

Course Details – CompTIA Cloud+ Training

1.	Course Title	CompTIA Cloud+ Certification
2.	Type of Course	Technical
3.	Training Methodology	Classroom Visual/ Remote
4.	Skill Area	<ul style="list-style-type: none"> • Configurations & Deployment • Security • Management • Troubleshooting • Maintenance
5.	Duration (Days)	5 days / 40 hours
6.	Level of Certification	CompTIA Cloud+ Certification
7.	Certification Body (If Applicable)	CompTIA, the world's leading tech association, is a thought leader and an action leader. From our IT professional association to our leading certification programs, from our original research to our member communities and councils, our unparalleled programs set industry standards, foster skills development and generate knowledge and insight every day.
8.	Course Overview	<p>CompTIA Cloud+ validates the skills you need to maintain and optimize cloud infrastructure services.</p> <ul style="list-style-type: none"> • Cloud+ covers the increased diversity of knowledge, skills and abilities required of system administrators to validate what is necessary to perform effectively in data center jobs. • CompTIA Cloud+ views cloud-based infrastructure services as an increasingly important piece of an organization's IT systems. • It is the only vendor-neutral, performance-based certification covering more than a specific vendor or a single function — such as security or networking — to help you better realize the return on investment of cloud infrastructure services.
9.	Prerequisites	<ul style="list-style-type: none"> • SPM / STPM • Diploma / Degree or Equivalent • This course is intended for experienced computer support professionals with a working knowledge of computer hardware, software, and operating systems
10.	Course Objective	Help the student with the knowledge and best practices required of IT practitioners working in cloud computing

		environments and who must understand and deliver cloud infrastructure.
11.	Learning Outcome	<p>CompTIA Cloud+ reflects an emphasis on incorporating and managing cloud technologies as part of broader systems operations. It assumes a candidate will weave together solutions that meet specific business needs and work in a variety of different industries.</p> <p>It includes new technologies to support the changing cloud market as more organizations depend on cloud-based technologies to run mission critical systems, now that hybrid and multi-cloud have become the norm.</p>
12.	Course content	<p>Cloud Computing Concepts, Models and Terminology</p> <ul style="list-style-type: none"> • Cloud Service Models • Cloud Delivery Models and Services • Cloud Characteristics and Terms • Object Storage Concepts <p>Disk Storage Systems</p> <ul style="list-style-type: none"> • Disk Types and Configurations • Tiering • RAID • File System Types <p>Storage Networking</p> <ul style="list-style-type: none"> • Storage Technologies • Access Protocols and Applications • Storage Provisioning <p>Network Infrastructure</p> <ul style="list-style-type: none"> • Network Types • Network Optimization • Routing and Switching • Network Ports and Protocols <p>Virtualization Components</p> <ul style="list-style-type: none"> • Hypervisor • Virtualization Host • Virtual Machine <p>Virtualization and the Cloud</p> <ul style="list-style-type: none"> • Benefits of Virtualization in a Cloud Environment • Virtual Resource Migrations • Migration Considerations <p>Network Management</p> <ul style="list-style-type: none"> • Resource Monitoring Techniques

		<ul style="list-style-type: none"> • Remote Access Tools <p>Performance Tuning</p> <ul style="list-style-type: none"> • Host Resource Allocation • Virtual Machine Resource Allocation • Optimizing Performance <p>Systems Management</p> <ul style="list-style-type: none"> • Policies and Procedures • Systems Management Best Practices <p>Testing and Troubleshooting</p> <ul style="list-style-type: none"> • Testing Techniques • Troubleshooting and Tools <p>Security in the Cloud</p> <ul style="list-style-type: none"> • Network Security: Best Practices • Data Security • Access Control Methods <p>Business Continuity and Disaster Recovery</p> <ul style="list-style-type: none"> • Disaster Recovery Methods • High Availability
13.	Learning Activities	<ul style="list-style-type: none"> • Lecture • Practical Exercise • Case Studies • Learning Activities • Video Presentation
14.	Target Group	<p>System Administrator Network Administrator Cloud Developer Project Manager, Cloud Cloud Engineer Business Analyst, Cloud Computing Cloud Specialist Network Engineer Systems Engineer</p> <p>Industry: IT Industry</p>