

The Chef Server

A Hub for Configuration Data

Managing an Additional System

To manage another system, you would need to:

1. Provision a new node within your company or appropriate cloud provider with the appropriate access to login to administrate the system.
2. Install the Chef tools.
3. Transfer the apache cookbook.
4. Run chef-client on the new node to apply the apache cookbook's default recipe.

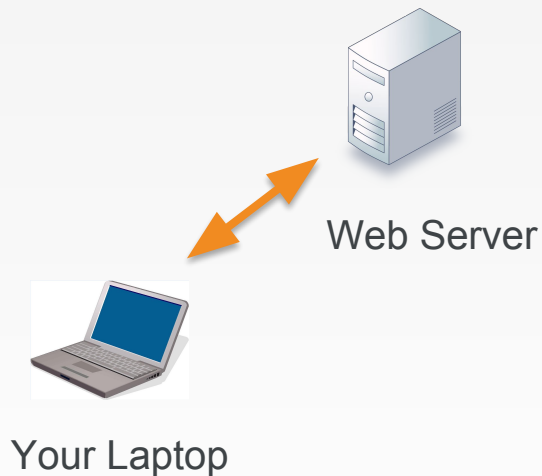
Managing Additional Systems

Installing the Chef tools, transferring the apache cookbook, and applying the run list is not terribly expensive.

- Chef provides a one-line curl install.
- You could use **git** to clone the repository from a common **git** repository.
- Applying the run list.

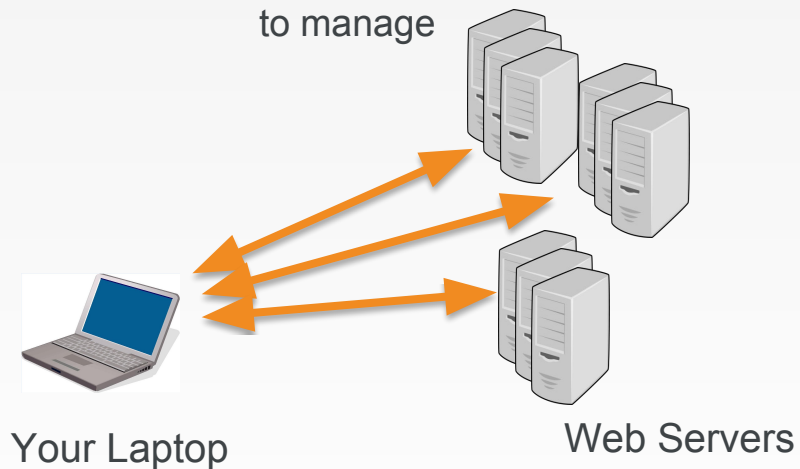
Managing Additional Systems

Now



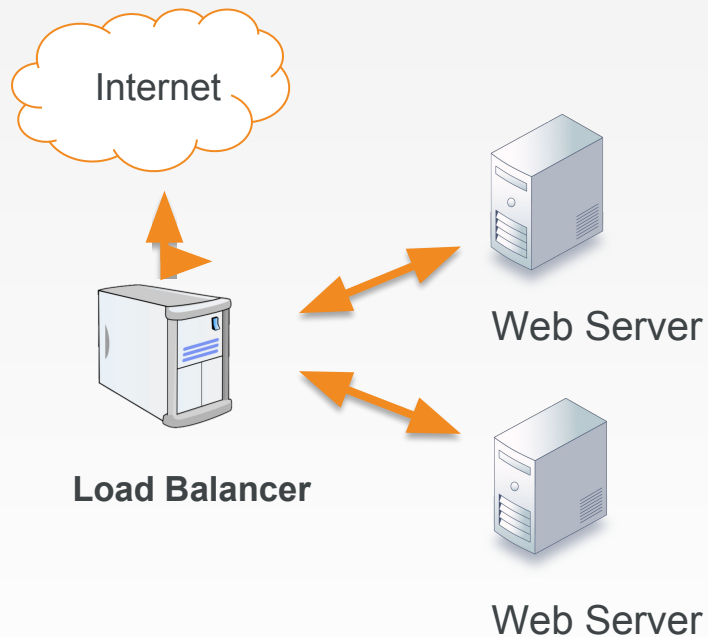
Future

More complex
to manage



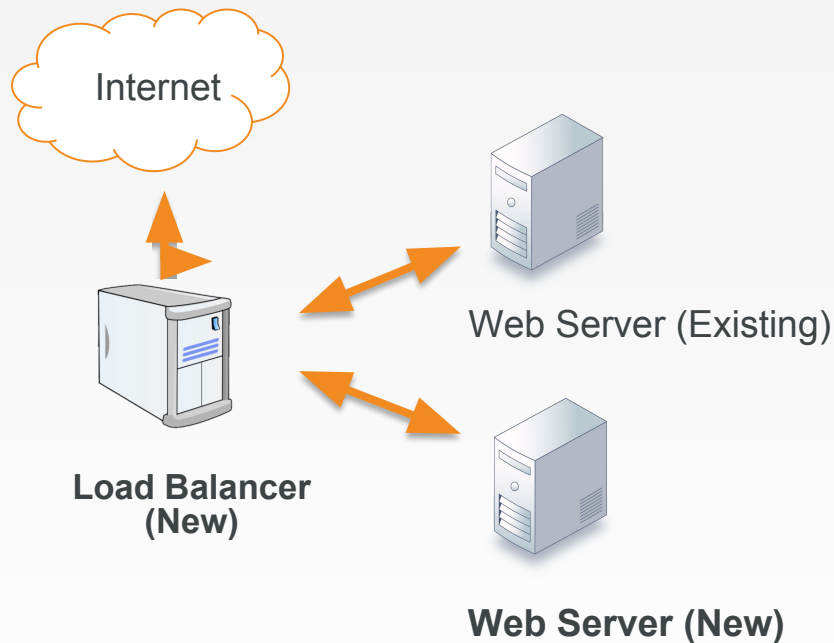
Managing User Traffic

A load balancer can forward incoming user web requests to other nodes.



Managing User Traffic

Today you will set up a new load balancer that will direct web requests to similarly-configured nodes.



Steps to Set up Load Balancer and Web Servers

Web Server

1. Provision the instance
2. Install Chef
3. Copy the Web Server cookbook
4. Apply the cookbook

Load Balancer

1. Create the haproxy (load balancer) cookbook
2. Provision the instance
3. Install Chef
4. Copy the haproxy cookbook
5. Apply the cookbook

The Chef Server

An easier way to
set up and maintain
multiple nodes.

