

Cloud Formation Essentials



The Course

This course will provide students with a conceptual understanding of CloudFormation that includes multiple short lectures each followed by guided labs. During the lab students will develop practical understanding of syntax and properties that will provide them the knowledge to manage large CloudFormation templates, launch production stacks in CloudFormation and performs updates. The class concludes with each student creating a nested stack producing a VPC with a boot strapped Auto Scaling Group behind an Elastic Load Balancer.

The Eligibility

- This is NOT a beginners AWS class. Prior experience is necessary.
- Should have attended AWS courses offered by Rulepaper Academy
- Should have hands-on experience in S3, EC2, ELB, RDS, Auto-Scaling, VPC, IAM

The Rulepaper Promise

Our training methodologies promises to give the students hands on art enterprise skills to delve deeper into the technologies from a practical and enterprise point of view. Extreme Hands-on-Lab with a self doable on the fly practical based training approaches makes transformation of the student from a no vice to a capable experienced cloud computing engineer.



The Instructor

Enterprise Architect with huge experience on Private and Public Cloud Technologies. The trainers are advisors and members of larger Cloud Computing Forums and seasoned integrators of IT Cloud Computing technologies with more than 12+ years in global large enterprise giants.

Why you need to attend this course?

- CloudFormation gives developers an easy way of creating and managing AWS resources. It also supports creating interconnections between the services.
- If you are a AWS professional and want to automate provisioning AWS resources in an efficient way.
- If you are already using CloudFormation but want to understand the best practices to be followed.
- If you want to build multiple templates and make them re-usable.
- This course will be handled by experienced trainers who not only have immense knowledge but also a lot of practical exposure to the subject being taught.

Who Should Attend?

- IT Professionals who want to learn to develop highly scalable architectures using AWS CloudFormation

Course Content:-

Day-1:-

- Introduction to CloudFormation.
- Anatomy of a CloudFormation Template.
 - ✓ Hands-on Lab: Starting an instance with Cloud Formation Template.
- Working with Parameters, Mappings & Output.
 - ✓ Hands-on Lab: Working with Parameters, Mappings, Output & Stack update.

Day-2:-

- Bootstrapping, AutoScaling & Networking.
 - ✓ Hands-on Lab: Bootstrapping instance using CFN-In it and starting chef-client

- ✓ Hands-on Lab: Create a scalable stack using Auto Scaling Groups
- Hands-on Lab: Create networking resources using template
- Nested Stacks
- Hands-on Lab: Working with nested stacks.
- Working with abstraction layers (lecture).

By the end of the course:-

By the end of this training course you will achieve hands on expertise in various aspects of the Cloud Computing components with perfect understanding.

The Duration.

Duration of the Course is 2 days.

The Lab Requirements.

- Students must bring their own laptops with basic configuration.

The cost of the Training.

Please send an email or contact us at enquiry@rulepaper.com to know more about the cost and next batch schedules.

The certifications.

Once the training is completed the student have to enroll with Cloud Formation Essentials for getting certification and the cost is exclusive of this training . Certification is an optional or good to have feature.