

Section 4

Installing and Configuring Chef



In this Section, we are going to take a look at...

- Getting started with Chef
- Overview of hosted Chef
- Installing and configuring a Chef workstation
- Converging a Chef node using a Chef workstation
- Installing software packages using cookbooks
- Creating a role

Video 4.1

Getting Started with Chef



In this Video, we are going to take a look at...

- Configuring and managing nodes using Chef workstations

Chef Components

- The open source Chef server or hosted Chef
- Chef workstations
- Node

Chef Server or Hosted Chef

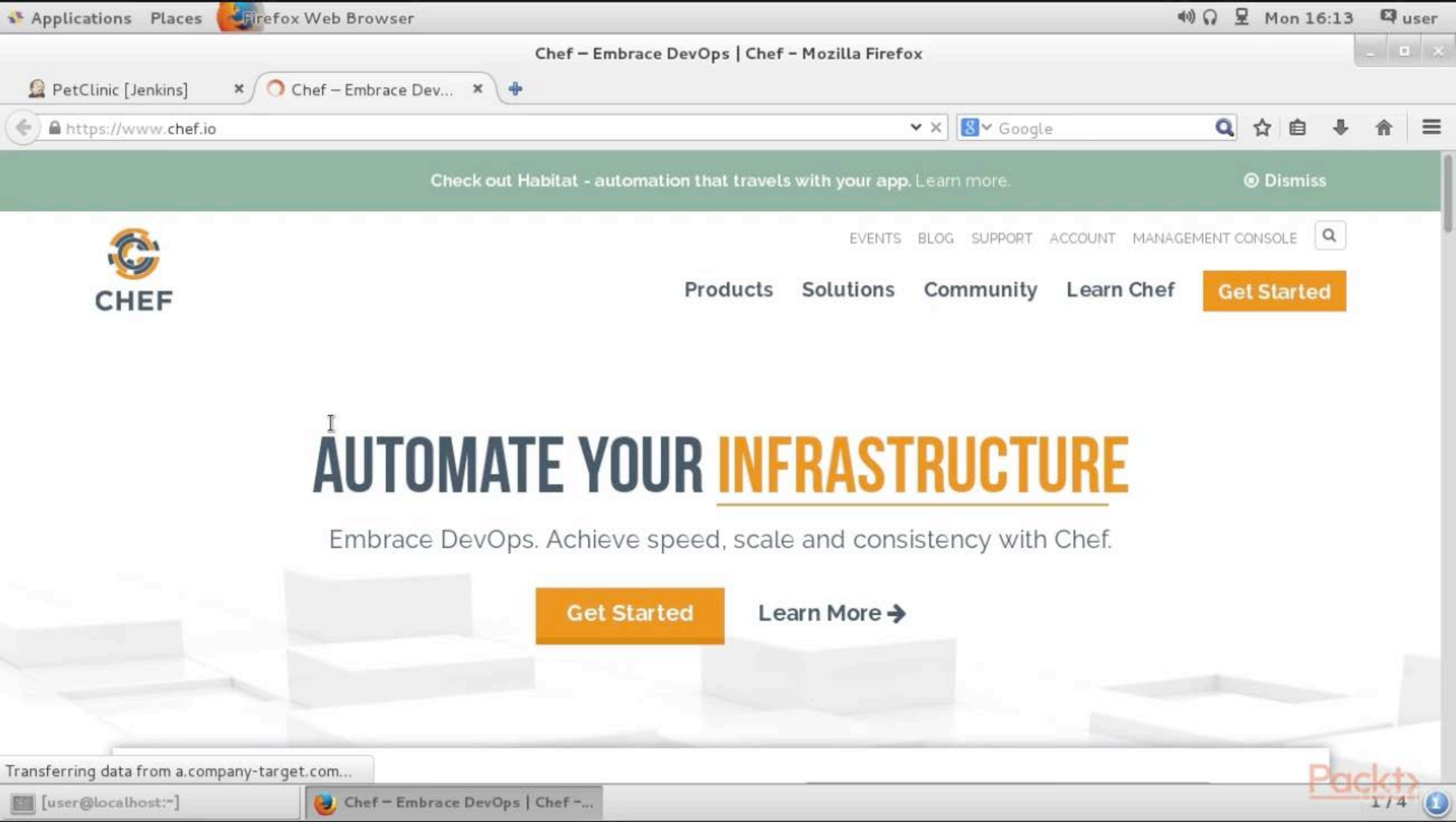
- The Chef server or hosted Chef is the pivotal component
- It stores cookbooks and other important details of registered nodes
- It is used to configure and manage nodes using Chef workstations

Chef Workstations

- A Chef workstation works as a local repository, and the knife plugin is installed on it
- Knife is used to upload cookbooks to the Chef server and execute plugin commands

Node

- A node is a physical or virtual machine in any environment where we need to configure runtime environments or perform operations using Chef configuration
- The Chef server can be installed on a physical machine or a virtual machine with an open source installable file, based on the operating system
- Use the SaaS offering from Chef
- The biggest benefit is we need not manage a Chef server or upgrade it



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Overview of Hosted Chef