RETIRED: This document has been officially retired, and the base products listed herein are now considered obsolete and are no longer available for sale. Consequently, the information contained within may no longer be current. This document is provided exclusively for reference and informational purposes.

Overview

Chef

Chef is the leader in Continuous Automation software, an innovator in application automation and one of the founders of the DevOps movement. Chef works with more than a thousand of the most innovative companies around the world to deliver their vision of digital transformation, providing the practices and platform to deliver software at speed.

Continuous change is inevitable, and so continuous automation is necessary. The digital leaders of the near-future, both individual and corporate, will be those who are able to provide automation for effortless infrastructure, compliance at velocity, and delivery of any app, anywhere.

Surviving and thriving in a digitally transformed business environment means reduce the friction in development time, and getting 'from idea to ship' with speed and safety. Digital leaders will be defined by how they act to enable their organization's most aggressive goals, in the face of omnipresent need for more speed, agility and innovation at paces that traditional IT organizations focused simply cannot achieve, much less maintain.

HPE Complete- Resell of Third Party Branded Products

HPE Complete is a resource enabling the purchase of best in class third party branded products with the added reliability of Hewlett Packard Enterprise's interop assurance for a complete validated solution, all via one HPE purchase order.

Benefits

- One Stop Shop - Purchase complete solutions from HPE that include best in class third party branded products, all on a single HPE purchase order
- Validated solution - Confidence of The HPE interop assurance validation for third party branded products that complement HPE Storage & Server solutions
- Customer Experience - HPE Complete utilizes third-party expertise for installation, support, and warranty of their products. However, HPE Complete will step in to facilitate third-party issue resolution when required to assist in overall customer satisfaction. HPE products that are part of the overall solution are supported per HPE Pointnext services and support purchased
- Unique Value – Minimize risk, complexity and cost when deploying multi-vendor products and technologies into the HPE ecosystem. Many solutions come with custom HPE/Partner configuration and integration guides and tools.

For more information please refer **HPE Complete** on HPE.com

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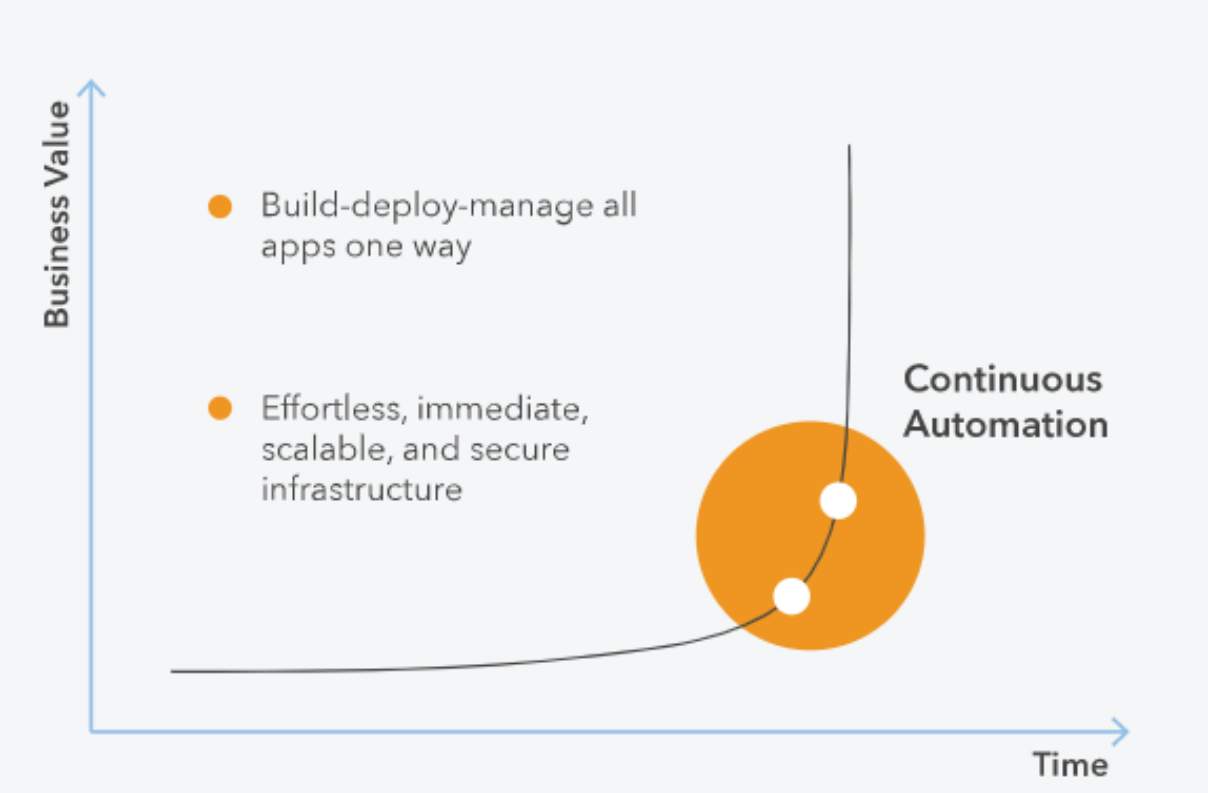
Overview

The benefits of Continuous Automation

Chef aims to solve automation across the enterprise IT estate, and across functional roles, to provide an environment where a business can build, deploy, and manage any software, anywhere. This state of 'continuous automation' delivers on huge ROI benefits across multiple modes of automation.

These fundamental changes in time to deliver software offer immediate ROI based on the cost of supporting the enterprise IT estate, but also offer new opportunities to thrive: delivering software as a primary customer interface and channel to revenue. Chef Automate platform supports all of these modes of automation as a complete platform for continuous automation.



Chef Continuous Automation Value

Overview

Chef Automate

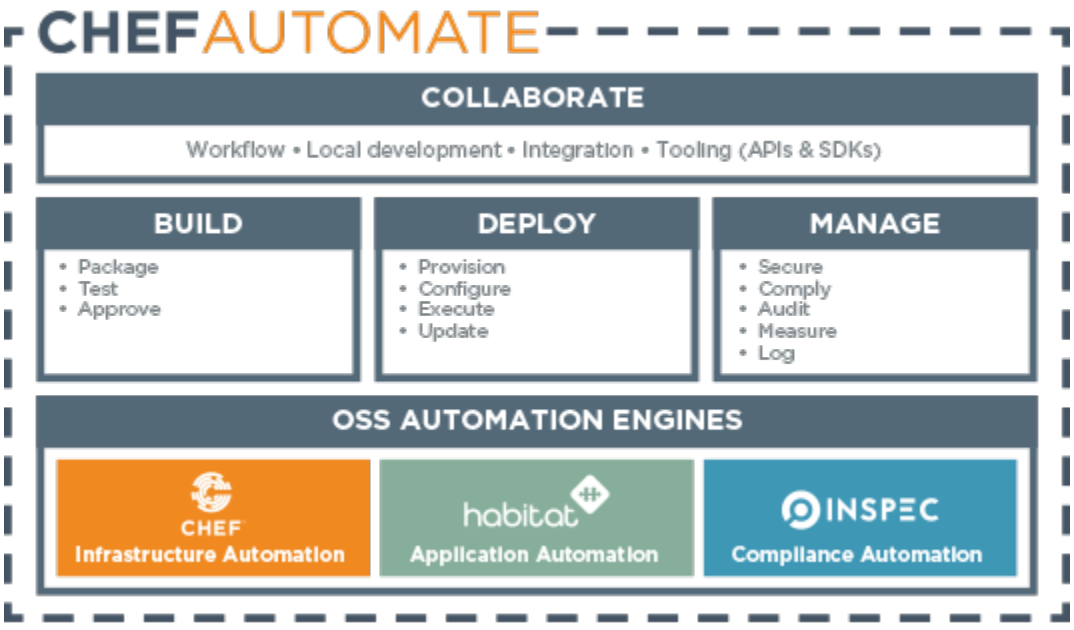
Chef Automate gives you everything you need to build, deploy and manage your applications and infrastructure at speed, no matter if you're in the cloud, in the data center, or both. Use the Chef Automate platform to package and test your applications, provision and update your infrastructure, and manage it all with compliance and security checks and dashboards that give you visibility into your entire stack.

Chef has driven the DevOps automation revolution, and its platform, Chef Automate, is the leader in Continuous Automation. Chef Automate includes a unified workflow for configuring infrastructure and releasing applications. Chef Automate supports the DevOps principles of cooperation and communication with capabilities that enable collaboration among teams and transparency of information.

Chef Automate provides a pipeline for the continuous deployment of infrastructure and applications. You can support multiple teams working in tandem in a multi-project environment that has cross-dependencies. Chef Automate also includes tools for local development and can integrate with a variety of third-party products for developer workflows.

Use Chef Automate and its continuous integration and deployment workflow to test and approve code changes across all levels of the stack, then package and publish them to a repository

With Chef Automate, you can increase the speed and efficiency of your deployments by establishing standard workflows that give your operations and development teams a common platform. You will provision and update environments quickly and prevent configuration drift.



Chef Automate Diagram

Overview

Chef Automate Product Offerings

Chef Automate is powered by three open source engines: Chef, Habitat and InSpec.

Chef is the engine for infrastructure automation. When you describe your infrastructure as code, it's versionable, human-readable, and testable. If you're moving applications to the cloud, Chef makes your adoption path not just smooth but fast. Migrate workloads quickly, consistently and at a pace that suits your business needs.

Habitat is automation that focuses on the application instead of the environment that runs it. Your apps will behave consistently in VMs, containers, PaaS and bare metal. Habitat allows you to manage containers that run in a production environment and it's also a great way to reclaim your legacy applications. Package them with Habitat and they'll run anywhere without any rewrite required.

InSpec lets you specify compliance and security requirements as code. Integrate compliance and security requirements into your automated deployment pipeline. Test large-scale environments while still moving at velocity. Unlike other compliance products, InSpec is easy to read and to write. Any team member or auditor can quickly understand your tests. Use InSpec with data and APIs as well as servers.

Chef INFRA™	Chef INSPEC™	Chef Habitat™
Effortless Infrastructure	**Compliance at Velocity**	**Deliver Any App, Anywhere**
Chef can manage servers – from 5 or 50,000 of them – by turning the configuration of infrastructure into code. Time-consuming activities like manual patching, configuration updates, and service installations for every server are removed. And infrastructure becomes flexible, version-able, human-readable, and testable.	InSpec turns compliance, security, and other policy requirements into automated tests. This open-source language for describing security & compliance rules that can be shared between software engineers, operations, and security engineers. Compliance, security, and other policy requirements become automated tests throughout all stages of the software delivery process – speeding up crucial compliance and security practices.	Habitat provides a way to package, then build, deploy, and manage any app to any environment. As enterprises need to be able to ship apps on demand from any part of their portfolio: from legacy monoliths, to commercial off-the-shelf products, to cloud native microservices, they need a unified way to manage the whole portfolio which means packaging for portability, composability and manageability to enable initiatives such as cloud and container migrations as well as maintenance of legacy apps.
Learn more about Chef Infra	**Learn more about Chef InSpec**	**Learn more about Chef Habitat.**

Resources:

Learn more about Chef at: **https://www.chef.io/chef/**
Learn more about InSpec at: **https://www.chef.io/inspec/**
Learn more about Habitat at: **https://www.chef.io/habitat/**
Chef solutions are available on HPE Catalog via HPE Complete program.

Models

Hewlett Packard Enterprise is making the following Chef SKUs available via HPE Complete:

Description	SKU
Chef Bundle Software	
Chef Effortless Infrastructure Essentials (Automate/Infra/InSpec) 1yr 12x5 LTU	R3R63A
Chef Effortless Infrastructure Enterprise (Automate/Infra/InSpec) 1yr 24x7 LTU	R3R64A
Chef Enterprise Automation Stack Essentials (Automate/Infra/InSpec/Habitat) 1yr 12x5 LTU	R3R65A
Chef Enterprise Automation Stack Enterprise (Automate/Infra/InSpec/Habitat) 1yr 24x7 LTU	R3R66A

Standard Features

Key Features and Benefits

Why Chef vs our Competition

- Chef scales to thousands of nodes per client; competitors only scale in the hundreds.
- Chef offers compliance as code (InSpec) to help customer manage, update, send through new governmental requirements and mandates; also offers audit reporting capabilities; our competitors don't have any compliance capabilities.
- Chef offers application automation (Habitat) helping customers stand up, maintain, correct issues and fix errors; our competitors do not have an application offering.

Chef Automate Benefits:

- Build automated pipelines to enable continuous delivery.
- Create reusable building blocks that can be used in multiple stacks.
- Automatically ensure the code you've written matches the state of the infrastructure you're managing.
- Automatically test that your systems remain in compliance.
- Developers can validate their code on non-critical systems with fast feedback loops to catch issues earlier.
- Ensure changes are tested against downstream dependencies to prevent unforeseen failures in production.
- A common workflow ensures all change is tested and approved with the same rigor and speed. Chef Automate ensures changes are only deployed once properly approved.
- Automatically test, review, build, and deploy those changes on commit.

HPE Synergy and Chef Automate - Together

Hewlett Packard Enterprise teamed up with Chef™ Software to develop a reference confirmation highlighting the benefits of HPE Synergy, OneView 4.0 and Chef Automate. The Chef Automate platform gives developers fast, scalable, and flexible automation of application configuration, deployment, and orchestration. The integration of Chef with HPE Synergy extends the capabilities central to making IT simple. HPE Synergy Composer – powered by HPE OneView – in concert with Chef, gives DevOps teams the ability to automate the provisioning of bare-metal resources, including compute, storage, and networking, as part of the application deployment process. This accelerates time to value through automated, consistent provisioning.

Using HPE Synergy, you can automate IT operations and streamline management of resources, workloads, and apps by deploying and controlling data center infrastructure as code. HPE Synergy Composer, powered by HPE OneView, in combination with Chef Automate reduces risks and increases efficiency by programmatically controlling the management of HPE Synergy infrastructure. The Chef cookbook for HPE OneView managed systems give programmatic access to all aspects of the data center infrastructure, enabling complex application stacks and virtual machines to be quickly built (aggregated, disaggregated, and re-aggregated) and validated. The state and compliance of these elements contained within this infrastructure platform is under continuous monitoring via the Chef Automate platform. This white paper shows IT architects and administrators how to use Software-Defined templates through the HPE. Find it at **https://h20195.www2.hpe.com/V2/GetDocument.aspx?docname=a00047285enw**.

Configuration Information

Select Chef Software bundled Software license

Chef Solution Bundles Description Table				
	Effortless Infrastructure		**Enterprise Automation Stack**	
	Essentials	Enterprise	Essentials	Enterprise
Chef Infra	100 nodes	500 nodes	100 nodes	500 nodes
Chef InSpec	100 targets	500 targets	100 targets	500 targets
Chef Habitat	n/a	n/a	200 Service Instances	1000 Service Instances
Chef Automate	Yes	Yes	Yes	Yes
Support levels	Standard	Premium	Standard	Premium
SKU #	R3R63A	R3R64A	R3R65A	R3R66A

Description	SKU
Chef Effortless Infrastructure Essentials (Automate/Infra/InSpec) 1yr 12x5 LTU	R3R63A
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Chef Enterprise Automation Stack Enterprise (Automate/Infra/InSpec/Habitat) 1yr 24x7 LTU	R3R66A

Service and Support

Service and Support for Chef products are provided directly by Chef. For any service, support and generic queries please contact Chef at this URL: **http://www.chef.io/support/** by using this email address: **support@chef.io**

Warranty

Chef provides all warranty on these HPE Complete Chef Solution products and Warrants the products as defined within the license agreement.

Return Policy for Resellers

Stocking of HPE Complete Chef Solutions products should not be an issue, licenses are e-delivered directly to the customer. Please purchase accurate quantity required to fulfil the customer order.

Summary of Changes

Date	Version History	Action	Description of Change
06-Jul-2020	Version 3	Changed	QuickSpecs layout was updated and Branding Refresh was applied.
07-Oct-2019	Version 2	Changed	Added bundled Software options
06-Aug-2018	Version 1	New	New QuickSpecs

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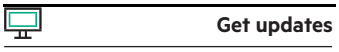
Contact our presales specialists.



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