8: Users, Organizations, Teams and Permissions

Users, Organizations, Teams and Permissions

Specifying Views and Actions Users Have Access To

©2016 Chef Software Inc. 8-1

Slide 2

Objectives

After completing this module, you should be able to:

➢ Create users.

➢ Set user permissions.

➢ Create and apply organizations.

➢ Create Teams.

➢ Set Team permissions.

Slide 3

Permissions are used to control what users and organizations can do in the context of Chef Compliance. You can effectively enable or disable permissions to scan systems, update packages, or manage various aspects of Chef Compliance including users and organizations.

Slide 4

EXERCISE

Group Lab: Creating Users

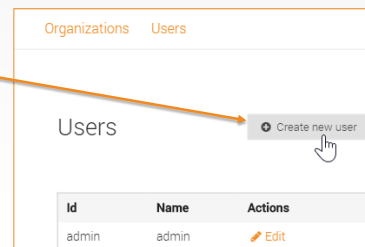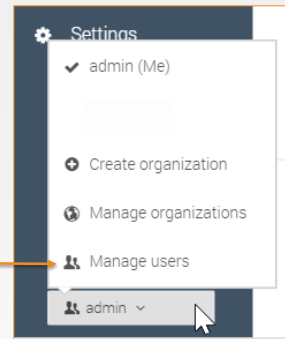*Let's learn by doing. We'll stop along the way to explain details.*

Objectives:

❑ Create a new Compliance User.
❑ Modify a User's Permissions.

©2016 Chef Software Inc.   8-4

CHEF

Slide 5

Slide 6

The Site Management permission can be thought of as Administrator-level permissions. It is like a superset of the Organization Management and the User Management permissions.

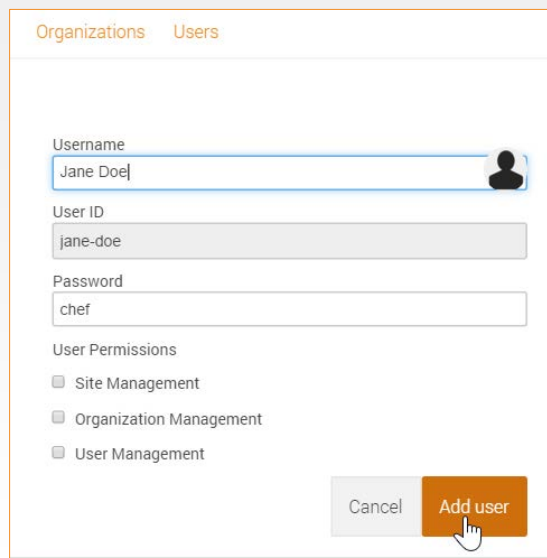We will discuss Organizations and their purpose later in this module.

Slide 7

GL: Creating Users

4. From the current Users/Create screen, type a **user name** of your choice and a password you'll remember, like **chef**.

Note: Leave the new user's permissions unchecked for now.

5. Click the **Add user** button.

Organizations   Users

Username
Jane Doe

User ID
jane-doe

Password
chef

User Permissions
☐ Site Management
☐ Organization Management
☐ User Management

Cancel   Add user

©2016 Chef Software Inc.   8-7

Slide 8

Notice that you can't delete the original admin user, however, since you always need at least an admin user.

We will use this new user in the up coming lab exercises.

Slide 9

GL: Managing Users

6. From the top-right of the Compliance web UI, click the **User** icon and log out.

7. From the resulting login screen, log in with your **new user ID**.

©2016 Chef Software Inc. 8-9
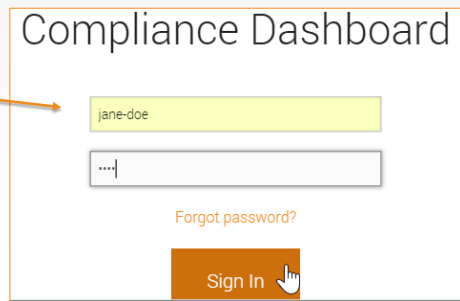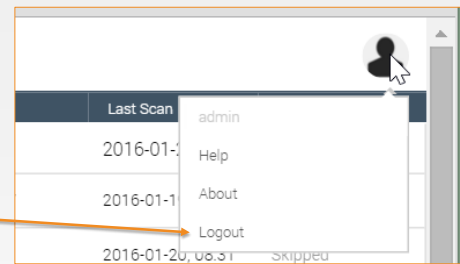
Slide 10

GL: Managing Users

Notice that you cannot access any nodes that were added previously.

Also notice that your current permissions don't allow you to manage users or organizations.

8. Log out and then log back in as the **admin** user.

Slide 11

CONCEPT

Organizations in Chef Compliance

Organizations are objects that enable you to segregate target nodes and make them accessible to users other than just the admin user.

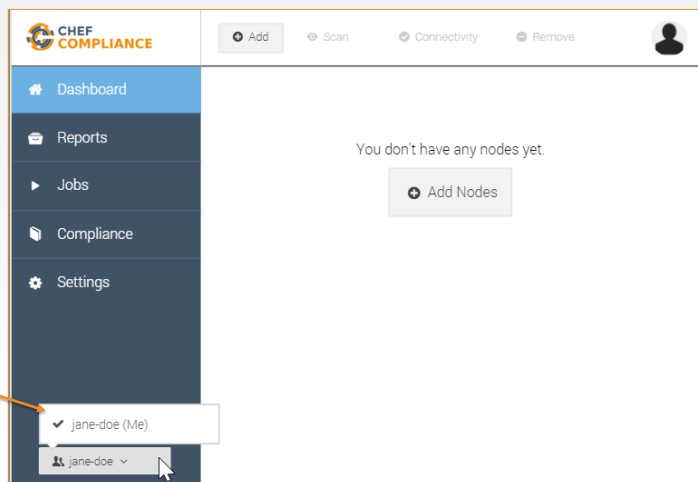Before you add nodes that you may want to share with other users, you should first create at least one Compliance organization and a corresponding Compliance team to which those nodes will be associated.

In such a scenario, you'll need to switch to the new organization and then add nodes while you are working under that organization.

©2016 Chef Software Inc.   8-11

As of this writing, the only way to share access to nodes between different user accounts via a combination of an Organization object and its Team object.

Slide 12

EXERCISE

Group Lab: Using Organizations and Teams

Let's keep learning by doing. We'll stop along the way to explain details again.

Objectives:

❑ Create an Organization.
❑ Create a Team.
❑ Add a Member to a Team.
❑ Add a Node to an Organization.
❑ Test a Team Member's Access to a Node.

©2016 Chef Software Inc.   8-12

Slide 13

GL: Creating an Organization

1. From the bottom-left of the Dashboard, click **admin > Create Organization**.

2. Type a new organization name (**chef**) in the Organization name field and then click the **Add organization** button.
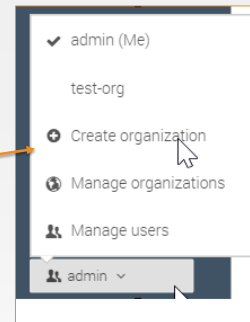
©2016 Chef Software Inc.   8-13

Slide 14

GL: Creating an Organization

Organizations   ⊕ Create new organization

3. From the resulting screen, click the **Teams** link to add team member to your new organization.

Id	Name	Actions
chef	chef	✎ Edit ⚌ Teams 🗑 Delete

4. Click the **Add user** field and then select your new user name to add it to this team.

Teams   ⊕ Add team

Owners   ✎

Member	Actions
admin	🗑 Delete
Add user	

admin

jane-doe

Notice that the original admin user us already part of this and any new organization teams.
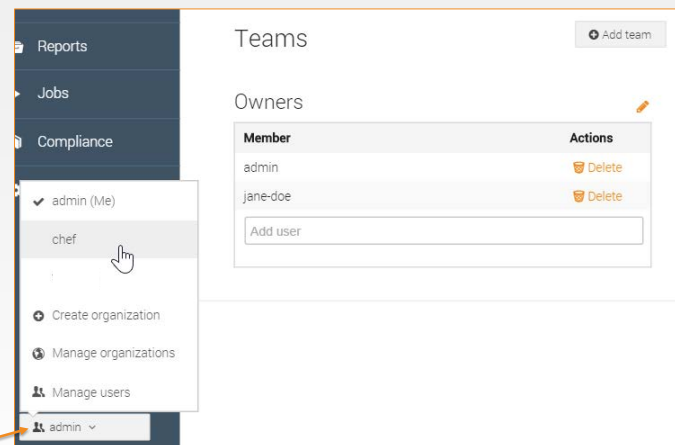
Slide 15

GL: Using Your New Organization

You should now see that your new user name is part of the chef organization's team.

In the next step we'll switch to the new organization so we can add a node to it.

5. From the bottom-left of the web UI, click **admin** and then click your new organization (**chef**) to switch to it.

Reports

Jobs

Compliance

✔ admin (Me)

chef

⊕ Create organization

🌐 Manage organizations

👥 Manage users

👥 admin ⌄

Teams   ⊕ Add team

Owners   ✏

Member	Actions
admin	🗑 Delete
jane-doe	🗑 Delete
Add user	

Slide 16

GL: Using Your New Organization

6. Click the Dashboard link and notice that you can no longer see any nodes.

Question: Where have your previous nodes gone?

7. Click the **Add** button to add a node to your organization.
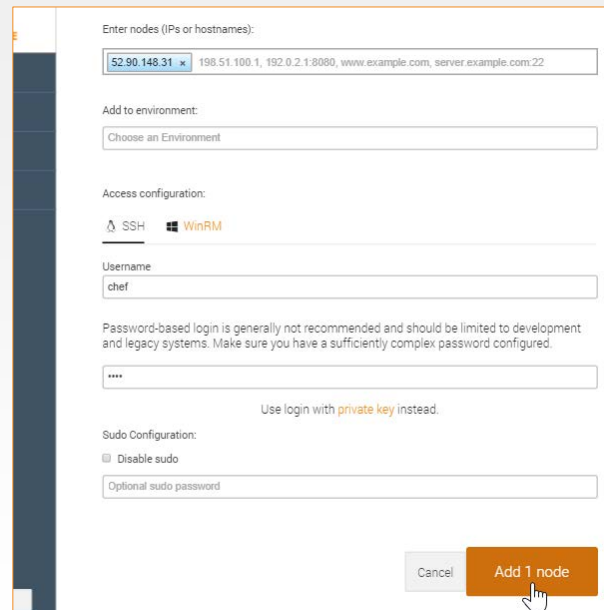
©2016 Chef Software Inc.   8-16
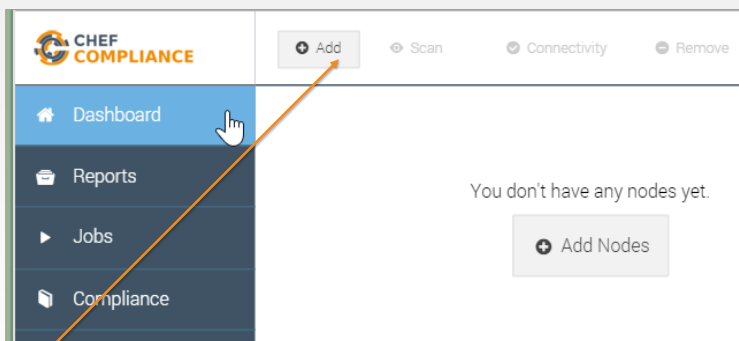
Slide 17

GL: Using Your New Organization

7. Add one of the **target nodes** you were assigned at the beginning of this course and then click the **Add 1 node** button.

Note: Use the same password authentication method as done previously in the course.

Slide 18

GL: Using Your New Organization

You should now see the node you added to your new **chef** organization.
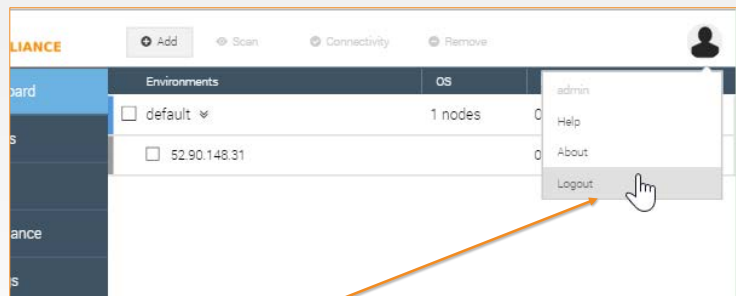
You can also determine which organization you are switched to by looking at the bottom-left of the Chef Compliance Dashboard.
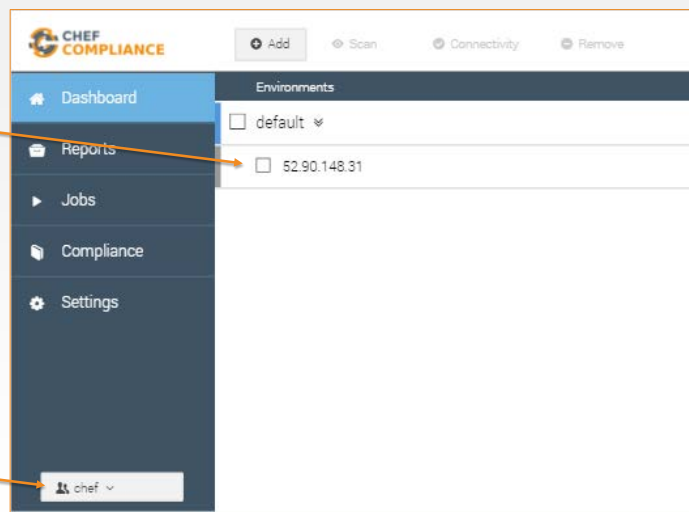
Slide 19

GL: Using Your New Organization

As you may recall, the last time you tried to view nodes while logged in to the Compliance Dashboard with your new user name, you could not see any nodes.
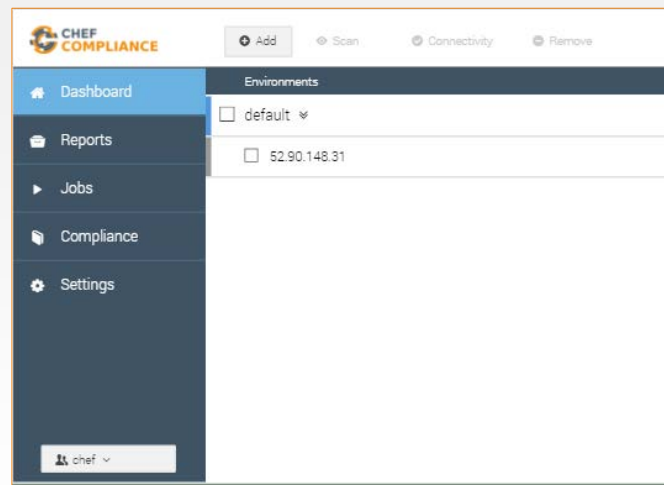
8. Log out of the Compliance Dashboard and log back in with your **new user name**.

Slide 20

GL: Using Your New Organization

While logged in with your new user name, you should now be able to access the node that was created under your new organization.

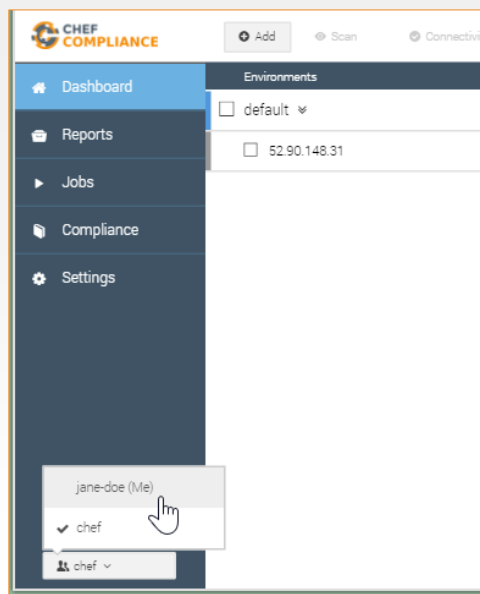**Question**: Do you remember why this is possible?

Slide 21

GL: Using Your New Organization

9. From the bottom-left of the Compliance Dashboard, switch back and forth between you new organization and your user name's default organization.

You should only be able to access the node that was created under your new organization.

Slide 22

CONCEPT

Managing Team Permissions

Teams have their own set of permissions.

Team permissions are completely separate and independent of user permissions.
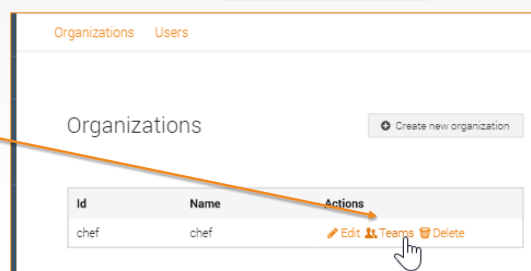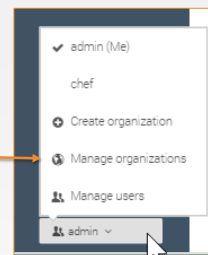
Slide 23

GL: Managing Team Permissions

1. Log out of the Compliance Web UI and log back in as **admin**.

2. If you like you can switch back to the admin organization although it really doesn't matter for the next task.

Slide 24

GL: Managing Team Permissions

3. Click **Manage Organizations** from the menu.

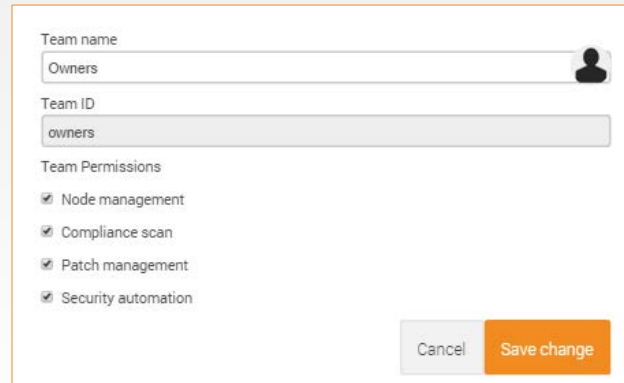4. From the resulting Organizations screen, click the **chef** organization's **Teams** link.

Slide 25

Slide 26

When you create a new team, all these permissions are enabled (checked) so if you want to limit team members' permissions listed here, you will need to disable them.

Slide 27

Discussion: Managing Team Permissions

Note: As of this writing, the Patch Management and Security Automation permissions are not fully functional.

Team name

Owners

Team ID

owners

Team Permissions

☑ Node management

☑ Compliance scan

☑ Patch management

☑ Security automation
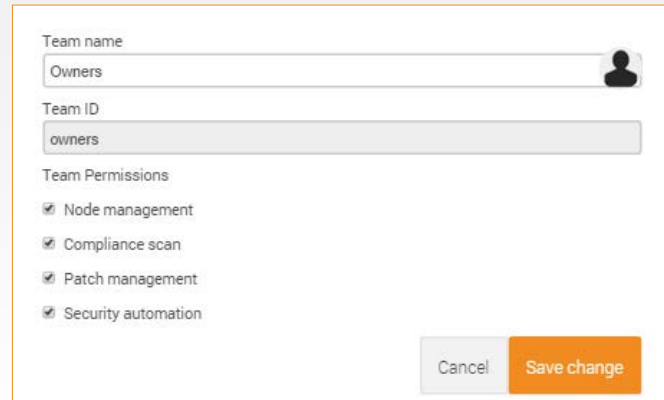
Cancel   Save change

Slide 28

Review Questions

1. How can you share nodes between different user names?

2. Of the following permissions found on the Users/Create screen, which has the highest levels of permissions when enabled?

❑ Organization Management.

❑ User Management.

❑ Site Management.

Slide 29

Review Questions

3. Regarding team permissions, what can the **Node management** permission allow?

Slide 30