobile Devices	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Networking Fundamentals	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Wireless Networking and Services	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Networking Concepts and Configurations	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Internet Connection Types and Features	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Network Troubleshooting Tools and Techniques	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Cable Types and Connectors	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: RAM and Storage Solutions	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Motherboards, CPUs, and Expansion Cards	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Power Supplies and Cooling	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Multifunction Devices and Printers	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Cloud Computing Concepts	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Client-Side Virtualization	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Cloud and Virtualization Troubleshooting	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Problem Solving and Best Practices	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Troubleshooting Storage and RAID Issues	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Troubleshooting Displays and Peripherals	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA A+ Core 1: Troubleshooting Networks and Printers	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CompTIA - CAS-005: SecurityX

CompTIA SecurityX: Governance Components	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Security Risk Management	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Threat Modeling Scenarios	2	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Artificial Intelligence (AI) Security Challenges	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Resilient System Design	2	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Security Design & Integration	2	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Access, Authentication, & Authorization	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Zero Trust Design	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Identity & Access Management	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Server & Endpoint Security	2	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CompTIA SecurityX: Hardware Security	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID

CompTIA - CLO-002: CompTIA Cloud Essentials+

CompTIA Cloud Essentials+: Essential Cloud Principles	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Essential Cloud Networking	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Connectivity & Load Balancing	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Storage Technologies	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Design Considerations	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Gap Analysis & Cloud Assessment	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Contracting with Cloud Service Provider	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Adoption to Enhance Business Value	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Security Considerations	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Native Apps & Cloud Data Analytics	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Operations within Cloud	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: DevOps in the Cloud	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Licensing Models & Risk Mitigation	1	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Cloud Essentials+: Cloud Governance & Securing Data	2	VALID	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CompTIA - CS0-003: CompTIA Cybersecurity Analyst (CySA+)

CompTIA Cybersecurity Analyst+: Network Security Concepts	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Cloud Computing & Cybersecurity	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Data Security Standards	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Threat Intelligence Information	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Managing Risk	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Business Continuity Planning	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Authentication	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Cryptography	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Malware	2	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Malicious Techniques & Procedures	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Vulnerability & Penetration Testing	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A
CompTIA Cybersecurity Analyst+: Security & Network Monitoring	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	N/A

CompTIA - CV0-004: CompTIA Cloud+

CompTIA Cloud+: Cloud Concepts and Architecture	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Networking	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Availability	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Storage and Services	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Containers and Virtualization	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Databases and Workload Optimization	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Deployment and Migration	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Observability, Scaling, Backup, and Life Cycle	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Vulnerability Management and Compliance	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Security Best Practices	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Security Controls	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Secure Access in the Cloud	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Authentication and Authorization in the Cloud	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Monitoring and Common Attack Types	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Version Management and CI/CD	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A



CompTIA Cloud+: Systems Integration and DevOps	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Network Troubleshooting	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Cloud Security Troubleshooting	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
CompTIA Cloud+: Automation and Orchestration Troubleshooting	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A

CompTIA - N10-009: CompTIA Network+

CompTIA Network+: Cloud Computing Concepts	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Ports & Protocols	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Network Topologies, Architectures, & Types	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: IPv4 Network Addressing	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Routing & Switching Technologies	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Wireless Configurations & Physical Installation	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Network Management & IP Services	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Network Security Concepts & Solutions	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Common Network Attack Types	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Troubleshooting Cabling, Interfaces, & Network	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Network+: Solving Networking Issues	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A

CompTIA - PT0-003: CompTIA PenTest+

CompTIA PenTest+: Governance, Risk, & Compliance	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Testing Frameworks & Methodologies	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Reconnaissance & Enumeration	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Applying Enumeration Techniques	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Using Scripts for Reconnaissance & Enumeratio	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Enumeration & Reconnaissance Tools	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Discovering & Analyzing Vulnerabilities	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Prioritize & Prepare for Attacks	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Authentication Attacks	1	VALID	VALID	VALID	N/A	VALID	VALID	N/A	N/A
CompTIA PenTest+: Host-Based Attacks	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Cloud-Based & Web Application Attacks	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Wireless & Social Engineering Attacks	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A



CompTIA PenTest+: Attacking Specialized Systems & Automating Att	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CompTIA PenTest+: Establishing & Maintaining Persistence	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A

CompTIA - SK0-005: CompTIA Server+

CompTIA Server+: Server Components	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Configuring Server Components	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Deploying Cloud IaaS	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Server Storage	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Role-specific Server Deployment	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: File System Security	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Network Communications	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Working with TCP/IP	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Authentication & Authorization	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Network Firewalls	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Network Security Protocols	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Data Privacy & Protection	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
CompTIA Server+: Server Troubleshooting	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A

CompTIA - XK0-005: CompTIA Linux+

CompTIA Linux+: Shell Scripting with Bash	2	VALID	N/A	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Application Containers	1	VALID	N/A	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Security Threats & Cryptography	1	VALID	N/A	VALID	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Authentication & Authorization	1	VALID	N/A	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Firewalls & Monitoring	1	VALID	VALID	VALID	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Installation & File System Navigation	2	VALID	N/A	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Storage & File systems	2	VALID	N/A	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Network Connectivity	1	VALID	VALID	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Daemons & Processes	1	VALID	N/A	N/A	VALID	N/A	N/A	N/A	N/A
CompTIA Linux+: Network Services	1	VALID	VALID	N/A	VALID	N/A	N/A	N/A	N/A

EC-Council - 312-50: Certified Ethical Hacker v12



CEH v12: Cybersecurity Concepts, Attacks, and Information Warfare	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Cyber Kill Chain, TTPs, Behaviors, and Threat Hunting	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Incident Management, ML, AI, and Regulations	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Hacking Methodology, MITRE ATT&CK Framework, and Dia	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Footprinting, Google Dorks, Search Engines, and Subdoma	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Recon Tools and Tactics	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Footprinting and Social Engineering Recon and Counterme	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Network Scanning, TCP, Host Discovery, and Port/Service	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Nmap TCP Scans	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Vulnerability Assessment, Management, and Classification	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Vulnerability Assessment Types, Models, Tools, and Repor	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Buffer Overflows, Privilege Escalation, and System Access	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: AD Enumeration, Mimikatz, and Pivoting Techniques	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Malware, Threats, Trojans, and Viruses	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Fileless Malware, Malware Analysis, and Countermeasure	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Sniffing and Poisoning	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Social Engineering, Insider Threats, and Identity Theft	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Hijacking Concepts and Countermeasures	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Intrusion Detection and Prevention, Firewalls, and Honeyp	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Web Server Hacking, Attacks, and Attack Methodologies	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Web Application Attacks and Vulnerabilities	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Web App Hacking Methodology, CSRF Attacks, and Input F	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: SQL Injection Concepts and Attacks	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Wireless Concepts, Threats, and Hacking Tools	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Mobile Hacking, OS Security, and Device Management	2	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: IoT Threats, Vulnerabilities, Attack Tools, and Countermea	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Cloud Computing, Containers, Hacking, and Security Con	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A
CEH v12: Cryptography, Algorithms, Implementations, and Tools	1	VALID	VALID	VALID	N/A	N/A	VALID	N/A	N/A

Google - Google Associate Cloud Engineer

Google Associate Cloud Engineer: Google Cloud Overview	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
--	---	-----	-----	-----	-----	-------	-----	-----	-----



Google Associate Cloud Engineer: Google Cloud Management	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Managing Google Cloud Projects	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Planning & Configuring Network F	1	N/A	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Users, Roles, & Groups	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Cloud Storage	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Data & Storage Management	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Google Cloud Compute Engine	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Working with Compute Engine	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Working with Virtual Machines (V	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Google Kubernetes Engine (GKE)	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Google Kubernetes Engine (GKE)	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Google Cloud Run and App Engin	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Working with Cloud Run and App	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Google Virtual Private Cloud (VPC	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Managing Identity and Access Ma	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Service Accounts & IAM	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Monitoring & Alerts	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Associate Cloud Engineer: Logging & Error Reporting in Goog	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Google - Google Cloud Digital Leader

Google Cloud Digital Leader: Digital Transformation with the Cloud	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Introducing Google Cloud Concepts	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Compute on the Google Cloud	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Working with Data	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Storage Options for Unstructured Data	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Storage Options for Structured Data	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Enterprise Data Warehouses	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: AI & ML on Google Cloud	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Managing Infrastructure on Google Clo	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Modern Applications on Google Cloud	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Cloud Digital Leader: Trust & Security on Google Cloud	2	N/A	N/A	VALID	N/A	VALID	N/A	N/A	N/A



Google Cloud Digital Leader: Compliance & Operations on Google C	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
--	---	-----	-----	-----	-----	-------	-----	-----	-----

Google - Google Professional Cloud Architect

Google Professional Cloud Architect: Google Cloud Fundamentals	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Business Use Cases & Produc	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Technical Requi	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Network Design	1	N/A	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Storage Design	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Compute Desig	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Database Desig	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: : Google Cloud Security Desig	1	N/A	N/A	VALID	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Compliance De	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Google Cloud Reliability Desig	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Planning for Implementation	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Architect: Cloud Migration Planning	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Google - Google Professional Cloud Developer

Google Professional Cloud Developer: Cloud Applications & APIs	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Infrastructure Design	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Managing Google Cloud Appl	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Google Cloud Application Mo	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Google Cloud Development E	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Building Google Cloud Applic	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Google Cloud Deployment St	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Deploying Google Applicator	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Deploying Google Cloud Func	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Google Cloud Service Accour	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Google Cloud Data & Storage	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Integrating Google Cloud API:	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Managing Google Kubernetes	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional Cloud Developer: Troubleshooting Google Appl	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Google - Google Professional Cloud DevOps Engineer

Google Professional DevOps Engineer: Introduction to DevOps Fund	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Google Cloud Platform (GCP	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Designing the Resource Hier	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Infrastructure as Code (IaC)	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: CI/CD Architecture Stack in C	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Implementing CI/CD Pipeline	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Applying SRE Practices to a S	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Implementing Service Monitc	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Optimizing Service Performa	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: IaC Practices & Immutable A	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: CI/CD Techniques & Security	1	N/A	N/A	VALID	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Advanced Monitoring & Incid	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Google Professional DevOps Engineer: Implementing Network Securi	1	N/A	VALID	VALID	N/A	VALID	N/A	N/A	N/A

Google - Google Professional Data Engineer

GCP Data Engineer Pro: Navigating the Google Cloud Platform	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Building Robust Data Structures	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Creating a Pipeline of Services	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Google Cloud Unstructured Data	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Google Cloud OLTP Structured Data Storage	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Google Cloud Semi-structured Data	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: BigQuery Data Warehouse	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Dataset Processing	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Google Machine Learning and AI	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
GCP Data Engineer Pro: Monitoring and Troubleshooting Data Wareh	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

ISACA - Certified in Risk and Information Systems Control (CRISC)

CRISC 2023: Risk Management	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: IT Governance	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID



CRISC 2023: Data Privacy	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: Cryptography	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: Network Security	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: Security Controls	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: Virtualization & the Cloud	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CRISC 2023: Malware	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: Security Testing	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CRISC 2023: Hardening Techniques	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID

ISACA - Certified Information Security Manager (CISM) 2022

CISM 2022: Information Security Governance	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Business Continuity & Security	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Implementing Access Control	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Network Security	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Network Attack Mitigation	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: IT Service & Data Availability	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Common Network Security Threats	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Data Protection with Cryptography	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Applied Cryptography	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Secure Device & OS Management	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISM 2022: Security Monitoring	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID

ISACA - Certified Information Systems Auditor (CISA) - 2023

CISA 2022: Information Systems Auditing	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Auditing, Data Analysis, & Controls	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: IT Management Frameworks, Regulations, & Standards	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: IT Resources & Monitoring	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Projects, Development, & Testing	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Information Systems Development & Implementation	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Data Privacy	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: IAM & Data Classification	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID



CISA 2022: Securing Networks & IT Assets	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Protecting Information Assets	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Protecting Digital Assets	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Virtualization & Cloud Computing	1	VALID	VALID	VALID	N/A	VALID	VALID	VALID	VALID
CISA 2022: Data Storage & Malware	2	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: System Development & Vulnerability Testing	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID
CISA 2022: Continuous Monitoring	1	VALID	VALID	VALID	N/A	N/A	VALID	VALID	VALID

ISACA - Certified Kubernetes Administrator (CKA) 2024

Kubernetes Administrator 2024: Kubernetes Architecture & Compor	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Kubernetes Installation	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Managing Cluster Storage	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Cluster Networking	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Pods, ConfigMaps, and Secrets	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Pod Scheduling	2	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Kubernetes Security	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: Monitoring & Troubleshooting	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Kubernetes Administrator 2024: CKA Exam Sample Scenarios	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A

(ISC)2 - Certified Cloud Security Professional - CCSP

CCSP 2022: Cloud Computing Concepts & Reference Architectures	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
---	---	-----	-----	-------	-----	-----	-----	-----	-----

(ISC)2 - Certified Secure Software Lifecycle Professional - CSSLP

CSSLP 2024: Secure Software Concepts	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Security Design Principles	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Secure Software Lifecycle Management	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Processes & Benchmarks for Secure Lifecycle Manage	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Secure Software Requirements	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Privacy, PII, & Cross-border Data Transfers Security Re	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Secure Software Architectures & Frameworks	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Security in Cloud Computing Architectures	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A



CSSLP 2024: Security in Firmware & Industrial IoT	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Digital Certificates, Firewalls, Hypervisors, & Containers	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Databases & Programming Language Environments	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Secure Software Implementation	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Security in Memory Management, the Build Process, and the Release Process	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
CSSLP 2024: Secure Software Testing	2	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A

(ISC)2 - Systems Security Certified Practitioner - SSCP

SSCP 2021: Network Attacks & Countermeasures	1	N/A	N/A	VALID	N/A	N/A	N/A	N/A	N/A
--	---	-----	-----	-------	-----	-----	-----	-----	-----

Microsoft - AI-900: Azure AI Fundamentals

Azure AI Fundamentals: Azure Machine Learning Fundamentals	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Artificial Intelligence Concepts	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Artificial Intelligence Principles	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Machine Learning with Azure AI	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Working with Azure Machine Learning Studio	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Using Azure Machine Learning Designer	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Evaluating Models in Azure AI	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Azure Data Explorer	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Azure Natural Language Processing	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Creating a Conversational AI Bot	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Introduction to Azure AI Vision	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Getting Started with Azure AI Vision	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Working with AI Vision	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure AI Fundamentals: Azure Document & Optical Character Recognition	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - AZ-104: Microsoft Azure Administrator

Microsoft Azure Administrator: Managing Microsoft Entra ID	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Entra ID Users & Entra Connect	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Entra ID Groups & Conditional Access	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Azure Network Infrastructure	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A



Microsoft Azure Administrator: Azure Network Connectivity	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Managing Storage Accounts & Blobs	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Storage Account Security	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Azure Virtual Machine Management	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Azure Application Containers	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Administrator: Azure Cost Management	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

Microsoft - AZ-204: Developing Solutions for Microsoft Azure

Developing Solutions for Microsoft Azure: Virtual Machines	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Resource Manager Templates	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Azure Container Registry	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Container Instances	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: App Service	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Web Apps	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Azure Functions	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Azure Functions Triggers	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Cosmos DB Containers	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Blob Storage	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Microsoft Identity Platform	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Azure Active Directory	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Microsoft Graph	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Application Configuration	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Application Troubleshooting	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Azure API Management	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Azure Event Grid	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Developing Solutions for Microsoft Azure: Message-based Solutions	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - AZ-305: Designing Microsoft Azure Infrastructure Solutions

Microsoft Azure Infrastructure Solutions: Active Directory	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Authentication	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Cloud Storage	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A



Microsoft Azure Infrastructure Solutions: Data Solutions	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Virtual Networks	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: VNet Peering & VPNs	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Network Security	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Managing Azure Web Apps	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Policy & Monitoring	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Infrastructure Solutions: Business Continuity	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

Microsoft - AZ-400: Designing and Implementing Microsoft DevOps Solutions

Microsoft Azure DevOps Solutions: Introducing Azure DevOps	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Branching Source Code	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Repositories & Tools	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Design Azure Build Automation	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: CI Build Strategy	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Developing Deployment Solution	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Planning Release Management	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Planning DevOps Security	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Vulnerability Scanning	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Developing an Alert Strategy	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Health & Failure Management	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Telemetry & Logging Solutions	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure DevOps Solutions: Communication & Collaboration	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - AZ-500: Microsoft Azure Security Technologies

Microsoft Azure Security Technologies: Managing Azure AD	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Configuring Azure Networkin	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Implementing Azure Network	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Managing Azure Storage	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Implementing Data Security	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Working with Azure Applicati	2	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Managing Containerized App	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A



Microsoft Azure Security Technologies: Securing Azure with Defense	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Security Technologies: Ensuring Business Continuity	1	VALID	VALID	VALID	N/A	VALID	N/A	N/A	N/A

Microsoft - AZ-900: Microsoft Azure Fundamentals

Microsoft Azure Fundamentals: Cloud Computing	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Azure Management Tools	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Managing the Microsoft Azure Hierarchy	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Managing Azure Storage	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Azure Network Infrastructure	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Azure VNet Peering & VPNs	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Working with Azure Virtual Machines	2	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Azure RBAC & Azure Policy	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Managing Azure Costs	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Managing Azure AD	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: Managing Azure Authentication	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Azure Fundamentals: AZ-900 Exam Preparation	1	VALID	VALID	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - DP-100: Designing and Implementing a Data Science Solution on Azure

Azure Data Scientist Associate: Machine Learning	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Machine Learning Regression Model	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Machine Learning Classification Models	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Project Jupyter & Notebooks	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Azure Data Platform Services	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Azure Storage Accounts	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Storage Strategy	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Azure Data Factory	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Non-relational Data Stores	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Machine Learning Orchestration & Deployment	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Model Features & Differential Privacy	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Azure Data Storage Monitoring	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: Data Process Monitoring	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A



Data Science Solution on Azure: Data Solution Optimization	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Scientist Associate: High Availability & Disaster Recovery	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - DP-203: Data Engineering on Microsoft Azure

Data Engineering on Microsoft Azure: Storage Accounts	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Designing Data Storage Structu	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Data Partitioning	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Designing the Serving Layer	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Physical Data Storage Structur	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Logical Data Structures	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: The Serving Layer	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Data Policies & Standards	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Securing Data Access	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Securing Data	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Data Lake Storage	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Data Flow Transformations	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Data Factory	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Databricks	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Databrick Processing	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Stream Analytics	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Data Engineering on Microsoft Azure: Data Process Monitoring	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - DP-600: Implementing Analytics Solutions Using Microsoft Fabric

Microsoft Fabric: Working with Data Lakehouses	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Fabric: Spark & the Capacity Metrics App for Lakehouses	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Microsoft Fabric: Spark Configuration & Delta Tables	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - DP-900: Microsoft Azure Data Fundamentals

Azure Data Fundamentals: Data Workloads	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Data Analytics	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Relational Data Workloads	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Relational Data Management	2	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A



Azure Data Fundamentals: Provisioning & Configuring Relational Data	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Azure SQL Querying Techniques	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Azure Cosmos DB	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Non-relational Data Management	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Modern Data Warehousing	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Azure Data Ingestion & Processing	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A
Azure Data Fundamentals: Azure Data Visualization	1	N/A	N/A	N/A	N/A	VALID	N/A	N/A	N/A

Microsoft - MD-102: Endpoint Administrator

MD-102: Selecting a Deployment Tool	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Implementing a Provisioning Strategy	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Deploying Windows Clients Using Autopilot	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Managing Images Using the Microsoft Deployment Toolkit	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Configuring Remote Management for Windows Clients	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Implementing Device Compliance Policies	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Managing Identity Using Microsoft Entra ID	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Configuring Bulk & Automatic Enrollment for Devices	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Protecting Devices with Microsoft Defender for Endpoint	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Managing Device Updates	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Managing Device Configuration Using Microsoft Intune	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Deploying Apps Using Intune, Office Deployment, & Custom	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MD-102: Implementing App Protection & App Configuration Policies	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A

Microsoft - MS-102: Microsoft 365 Administrator

MS-102: Implementing a Microsoft 365 Tenant	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MS-102: Managing Identity Synchronization	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
MS-102: Managing Compliance Using Microsoft Purview	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Microsoft 365 Fundamentals: Windows 10 Enterprise	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Microsoft 365 Fundamentals: Deployment Planning, Azure, & Updates	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A
Microsoft 365 Fundamentals: Windows 10 & Admin Center	1	VALID	VALID	N/A	N/A	N/A	N/A	N/A	N/A

