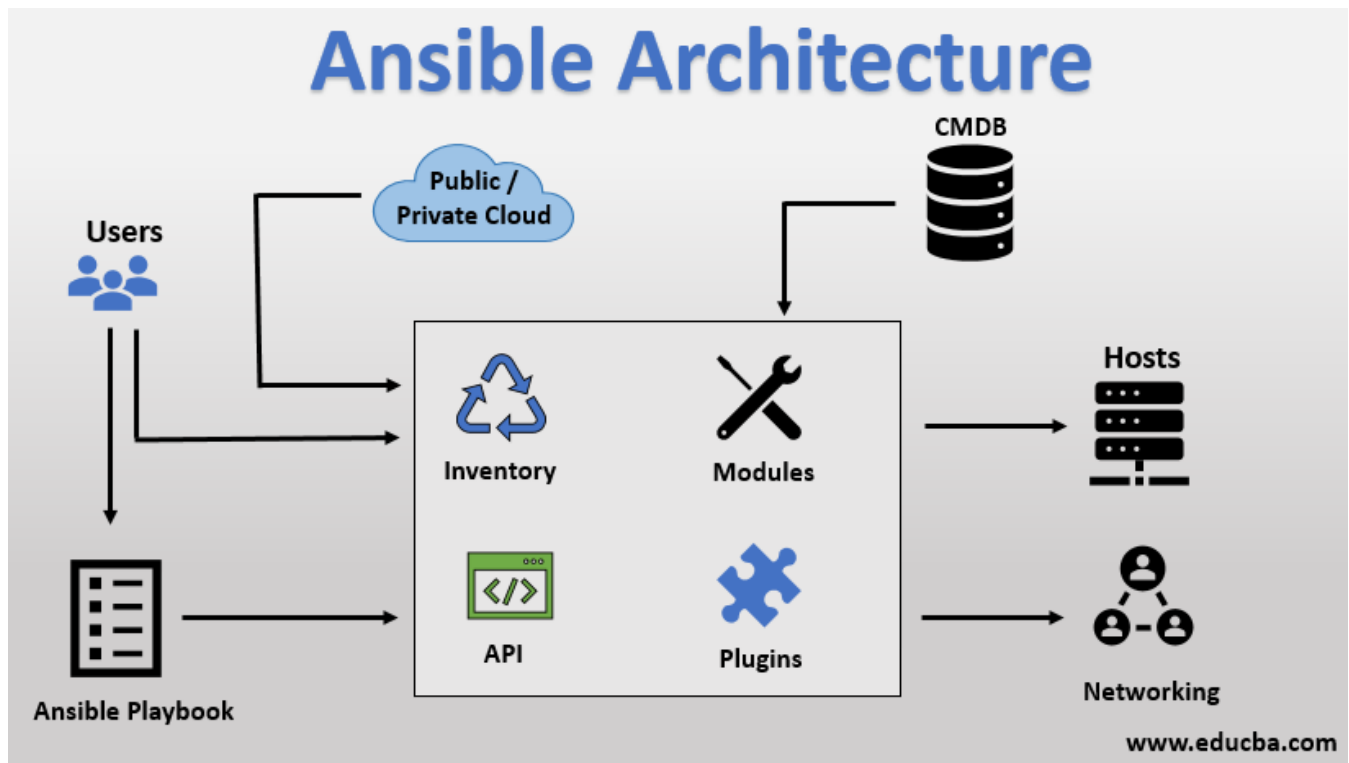




LEARN, THINK, INNOVATE



ANSIBLE



## Overview

Let eMexo Technologies **Best Ansible Training in Electronic City Bangalore** take you from the fundamentals of Ansible to Advance Ansible and make you an expert in deploying real-time applications. Here are the major topics we cover under this Ansible course Syllabus **Introduction to Ansible, Getting set up, Inventory, Ansible Playbooks, Provisioners, Highly available infrastructure with Ansible, Application deployments with Ansible, Docker containers with Ansible, Testing, and continuous integration, and Preparing for Ansible back at work.** Each topic will be covered in a practical way with examples for our **Ansible Course in Electronic City Bangalore.**

All the topics will be covered with Practical and hands-on training. Our trainers have industry experience with live project experience in cutting-edge technologies which they teach. We hire only the Best Ansible industry specialists as trainers for our **Ansible Certification Training in Electronic City Bangalore.**

If you are looking for **Ansible Certification Course in Electronic City Bangalore**, eMexo Technologies is the **Best Ansible Training Institute in Electronic City Bangalore.** Come over to our training institute for a free demo class. Let our trainer give you a demo on Ansible and only then do you make the decision to enroll in the training program.

## Training Features

### Real-life Case Studies

Do a real-life case study to understand the usage in real-world scenarios.

### Assignments

Each class will be followed by a practical assignment which can be completed before the next class.

### Preparation for interview

Our trainers are professionals working in multinational corporations. They are experts in their field and know exactly what the interviewer will look for in the candidate. Experienced trainers not only share interview questions but also conduct mock interviews to help prepare for the actual interview.

## Key Features

eMexo Technologies offers the **Best Ansible Training Course in Electronic City Bangalore** with the TOP industry expert trainers.

Here are the key features.

- ★ Free Demo Class Available
- ★ Practical Approach
- ★ Expert & Certified Trainers
- ★ 100% Job Oriented Training

- ★ Real World use cases and Scenarios
- ★ Completed 500+ Batches
- ★ Certification Guidance

## Unit 1: Introduction to Ansible

- Why configuration management is a critical part of any DevOps team
- Strengths and weaknesses of Ansible
- Webscale
  - How Ansible is different from other CM tools like Chef and Puppet
  - Getting started with Ansible terminology
  - Ansible and YML for describing your environments

## Unit 2: Getting set up

- Some prerequisites
- Getting set up on a Mac
- Getting set up on Linux
- Getting set up on Windows
- Testing with Vagrant
- Using SSH keys to connect to your target nodes
- Hands-on

## Unit 3: Inventory

- Basic inventory example
- Hosts and groups
- Hands-on

## Unit 4: Ansible Playbooks

- A useful directory structure to keep your Ansible code organized
- Using git to manage your Ansible code
- A first look at a playbook to install and configure NTP time synchronization
- Hands-on

## Unit 5: Provisioners

- Connecting Ansible to your preferred cloud provider (we'll use DigitalOcean)
- Creating a new server instance
- Dynamic inventory
- Dynamic inventory on Amazon AWS
- Mixing static and dynamic inventory
- Hands-on

## Unit 6: Highly available infrastructure with Ansible

- Spec up our inventory and host groups
- Using roles
- Configure our database backend
- Configure our web server front-end
- Configure a replicated filesystem
- Configure centralized logging
- Hands-on

## Unit 7: Application deployments with Ansible

- Deploying our app from SCM to our local Vagrant environment
- How we would deploy that code to production once tested by QA
- Updating our application
- How Ansible compares to alternatives such as Capistrano
- Hands-on

## Unit 8: Docker containers with Ansible

- A brief intro to Docker
- The synergy of containerization and automation
- Using Ansible to build Docker containers
- MySQL containers
- Web application containers
- Data storage containers
- Hands-on

## Unit 9: Testing and continuous integration

- Unit, integration, and functional testing
- Automating your testing using GitHub and Travis CI
- Hands-on

## Unit 10: Preparing for Ansible back at work

- Real-world use case: Using Ansible to automate CM and application pipelines through continuous integration, release, deployment, and operations
- We'll review your own environments and processes and evaluate how to best integrate Ansible's configuration management for your own needs
- Hands-on

## FAQs

### **1. How is the training organized? How much percentage is theoretical and how much is practical hands-on?**

We at eMexo believe nothing beats hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical and hands-on oriented. You learn a concept, you practice it then and there with the trainers. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer the next day.

### **2. What is the course duration? How and when do you plan to complete the course?**

We generally cover our courses in 60 hours, however, we know that we can't put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 48 hours or 60 hours, it doesn't matter.

### **3. What is the material provided in the training?**

We have industry standard course material which is used by our trainers to train you. At the end of the training, apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions, etc.

### **4. Do you help in preparing for the interview?**

Our trainers are working professionals who work in MNCs. They are the experts in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions will also conduct mock interviews to help you prepare for the real interview.

### **5. Who are your trainers?**

Our trainers are industry experts who work in their respective technologies day in and day out. They work in MNCs and are technology experts within their organizations.

### **6. What is the total batch size per course?**

We maintain a strict batch size of a maximum of 5 students. We also provide exclusive one-to-one training as well. Talk to our training partner to get more details.

### **7. Do you provide certification for the course?**

Yes, at the end of the training, we provide a certification of completion.

### **8. Will I be joining a new batch or being merged with another batch?**

You will be added to a new batch.

**9. Is fast-track training available?**

Yes, we also provide fast-track training for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain the same. However, the trainer will be spending more hours with you to complete the course.

**10. Do you assist in job placement?**

Our trainers are expert professionals in their organizations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look for in a resume.

**11. Timings for training - Regular training/weekend training?**

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

**12. Will you be working on a live project during training?**

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and working with you on the implementation.

**13. What happens if I miss a class?**

If you miss a class the content of that class will be taught to you again. With us, you might miss a class but not the content.

**14. Can I attend a demo before the actual class?**

Yes, absolutely! Talk to our training counselor on the phone at **+91-9513216462** or email us at **info@emexotechnologies.com** to arrange a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.