

Novell Teaming Test-Drive Image

Quick Start Guide

INTRODUCTION

Welcome to the Novell Teaming Starter Pack Program and thanks for your interest in Novell Teaming. With the test-drive environment and this documentation, you will easily have a fully functional Novell Teaming system up and running in less than an hour. The test-drive environment is provided as a VMware image that can be launched by a number of VMware products.

DOWNLOADING VMWARE

If you do not have an existing copy of VMware, you can download VMware Player free of charge at www.vmware.com/download/player. VMware Player is available for a number of platforms, including Linux and Windows.

WHAT YOU NEED TO KNOW

Before you can deploy the Novell Teaming image, you need to get a few infrastructure details from your Network Manager or Mail Administrator.

- Network information
 - A valid static IP address for your network and subnet mask
 - Your default gateway
 - Your DNS server addresses
 - The host name that you should use. This will likely be something along the lines of `teaming.mycompany.com`.
 - Have a DNS entry set up for this address. If you do not have a DNS server, you can access Novell Teaming using the server IP address.
- SMTP information (if you would like to send e-mail notifications and mail)
 - The address of your SMTP relay
 - The e-mail address that Novell Teaming will use
 - If you require authentication to the SMTP relay, you will need the password for the user
- LDAP information (If you would like to use LDAP authentication)
 - An LDAP user context and password, with “read” rights to the attributes you are accessing
 - LDAP server address and port
 - The Base DN indicating where to access user information

CONFIGURING THE TEAMING IMAGE

Start the Teaming Image

Start VMware and boot the Teaming image. If you are asked whether you copied or moved the image, select the “moved” option if this is the only Teaming image you have installed. Once the server has booted, you should be prompted to enter your login name.

Log in to the Teaming Image

When prompted for a user name, log in to the server as a user called "root". This is the SUSE Linux Enterprise Server administrative user. Type "root" and press <Enter>.



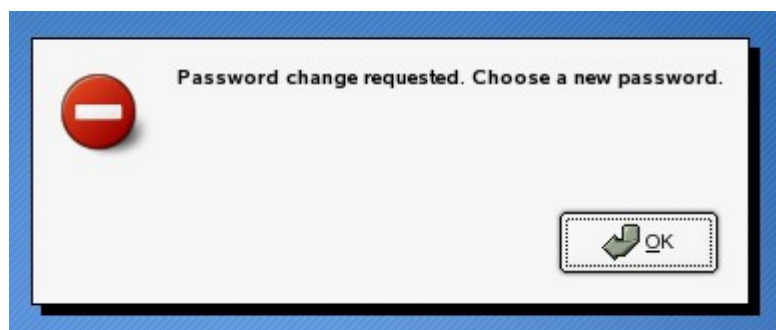
A blue screen with a white 'N' and a vertical dotted line on the left. The text 'Username:' is centered at the top. Below it is a white rectangular input field. Underneath the field, the text 'Please enter your username' is displayed in a light blue color.

Now type the password "novell" (all lower-case) and press <Enter>.




A blue screen with a white 'N' and a vertical dotted line on the left. The text 'Password:' is centered at the top. Below it is a white rectangular input field.

Once you have logged in successfully, you will be prompted to change your password. Click <OK> to continue.



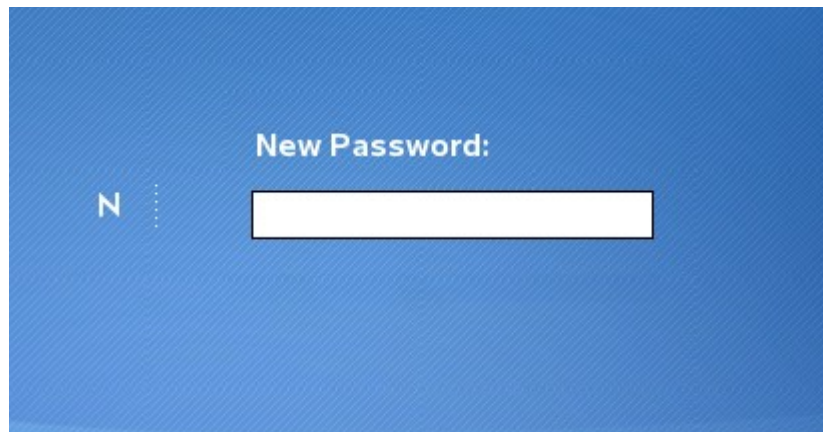
A white dialog box with a blue border. On the left is a red circular icon with a white horizontal bar. The text 'Password change requested. Choose a new password.' is centered at the top. In the bottom right corner, there is a button with a green arrow pointing right and the text 'OK'.

Type the old password (“novell”) and press <Enter>.



A screenshot of a password prompt screen. The background is a solid blue color. On the left side, there is a white letter 'N' followed by a vertical dotted line. To the right of this, the text 'Old Password:' is displayed in white. Below the text is a white rectangular input field with a thin black border.

Type your new password and press <Enter>.



A screenshot of a password prompt screen, similar to the one above. The background is a solid blue color. On the left side, there is a white letter 'N' followed by a vertical dotted line. To the right of this, the text 'New Password:' is displayed in white. Below the text is a white rectangular input field with a thin black border.

Type your new password once more and press <Enter>.



Click <OK> when you receive the confirmation message. You should have successfully logged in to the server desktop.



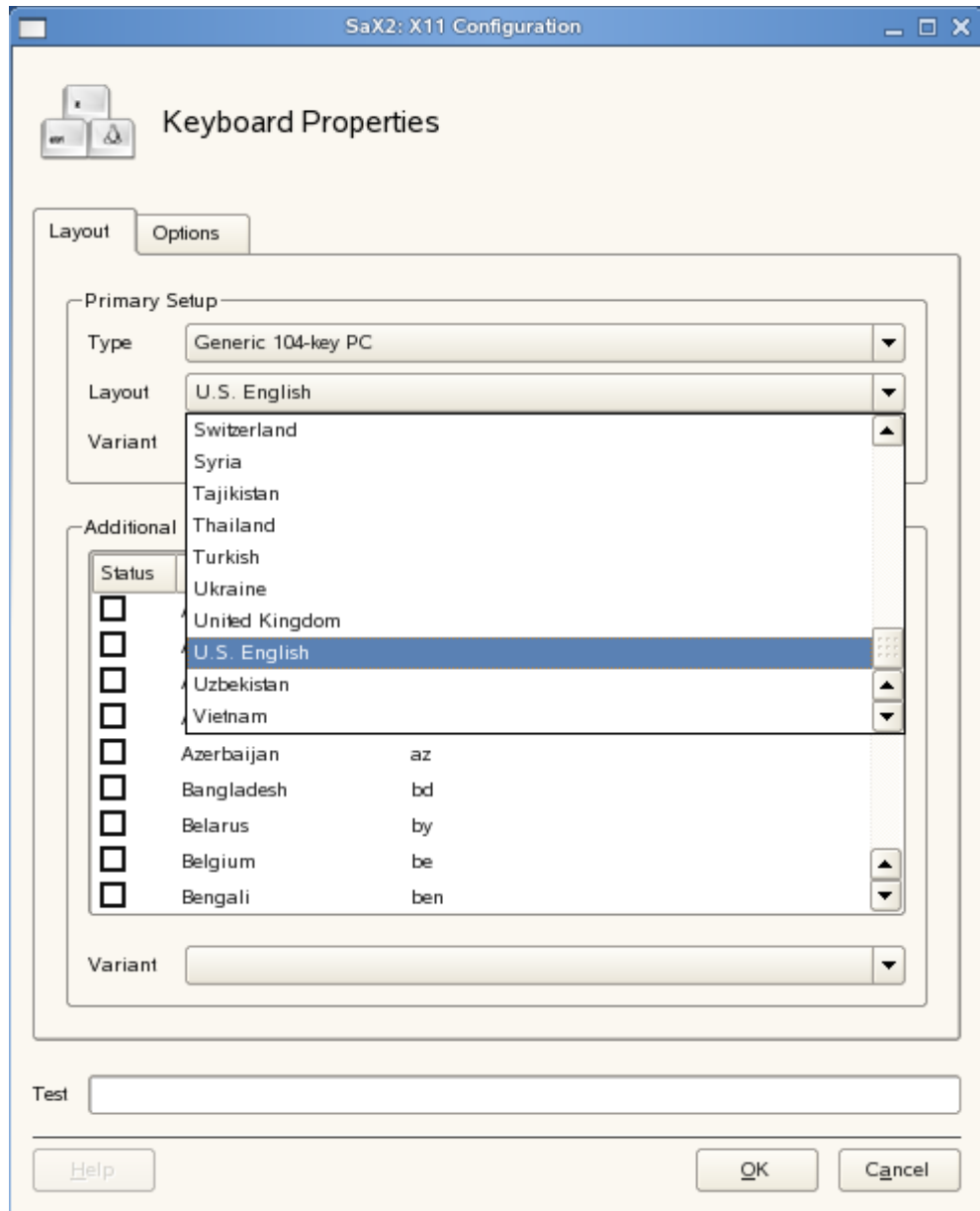
Change the Keyboard Layout

The keyboard layout has been set up for a US keyboard. If you are using another keyboard, you may want to select a keyboard layout appropriate for your environment. If you do not need to change the keyboard layout, skip to the next section.

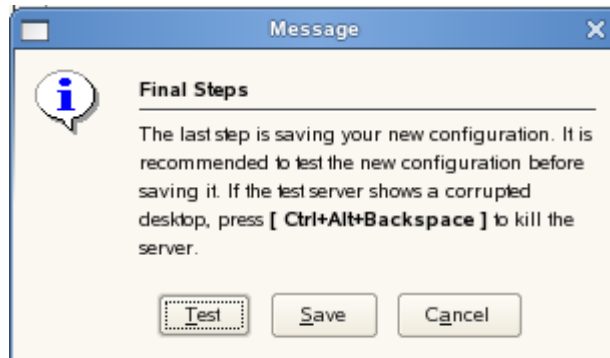
To start the configuration tool, click the “Keyboard Layout” icon on the server desktop.



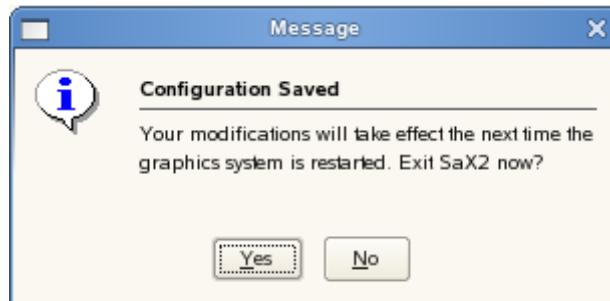
In the configuration tool, click the “Layout” drop-down list and select the keyboard you are using. Click <OK> to confirm your selection.



Click <Save>.



Click <Yes>. The keyboard layout settings will take effect immediately.

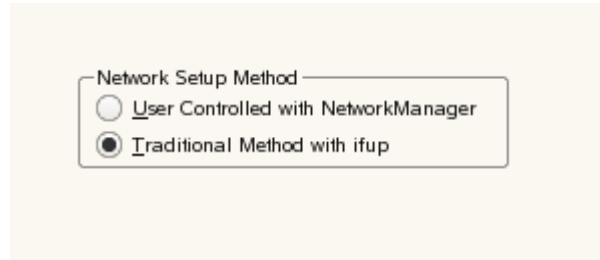


Change the IP Address

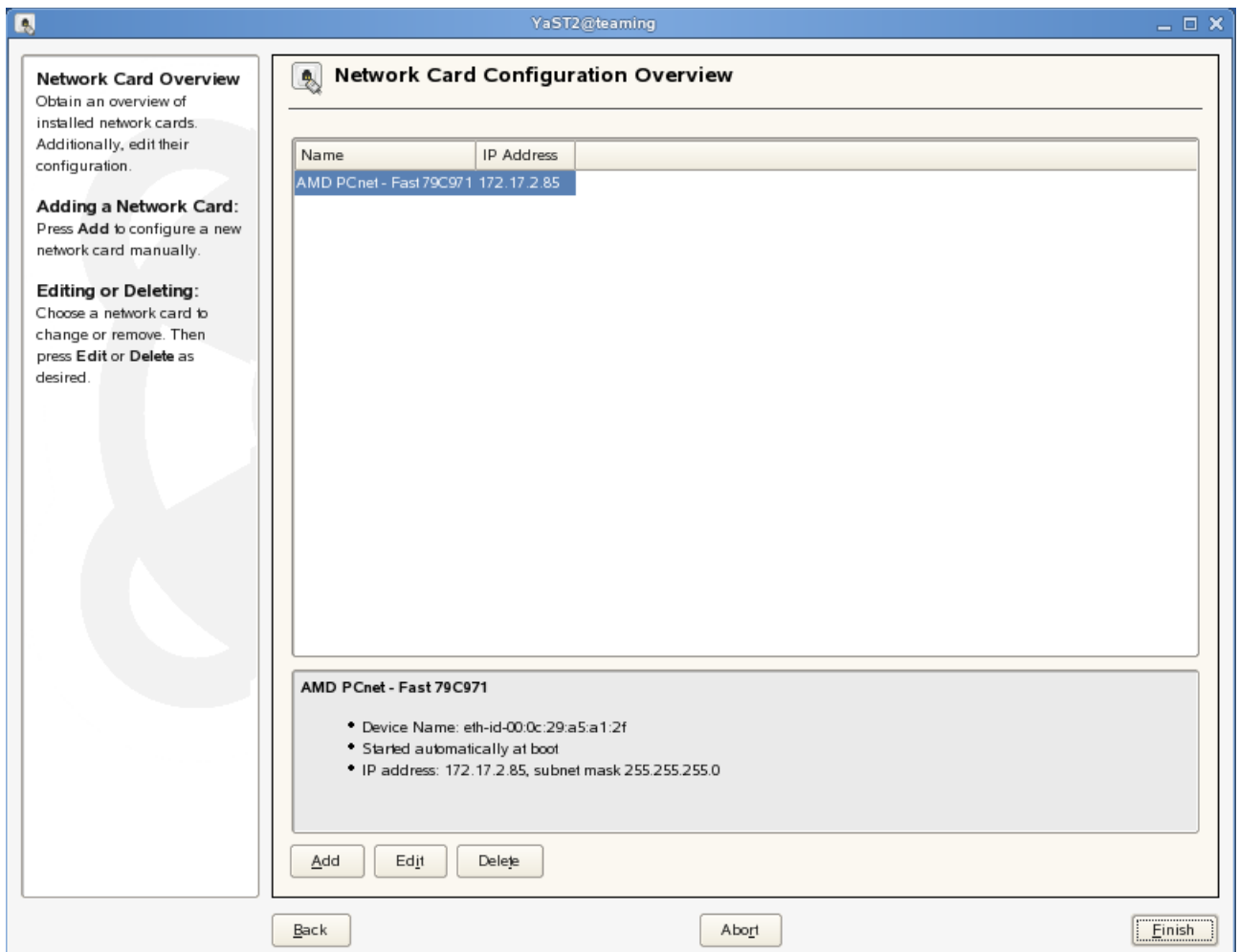
To change your system's IP address, you need to run the Network Card configuration tool. Click the "Network Card" icon on the server desktop to start the tool.



Select the option for "Traditional Method with ifup", which should be selected by default. Click <Next>.



One network card should appear in the tool. Select this card, then click <Edit>.



Enter the IP address and the subnet mask for this server. This information should be available from your Network Administrator.

The image shows a network configuration interface with the following elements:

- Device Type:** A dropdown menu set to "Ethernet".
- Configuration Name:** A dropdown menu set to "id-00:0c:29:a5:a1:2f".
- IP Addressing Options:** Three radio buttons: "No IP Address (for Bonding Devices)", "Automatic Address Setup (via DHCP)", and "Static Address Setup" (which is selected).
- IP Address:** A text input field containing "172.17.2.85".
- Subnet Mask:** A text input field containing "255.255.255.0".
- Detailed Settings:** A section containing three buttons: "Hostname and Name Server", "Routing", and "Advanced..." (with a dropdown arrow).

Now click the "Hostname and Name Server" button and type the Hostname for this server. You may wish to use "teaming". Enter the Domain name for this server and then the Name Servers you wish to use. Click <OK> to confirm.

The image shows two configuration windows. The top window, titled "Hostname and Domain Name (Global)", has two input fields: "Hostname" containing "teaming" and "Domain Name" containing "novell.com". Below these are two checkboxes: "Change Hostname via DHCP" (unchecked) and "Write Hostname to /etc/hosts" (checked). The bottom window, titled "Name Servers and Domain Search List", has three input fields for "Name Server 1", "Name Server 2", and "Name Server 3", all of which are empty. To the right is a larger empty box for "Domain Search". At the bottom of this window is a checkbox for "Update Name Servers and Search List via DHCP" which is checked.

Click the "Routing" button and enter the Default Gateway address. Click <OK> . Click <Next>, then <Finish> to confirm the new information.

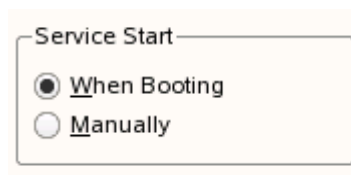
The image shows two configuration windows. The top window, titled "Default Gateway", has a dropdown menu showing "192.168.0.1". The bottom window, titled "Routing Table", has a checkbox for "Expert Configuration" which is unchecked. Below this is a table with the following headers: "Destination", "Gateway", "Netmask", "Device", and "Options". The table body is empty. At the bottom of the window are three buttons: "Add", "Edit", and "Delete".

Confirm Firewall Will Start When Booting

Click the “Firewall” icon on the server desktop to start the configuration tool.



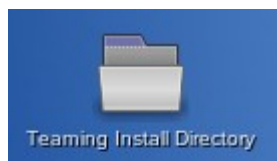
Confirm that the service is set to start when booting, then click <Next> and <Accept>.



Copy Your License File

The test-drive environment comes with a 60-day evaluation license, which will be installed by default. You can use the pre-installed evaluation license in the test environment or the 20 free user licenses you received through the Novell Teaming Starter Pack Program (full licenses that do not expire). If you deploy the 20 free licenses, you need to replace the existing license file with your own. If you plan to use the evaluation license, continue to the “Run the Teaming Installation” section.

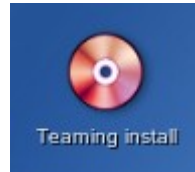
Click the “Teaming Install Directory” icon on the server desktop. This will display a directory view of the Teaming installation directory: */home/teaming-install*. Right click on the *license-key.xml* file. Select the option to rename the file, then rename it as *license-keyeval.xml*.



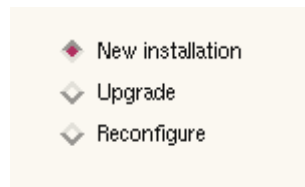
You now need to copy the license file you have been given to a file called *license-key.xml* in the Teaming Install Directory. This can be done in several ways. The easiest method is to copy the file from a USB drive. When you connect the USB drive to your VMware image, a window showing the contents of the USB drive should automatically open. Navigate to your license file, right click and select “Copy”. Now click on the window with the files in the Teaming Install Directory. Select the “Edit” menu and then select “Paste”. Right click on the new license file and select “Rename”. Rename the file as *license-key.xml* (remember that in Linux, file names are case sensitive – this is all lower case).

Run the Teaming Installation

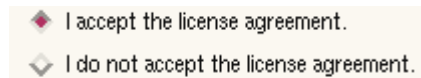
The Teaming install is a graphical installation program in which you can accept the default options on most pages. Click the “Teaming Install” icon on the server desktop.



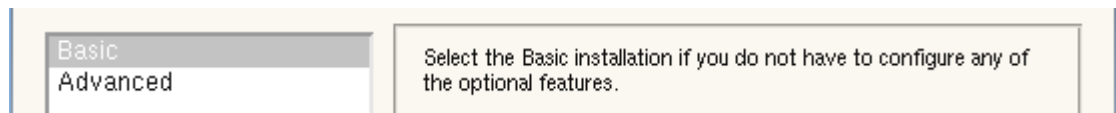
Select “New installation” and click <Next>.



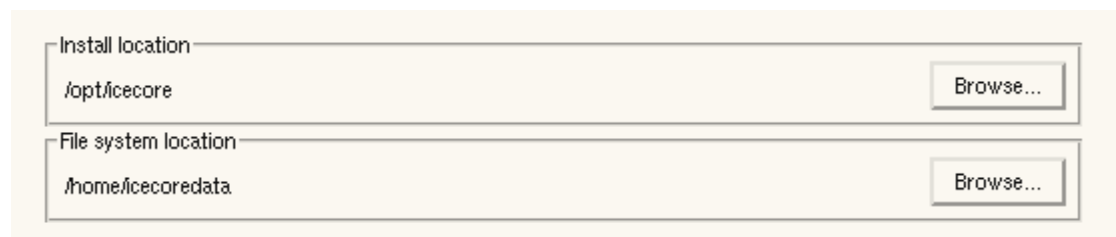
Read and accept the license agreement (if you agree to abide by it) and click <Next>.



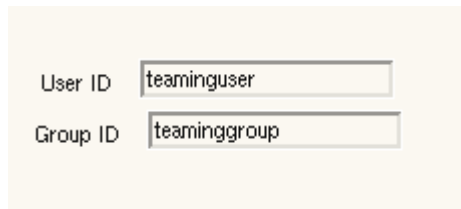
Select the “Basic” installation type and click <Next>.



Leave the default install locations and click <Next>.

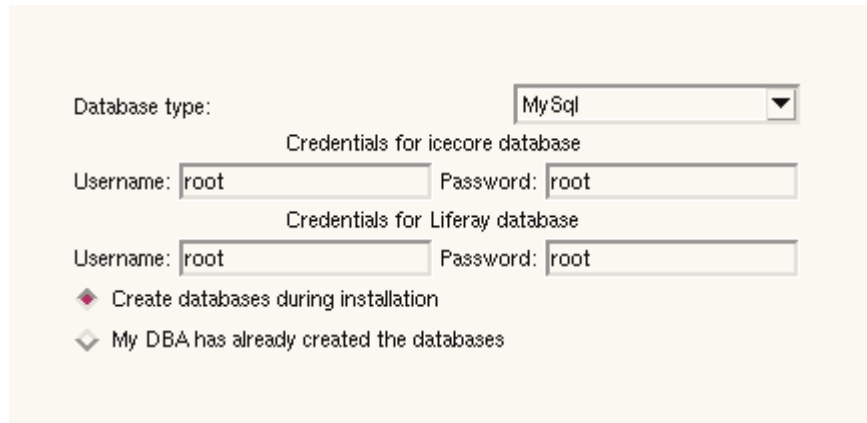


Enter "teaminguser" as the User ID (it is case sensitive) and type "teaminggroup" as the Group ID (also case sensitive). Click <Next>.



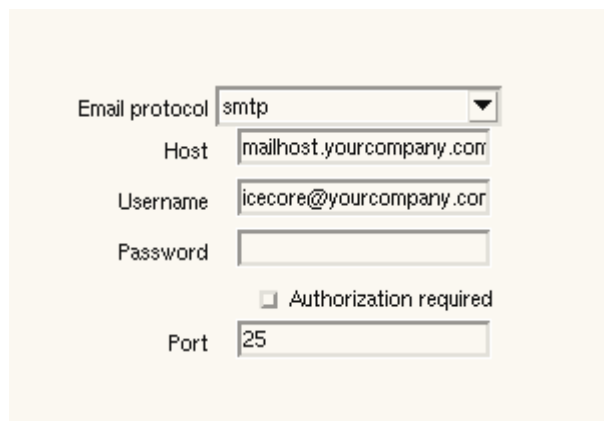
A screenshot of a form with two input fields. The first field is labeled "User ID" and contains the text "teaminguser". The second field is labeled "Group ID" and contains the text "teaminggroup".

Leave the default database information and ensure that the "Create databases during installation" option is selected. Click <Next>.



A screenshot of a database configuration form. It includes a "Database type:" dropdown menu set to "MySql". Below this are two sections for credentials: "Credentials for icecore database" and "Credentials for Liferay database". Each section has "Username:" and "Password:" fields, both containing "root". At the bottom, there are two radio button options: "Create databases during installation" (which is selected) and "My DBA has already created the databases".

Enter the address of your mail relay host. Enter the username that will be used to send Teaming mail. If you require credentials to use the relay, enter the password and ensure that "Authorization required" is selected. Click <Next>, then <Next> again to confirm.



A screenshot of an email configuration form. It includes an "Email protocol" dropdown menu set to "smtp". Below this are fields for "Host" (mailhost.yourcompany.com), "Username" (icecore@yourcompany.com), "Password" (empty), and "Port" (25). There is also a checkbox labeled "Authorization required" which is checked.

Teaming should now install, which may take a few minutes. Click <Finish>.

Restart the Server

Restart the server after Teaming has been installed. Click the “System Shutdown Dialog” on the server desktop.



Click “Restart” to shutdown and restart the server.



Log in to Novell Teaming

Once the server has restarted, it's time to log in to Novell Teaming for the first time. Launch a supported browser (Firefox is provided on the server desktop) and go to the server URL (or IP address if DNS isn't used). Enter the administrator login (“admin”) and the administrator default password (“admin”).

Login	<input type="text" value="admin"/>
Password	<input type="password" value="*****"/>
Remember Me	<input type="checkbox"/>

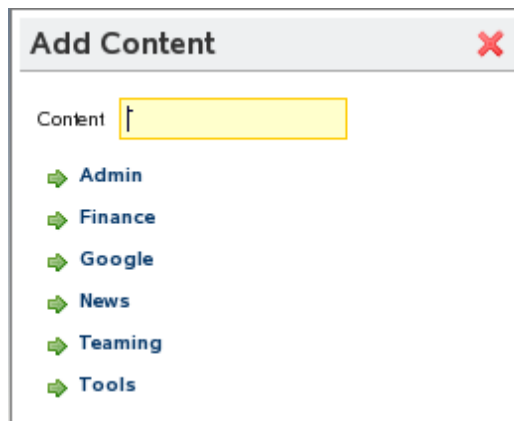
You will be prompted to change the administrator password. Enter a new password, re-enter it and click <OK>. You should now be successfully logged in to Novell Teaming.

Setup the Administrative Portlets

In order to administer the system, you need to add two portlets to the administrator's home page: Liferay Enterprise Administration and Teaming Enterprise Administration. To do this, click the “Add Content” menu.



Once the “Add Content” menu displays, select the “Admin” option.



Now click "Add" next to the "Enterprise Admin" option.

Add Content [X]

Content

Admin

Admin

Communities

Enterprise Admin

Location Admin

Organization Admin

Plugin Installer

Tags Admin

Update Manager

Finance

Google

News

Teaming

Tools

The Enterprise Admin portlet has now been added to the administrator's home page.

Enterprise Admin [Refresh] [Help] [Settings] [Close]

Users Organizations Locations User Groups Roles

»

First Name

Middle Name

Last Name

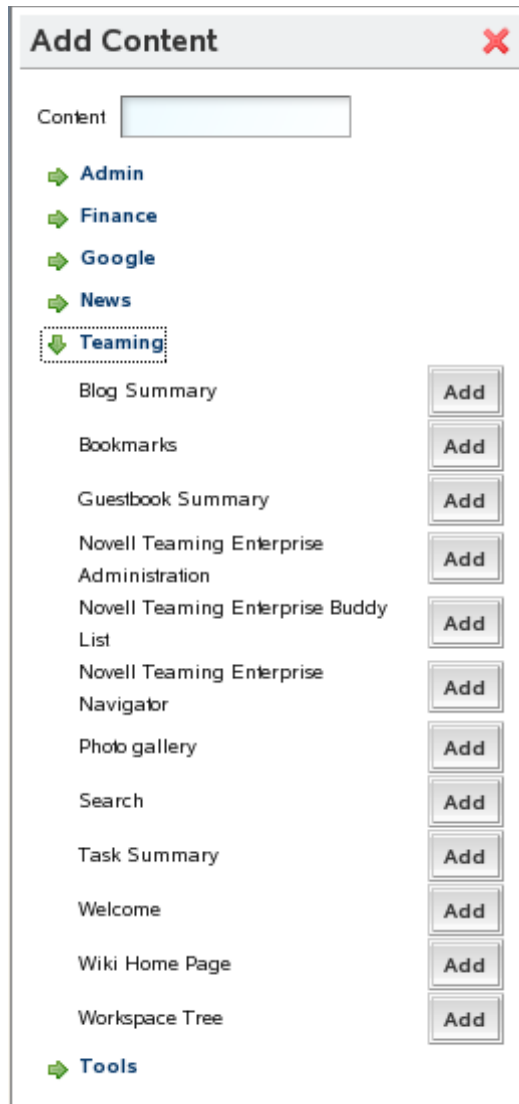
Screen Name

Email Address

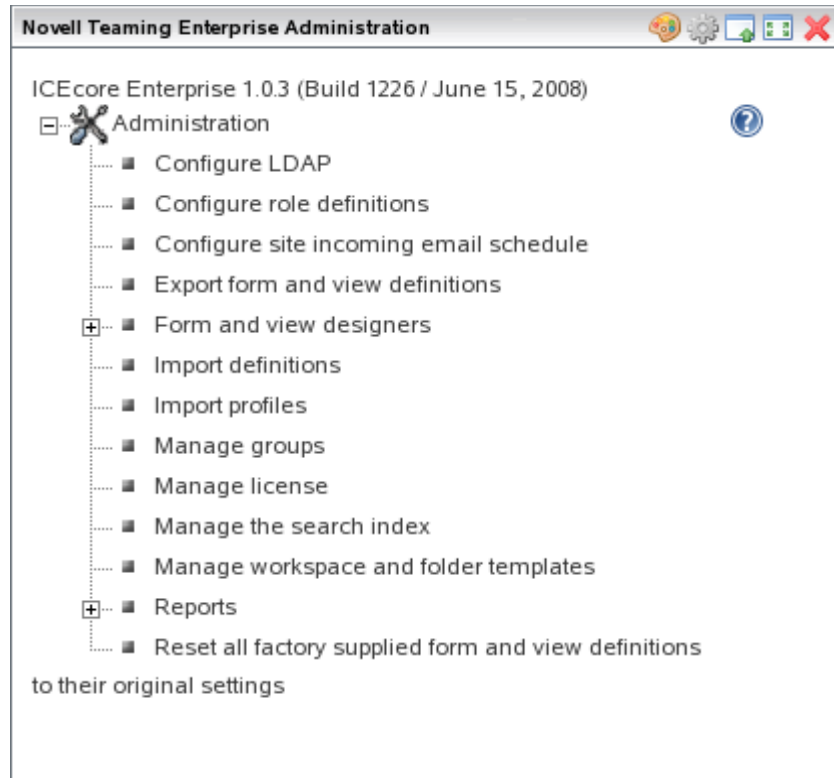
Active

And

Back in the "Add Content" menu, select the "Teaming" option, then click "Add" next to the "Novell Teaming Enterprise Administration" option.

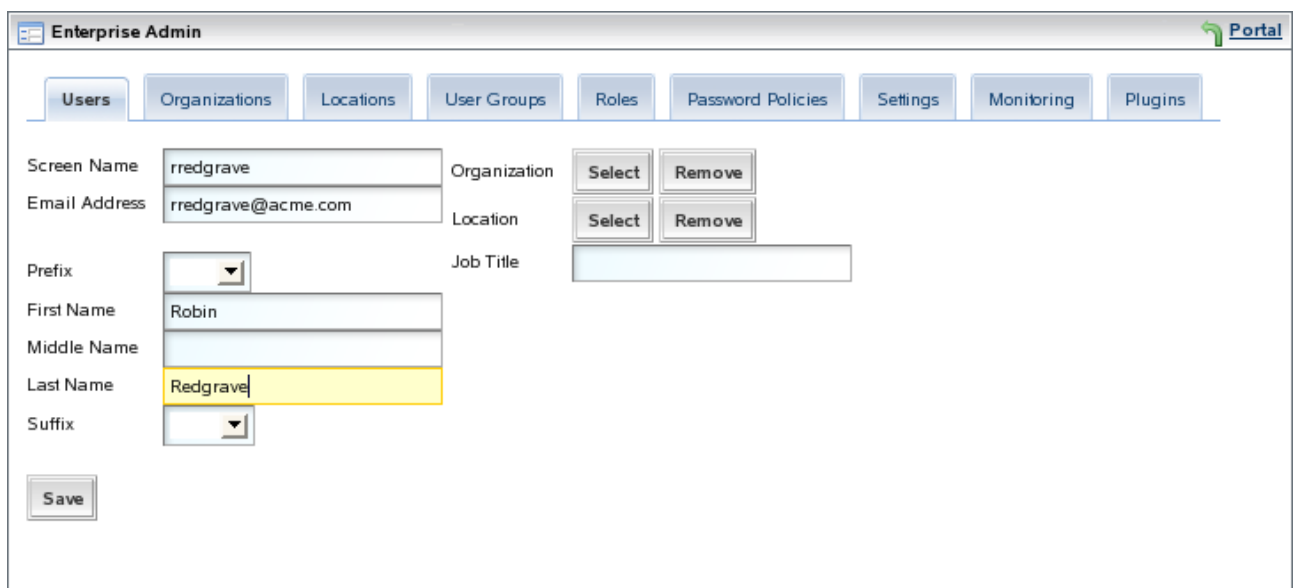


The Novell Teaming Enterprise Administration portlet has now been added to the administrator's home page.



Add Users

With Novell Teaming up and running, you now need to add some users. Use the Enterprise Administration portlet to do this. Click the “Users” tab in the Enterprise Admin portlet, then click “Add”. Enter a screen name, the user’s e-mail address, and the user’s first and last name. Save your edits by clicking <Save>.



Change the Language and Time Zone as required. Click <Save>.

Display Password Roles

Language English (United States)

Time Zone (GMT) GMT

Greeting Welcome, Robin Redgrave!

Save

Type a password, then type it again to confirm it. If you want the user to enter a new password when they log in for the first time, check the “Password Reset Required” option. Click <Save> to create the user.

Display Password Roles

Password

Enter Again

Password Reset Required

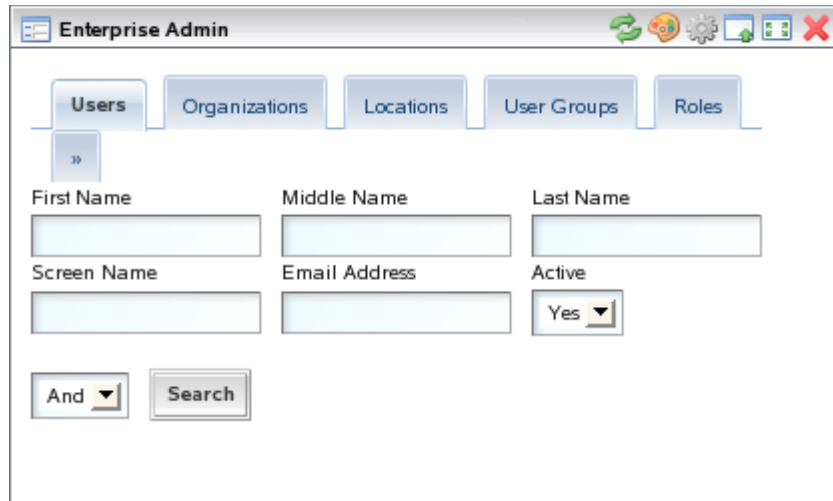
Save

LDAP USERS AND AUTHENTICATION

If you wish, you can use an LDAP directory for authentication. You can also import users to Novell Teaming from an LDAP directory.

Add LDAP Authentication

When users are authenticated against an LDAP directory, they will be automatically added to the Novell Teaming directory after their first successful login. Click the “>>” tab in the Enterprise Admin portlet.



Select the "Settings" tab.



Now select the "Authentication" tab followed by the "LDAP" tab.



Check the "Enabled" option to enable LDAP authentication for your Novell Teaming system.

Enabled	<input checked="" type="checkbox"/>
Required	<input type="checkbox"/>
NTLM Enabled	<input type="checkbox"/>

Enter the base provider URL using the following format: ldap://server:389. If you want to use secure LDAP, please see the Novell Support TID #3176104 . Type the Base DN indicating where the users are. For the Principal, enter the LDAP user that will be used to attach to the LDAP server. This is in LDAP notation, which uses a comma to separate the parts of the address. The user will need “read” rights to the directory and the attributes that will be imported. In the “Credentials” field, type the user's password .

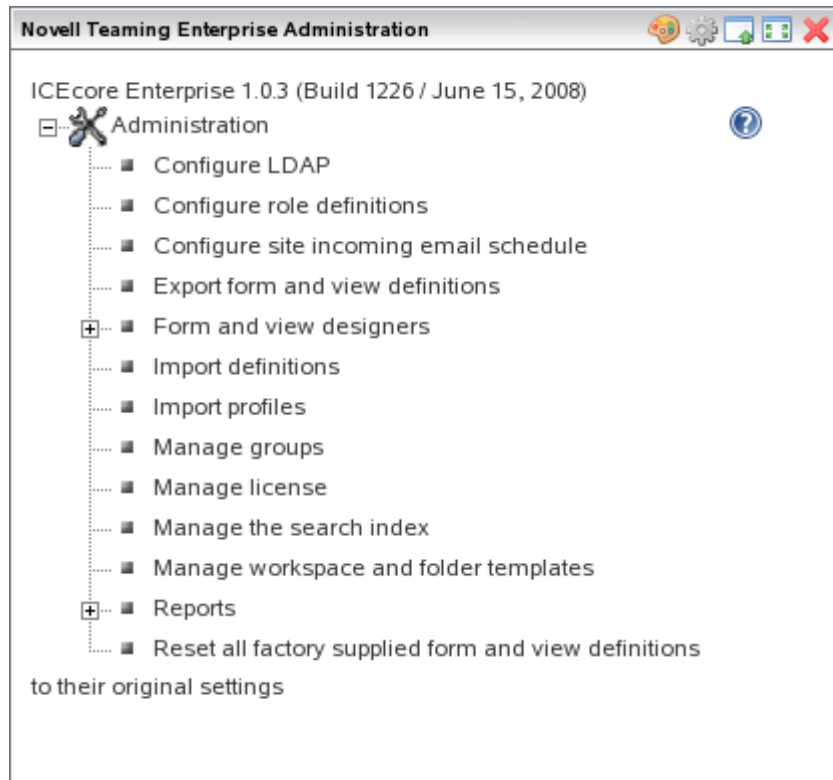
Base Provider URL	ldap://ldap.acme.com:389
Base DN	ou=users,o=acme
Principal	cn=teamingldap,ou=users,o=acme
Credentials	*****

Import Enabled	<input checked="" type="checkbox"/>
Import on Startup Enabled	<input checked="" type="checkbox"/>
Import Interval	10 Minutes ▾
Import Search Filter	(objectClass=inetOrgPerson)

Click <Save>. You should see a message in green confirming that the principal user has successfully logged in to the LDAP directory. Now click <Close>.

Import and Synchronize LDAP Users

Since you cannot add users to teams or configure access controls until they have logged in, you may want to import users from the LDAP directory. This will enable you to assign rights before their first login. To do this, select the “Configure LDAP” option in the Novell Teaming Enterprise Administration portlet.



Check both the “Enable schedule” and “Run immediately” options.

- Enable schedule
- Run immediately

Expand the “Schedule” option and specify that it run “Every day”. Also, select a synchronisation time frame.

▼ Schedule

Every day

Weekly (on the days selected below)

Sun Mon Tue Wed Thu Fri Sat

At time : GMT

Repeat every hours

Expand the “Connection” option and type the LDAP URL using the following format: ldap://server:389. If you like, you can append the base DN where users can be found in the form (example: ldap://server:389/ou=users,o=novell). Enter the LDAP user as the principal. This user must have rights to user objects in the LDAP directory. Type the user password in the “Credentials” field.

▼ Connection

The LDAP URL format is ldap://host:port/searchdn, where searchdn specifies the initial search context
For example: ldap://localhost:389/ou=Users,o=Example

URL

Principal

Credentials

Search DN for locating groups, if different from the LDAP URL above (e.g., dc=groups,o=Example)

Search DN

Enable the options “Synchronise user profiles” and “Register LDAP user profiles automatically.”

- Synchronize user profiles
- Register LDAP user profiles automatically
- Delete users that are not in LDAP
- When deleting users, delete associated user workspaces and content

If you want to synchronise groups from the LDAP directory, enable the “Register LDAP group profiles automatically” and “Synchronise group membership” options.

- Register LDAP group profiles automatically
- Synchronize group membership
- Delete local groups that are not in LDAP

CONCLUSION

Congratulations! You now have a fully functioning Novell Teaming system and are ready to test-drive an innovative and exciting collaboration solution. If you have any questions, please do not hesitate to contact Novell or your preferred Novell partner.