![Progress Chef logo]

Chef SaaS Datasheet

On-Demand DevOps Automation for Your Entire Enterprise

What is Chef SaaS?

Progress® Chef® SaaS is a cloud-based solution for infrastructure, compliance and cloud security automation to manage entire IT estates. Enterprises can automate infrastructure configurations, view the compliance and security postures of all devices and detect and remediate configuration drift and security vulnerabilities. Chef capabilities are available as cloud-based services, providing customers with the same powerful automation capabilities as the on-premise version – but with the added benefit of reduced infrastructure overhead and faster time to value.

Feature Highlights

Configuration Management for All Platforms and Operating Systems

- Infrastructure-as-Code to describe, automate and test configurations and system state
- Platform-independent configuration automation across Linux, Mac, and Windows
- Automated remediation of configuration drifts

Continuous Compliance Audits and Automated Remediation

- Comprehensive compliance audits based on DISA STIG and CIS benchmarks of all IT resources across cloud, on-prem, VMs, and containers
- Customizable pre-packaged remediation information to meet enterprise-specific requirements
- Automated remediation of security and compliance vulnerabilities

Cloud Security Posture Management (CSPM)

- CSPM capabilities to detect misconfigurations and maintain compliance and governance on multi-cloud accounts and container environments
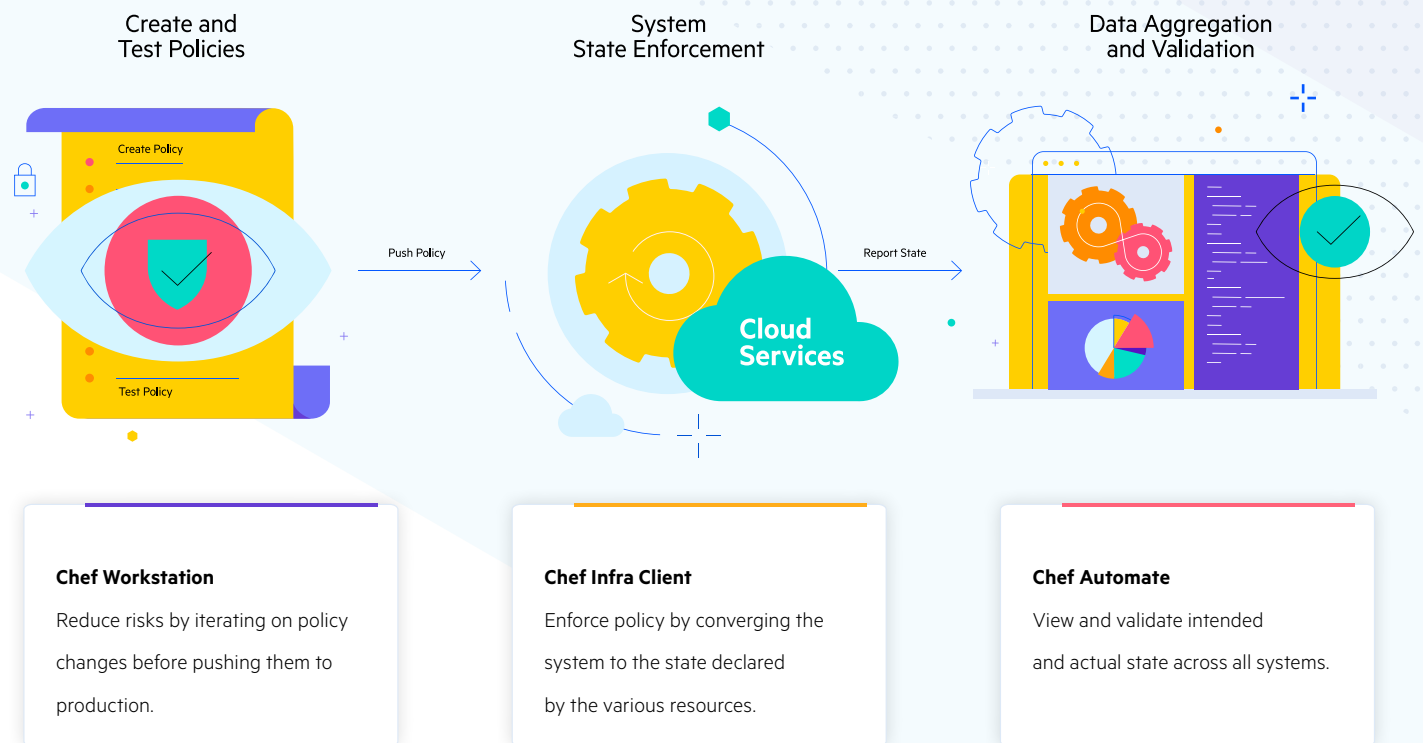
Dashboard for Consolidated Fleet Visibility

- Insights on configuration and compliance data with reporting and dashboards

Chef policy-based infrastructure automation architecture

Chef SaaS is a powerful automation platform that transforms infrastructure into code. Chef SaaS is a cloud-based platform that automates how infrastructure is configured, deployed and managed across your network, no matter its size.

Using Chef to automate configuration management allows DevOps teams to define policies that are repeatable, consistent and reusable. The result is increased business agility and security because all systems and resources are continuously and automatically evaluated, corrected and modified.

Create and
Test Policies

System
State Enforcement

Data Aggregation
and Validation

Create Policy

Push Policy

Cloud
Services

Report State

Test Policy

Chef Workstation

Reduce risks by iterating on policy changes before pushing them to production.

Chef Infra Client

Enforce policy by converging the system to the state declared by the various resources.

Chef Automate

View and validate intended and actual state across all systems.

Chef Workstation allows you to author cookbooks and administer your infrastructure. Chef Workstation runs on the computer you use every day, whether it is Linux, macOS or Windows. Chef Workstation ships with Cookstyle, Chef InSpec and Test Kitchen testing tools. With Chef SaaS, you can run your code in one version as Dev, QA and production runs simultaneously in one version.

Once you're done developing and testing code on your local workstation, you can upload it to the Chef Infra Server.
The Chef Infra Server acts as a hub for configuration data. It stores the cookbooks, the policies that are applied to the systems in your infrastructure, and metadata that describes each system. The knife command lets you communicate with the Chef Infra Server from your workstation. Chef Infra Client is an agent that runs locally on every node which is managed by Chef Infra Server.
Chef Automate is an enterprise platform that provides actionable insights to developers, operations, and security engineers to collaborate effortlessly on delivering application & infrastructure changes at the speed of business.

Other advantages of using Chef SaaS

Initial Installation – Chef takes care of all things related to installation, so the customer has nothing to do here.

Maintenance & Support - In Chef SaaS, software patches are updated automatically, which enables the optimization of business-critical functions, leading to performance improvements like fewer application crashes and downtime. It also helps organizations keep pace with the latest software features and capabilities designed to improve the end-user experience.

Automatic Backup - Chef SaaS also allows for automatic backup to the cloud. In other words, all your data is stored centrally. The cloud makes restoring data much less of a concern and helps internal IT departments maintain industry benchmark security measures.

Benefits of Chef SaaS

No Setup or Maintenance needed:

Save valuable time and effort with zero dependencies on infrastructure for initial deployment, maintenance and enhancements

Reduced Operational Costs:

Save on operational costs of troubleshooting and upgrades while Chef does the heavy lifting of maintaining your deployment
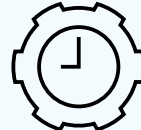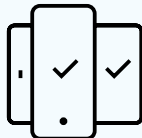
Faster Time-to-Value:

Onboard easily and use Chef products quickly to achieve faster time-to-value

On-Demand Automation:

Access infrastructure and compliance automation capabilities anywhere, anytime, without disruption

Support for Multi-Environments:

Scale to include resources and devices across hybrid, pure cloud, or on-prem environments

Centralized Governance:

Manage your infrastructure, compliance, and cloud security landscape with a single source of truth from the cloud

Get STARTED WITH CHEF SAAS TODAY
Visit the Chef SaaS webpage and learn more

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