

# SOFTWARE TRAINING 101: IBM, VMware & AWS

Each offering specific advantages, IBM, VMware and AWS software feature key differences in content, formatting and focus, as well as distinctions between the training programs they offer.



## SOFTWARE TRAINING

### IT SKILLS/AREAS OF FOCUS

- Utilizing IBM data analytics
- Leveraging cloud-based solutions
- Incorporating AI tools and solutions
- Enhancing data and system security
- Managing complex software systems

### TRAINING COURSE OPTIONS (ONLINE AND IN-PERSON)

- Analytics
- Security
- Automation
- WebSphere
- TRIRIGA
- Cloud Application Development

### LEARNING PATHS

- Analytics
- Automation
- Business Operations
- Cloud
- Security

### CERTIFICATIONS

- IBM Certified Solutions Advisor Certification
- IBM Cloud Systems Administrator Certification
- IBM Certified Developer Certification
- IBM Certified Solution Architect Certification
- IBM Certified Solutions Implementer for API Connect v10.0.3

### CAREER IMPROVEMENTS

- IT managers and similar roles requiring upgrade, installation and configuration solutions
- Experienced developers looking to broaden their skillsets
- Architects specializing in cybersecurity and multi-cloud solutions
- Cloud architects responsible for building a useable framework/cloud solution
- Cloud application developers



## SOFTWARE TRAINING

### CERTIFICATIONS

- VMware Certified – Cloud Infrastructure Administrator
- VMware Certified – Design Expert
- VMware Certified – Professional
- VMware Certified – Advanced Professional
- VMware Certified – Technical Associate

### IT SKILLS/AREAS OF FOCUS

- Managing IT infrastructure
- Overseeing cloud/multi-cloud infrastructure, management and automation
- Developing digital security solutions
- Specializing in network and data center virtualization

### CAREER IMPROVEMENTS

- Solutions architects looking to design and implement VMware solutions
- Systems engineers interested in installing, configuring and managing VMware products
- Networking engineers
- Database administrators
- Cloud architects

### AWS SOFTWARE TRAINING CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Solution Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified SysOps Administrators
- AWS Certified DevOps Engineers – Professional

### TRAINING COURSE OPTIONS (ONLINE & IN-PERSON)

- vSphere
- VMware Cloud on AWS
- Tanzu
- Horizon
- NSX
- vSAN

### LEARNING PATHS

- Data Center Virtualization
- Cloud Management and Automation
- Network Virtualization
- Digital Workspace
- Application Modernization

### IT SKILLS/AREAS OF FOCUS

- Writing and deploying cloud-based applications
- Designing and implementing interconnected IT systems and network architecture
- Deploying, managing and operating workloads on AWS



## SOFTWARE TRAINING

### CERTIFICATIONS

- AWS Certified Cloud Practitioner
- AWS Solution Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified SysOps Administrators
- AWS Certified DevOps Engineers – Professional

### IT SKILLS/AREAS OF FOCUS

- Writing and deploying cloud-based applications
- Designing and implementing interconnected IT systems and network architecture
- Deploying, managing and operating workloads on AWS
- Automating the testing and deployment of AWS infrastructure and applications
- Building, training and deploying machine learning models on AWS

### CAREER IMPROVEMENTS

- Solutions Architects looking to design/deploy dynamically scalable applications on AWS
- DevOps Engineers learning to manage scalable, self-healing systems on the AWS platform
- SysOps Administrators
- Specialists in cloud security and cloud architecture
- Cloud engineers

### LEARNING PATHS

- Cloud Operations/Administration
- Cloud Architecture
- Architect Accelerator
- Cloud DevOps
- Machine Learning

### TRAINING COURSE OPTIONS (INSTRUCTOR-LED CLASSROOM AND VIRTUAL)

- AWS Training for Businesses: Self-paced online courses
- Machine Learning & Artificial Intelligence (AI): Enhances technical skills in developing technologies
- DevOps Engineering on AWS: Builds technical skills across various applications on the Amazon Web Services platform
- AWS Security Certification: Explores compliance in the cloud and security features
- AWS Data Analytics: Learn how to work with the AWS data analytics stack



## KEY DIFFERENCES



### Areas of focus differ by training:

- IBM: Spans software solutions and industries
- VMware: Concentrates on virtualization and IT infrastructure management
- AWS: Focuses on cloud computing services and their diverse applications



### Target audience differs:

- IBM: Professionals in enterprises across multiple industries
- VMware: Primarily IT professionals managing infrastructure
- AWS: Broader audience — from beginners to experienced IT professionals



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Sources: <https://www.exitcertified.com/blog/top-10-ibm-cloud-training-courses> | <https://www.exitcertified.com/it-training/ibm?tab=training> | <https://www.exitcertified.com/training-resources/learning-paths/vmware-certification-tracks> | <https://www.exitcertified.com/it-training/vmware?tab=certification> | <https://www.ibm.com/training/learning-paths-and-collections> | <https://www.ibm.com/blogs/ibm-training/ibm-enhances-the-learning-experience-on-its-skills-gateway/> | <https://www.vmware.com/learning/certification.html> | <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/certification/vmware-certification-tracks-diagram.pdf> | <https://www.vmware.com/learning.html> | [https://assets.exitcertified.com/assets/Uploads/75c17d7537/TD\\_EC\\_AWS\\_Training\\_Infographic.pdf](https://assets.exitcertified.com/assets/Uploads/75c17d7537/TD_EC_AWS_Training_Infographic.pdf) | [https://www.exitcertified.com/it-training/aws?medium=tsa&tab=training&gclid=EAIaIQobChMIu\\_uvhrfBggMV3BCIBh2IEQM\\_EAAYASAAEg19-PD\\_BWE](https://www.exitcertified.com/it-training/aws?medium=tsa&tab=training&gclid=EAIaIQobChMIu_uvhrfBggMV3BCIBh2IEQM_EAAYASAAEg19-PD_BWE) | [https://assets.exitcertified.com/assets/downloads/whitepapers-datashets/EC\\_Supercharge-Your-Data-Analytics-AWS\\_WP\\_E-Version.pdf?vid=5](https://assets.exitcertified.com/assets/downloads/whitepapers-datashets/EC_Supercharge-Your-Data-Analytics-AWS_WP_E-Version.pdf?vid=5)