

Deliver Applications Quickly at Scale

! Challenges

Organizations still using manual development processes are finding it difficult to set up and launch new software and applications in a timely manner.

- Legacy systems and tools create an inflexible environment with hardware.
- Difficult to change hardware requires frequent, hands-on maintenance.
- Using legacy systems presents higher operational costs and often delivers poor user interfaces.
- Difficult to deliver secure applications quickly and efficiently for those still using manual development procedures.

As cloud usage continues to grow, companies need to implement DevOps solutions that allow them to build pipelines faster, implement efficient configuration management, and automate their compliance.

About Chef

Chef provides a platform for DevOps workflow, helping organizations automate and manage their infrastructure. Built on an open source foundation, Chef is at the forefront of agile, lean and DevOps movements. By leveraging Chef for your organization's DevOps initiatives, you can automate infrastructure and deliver applications quickly, at any scale. Chef's DevOps solutions can help you transform to a fast, efficient, and innovative software-driven company. With supported content, available for all common automation tasks, Chef can help you manage deployment and ongoing automation.

Training for capability: Chef delivers in-person and on-demand training to help ensure your IT team has the right knowledge to complete your DevOps initiatives with continued success.

★ Chef Automate Benefits



Increased Speed

Leveraging Chef Automate improves velocity with automated build, deploy, and configuration. With Chef Automate you can package infrastructure and application configuration as code and continuously automate infrastructure and application updates. These features allow you to approve and build changes faster, provision new environments quickly, and deploy updates frequently.



Improved Efficiency

With Chef Automate you gain the ability to audit and measure the effectiveness of your organization's automation process, achieving higher service availability and faster recovery times. Chef Automate provides the ability to collaborate across teams by enabling you to integrate various toolchains into a standard automated workflow.



Decreased Risk

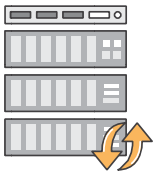
Chef Automate enables you to reduce risk by automating your security and compliance management and defining your compliance rules as code. Test deployed infrastructure and application compliance on-demand and log and audit policy failures for faster compliance remediation.

AWS OpsWorks for Chef Automate

AWS OpsWorks is a configuration management service that utilizes Chef Automate to optimize how servers are configured, deployed, and managed across Amazon Elastic Compute Cloud (Amazon EC2) instances. The suite of automation tools provided by AWS OpsWorks helps you achieve:

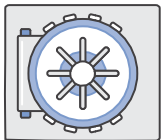
- Workflow automation for continuous deployment
- Automated testing for compliance
- Visibility into your nodes and their status

AWS OpsWorks provides Chef Automate as a managed service, meaning AWS will take care of deploying, maintaining, or upgrading Chef Automate for you. AWS is committed to providing full support for Chef Automate when you deploy through AWS OpsWorks. In addition, you are able to manage your on-premises Chef servers and Chef-managed nodes with AWS OpsWorks.



Fully-managed server

AWS OpsWorks for Chef Automate updates the Chef server and creates backups of the server for you, eliminating the need for Chef server provisioning and installation. AWS services like AWS Management Console, AWS Command Line Interface (CLI), and AWS Software Development Kits (SDKs) enable you to provision a Chef server that is ready-to-use.



Secure

Your Chef server runs on an Amazon EC2 instance within an Amazon VPC, which gives you the ability to control both inbound and outbound network access to it. In addition, AWS Identity and Access Management (IAM) gives you the ability to set rules for which users and resources can access and use your Chef server.



Programmable

Chef server allows you to define configurations for your servers in a format that allows you to maintain and version like your application source code. In addition, Chef server helps to ensure your servers are continuously configured and maintained, and helps with complex operational processes when there are interdependencies across your servers.



Flexible Environment

Chef server makes it easier to manage your hybrid environments, by enabling you to seamlessly administer your Linux or Windows servers running on Amazon EC2 and on-premises. Once your server configurations are defined, nodes across your environment will converge to the ideal configuration state.



Chef Automate in AWS Marketplace

The full version of Chef Automate is also available through AWS Marketplace. Once deployed, you manage your backups and upgrades and Chef will provide support when needed. Billing for Chef Automate in AWS Marketplace is done through AWS or by an AWS reseller and you are billed hourly and only pay for what you use.

Get started with Chef tutorials, articles, technical docs, and training: learn.chef.io
Customer Success Subscription Offerings: <https://www.chef.io/customer-success-subscription-offerings/>

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