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Novell Teaming Test-Drive Image

Quick Start Guide

Novell.

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>.

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

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

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

Type your new password and press <Enter>.

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

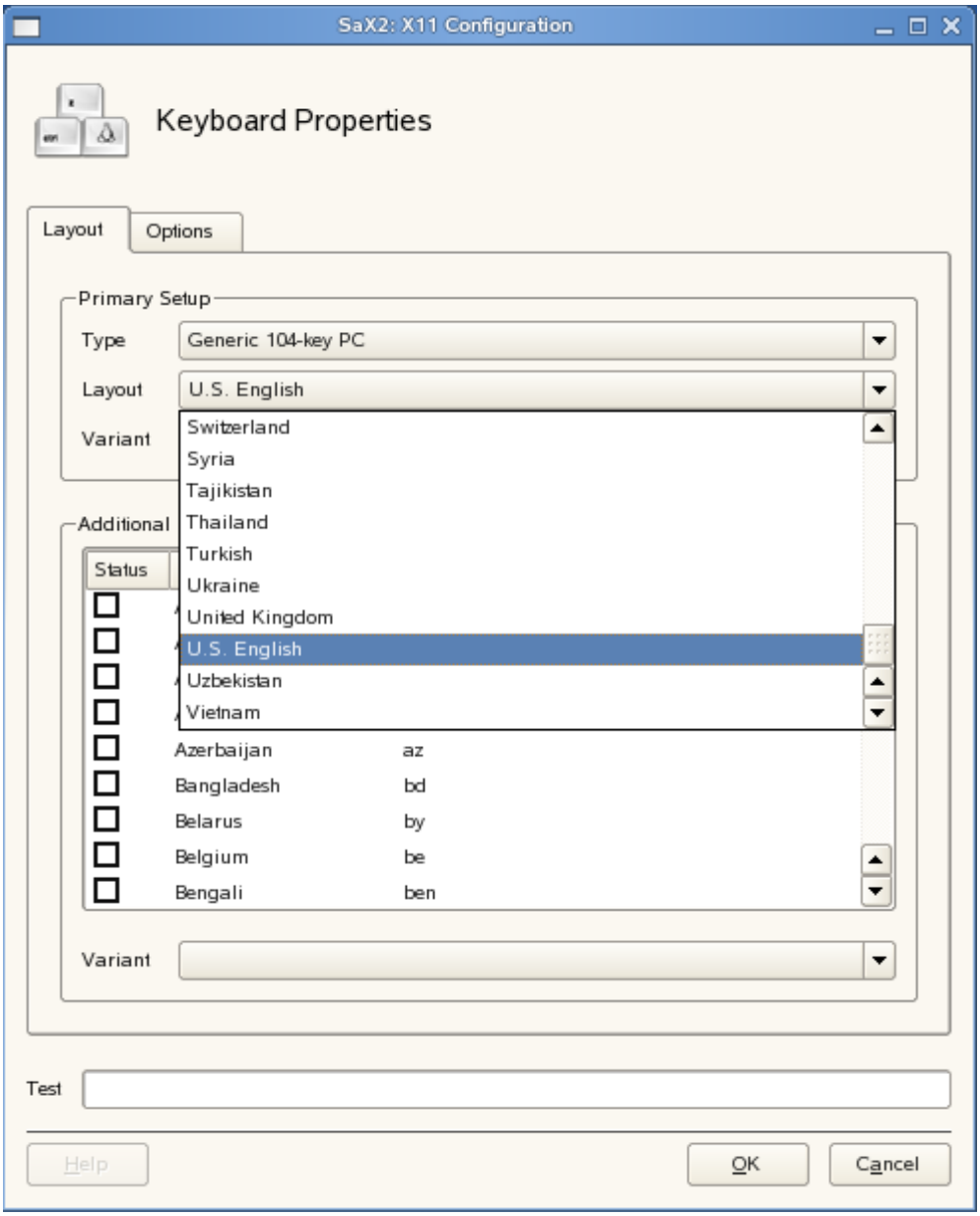
Click <OK> when you receive the confirmation message. You should have successfully logged in to the server desktop.

Change the Keyboard Layout

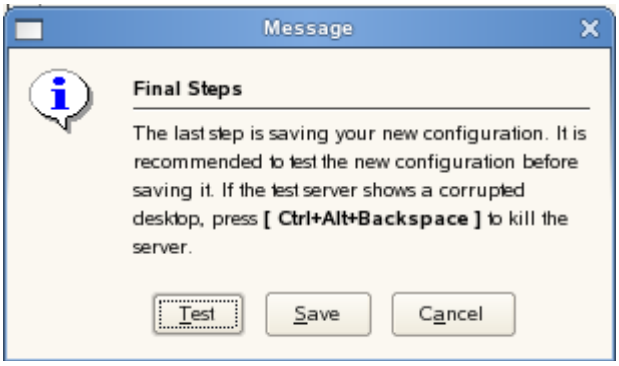
The keyboard layout has been set up for a US keyboard. If you are using another keyboard, you may want to select a keyboard layout appropriate for your environment. If you do not need to change the keyboard layout, skip to the next section.

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

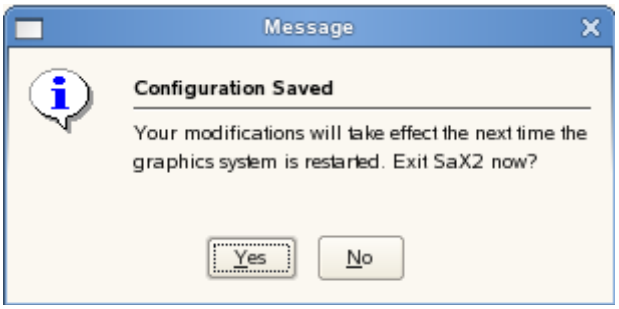
In the configuration tool, click the “Layout” drop-down list and select the keyboard you are using. Click <OK> to confirm your selection.



Click <Save>.



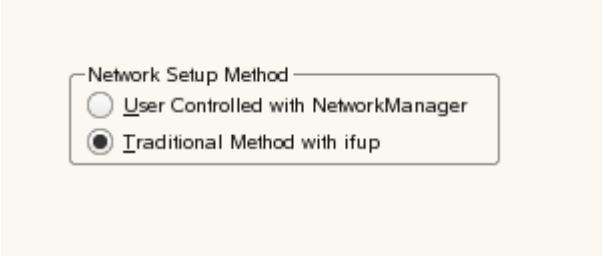
Click <Yes>. The keyboard layout settings will take effect immediately.



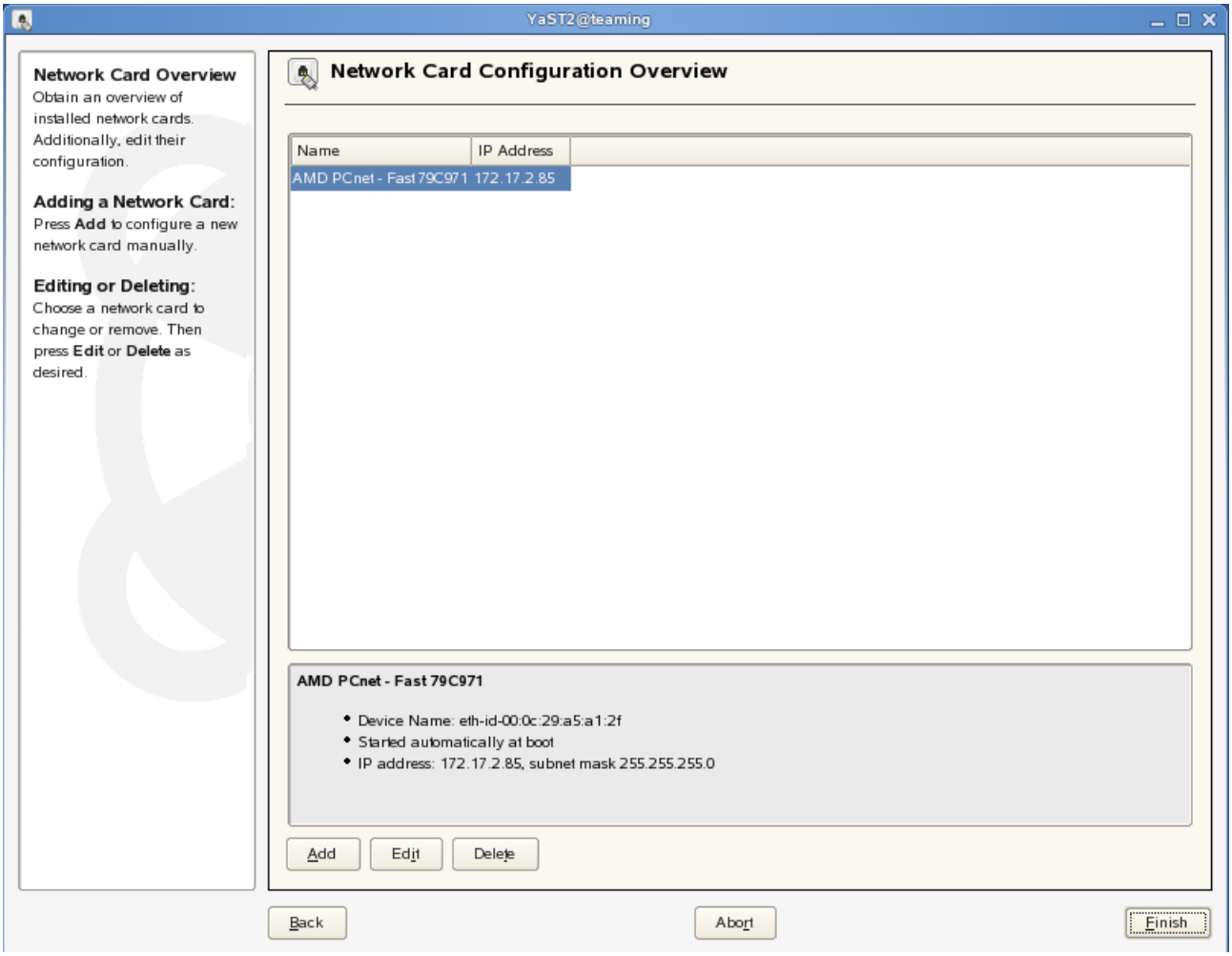
Change the IP Address

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.

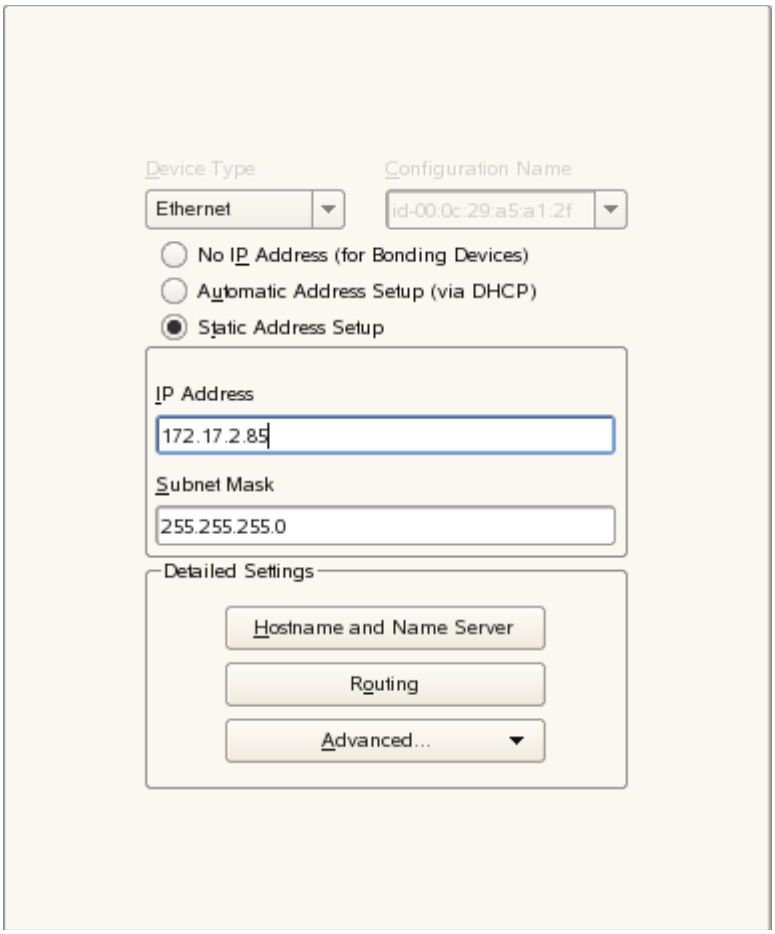
Select the option for “Traditional Method with ifup”, which should be selected by default. Click <Next>.



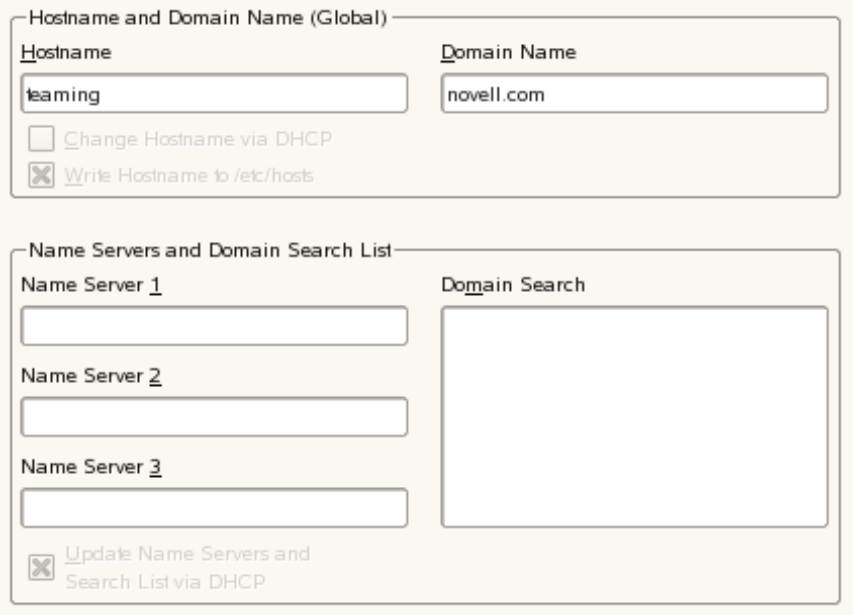
One network card should appear in the tool. Select this card, then click <Edit>.



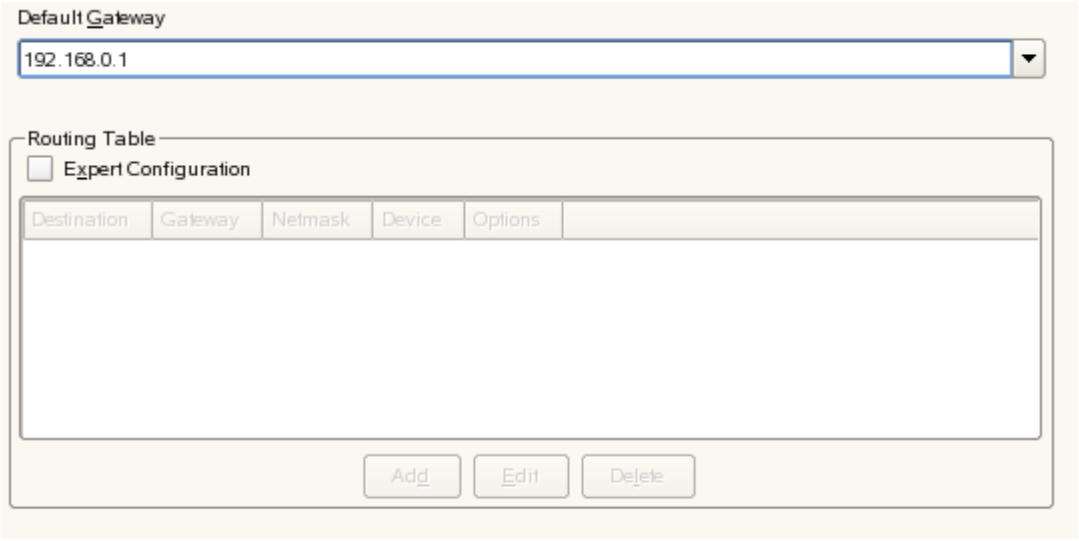
Enter the IP address and the subnet mask for this server. This information should be available from your Network Administrator.



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.



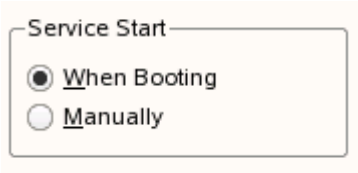
Click the ”Routing” button and enter the Default Gateway address. Click <OK> . Click <Next>, then <Finish> to confirm the new information.



Confirm Firewall Will Start When Booting

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

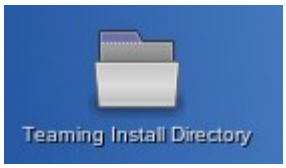
Confirm that the service is set to start when booting, then click <Next> and <Accept>.



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.

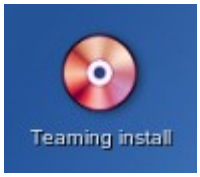
Click the “Teaming Install Directory” icon on the server desktop. This will display a directory view of the Teaming installation directory: */home/teaming-install*. Right click on the *license-key.xml* file. Select the option to rename the file, then rename it as *license-keyeval.xml*.



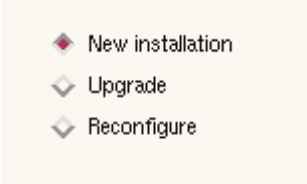
You now need to copy the license file you have been given to a file called *license-key.xml* in the Teaming Install Directory. This can be done in several ways. The easiest method is to copy the file from a USB drive. When you connect the USB drive to your VMware image, a window showing the contents 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

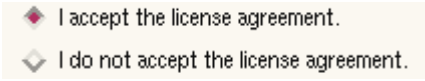
The Teaming install is a graphical installation program in which you can accept the default options on most pages. Click the “Teaming Install” icon on the server desktop.



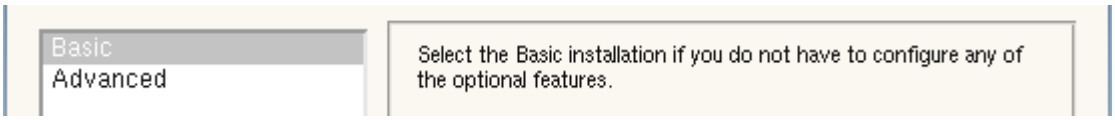
Select “New installation” and click <Next>.



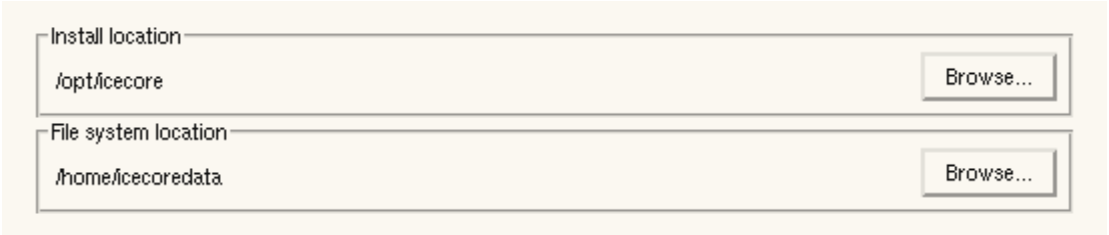
Read and accept the license agreement (if you agree to abide by it) and click <Next>.



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

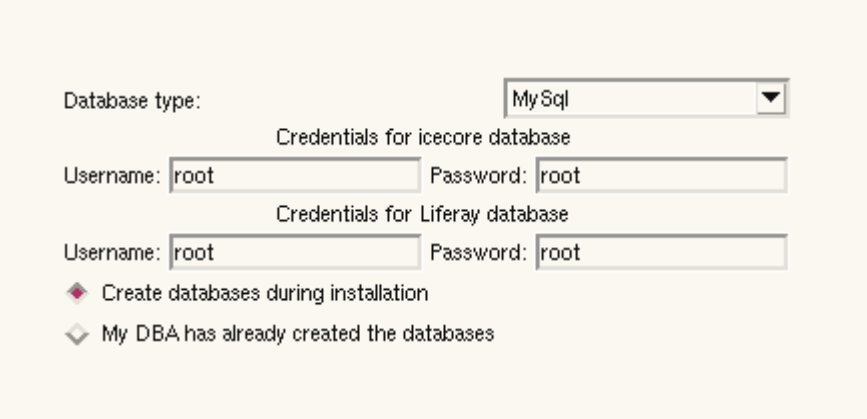


Leave the default install locations and click <Next>.

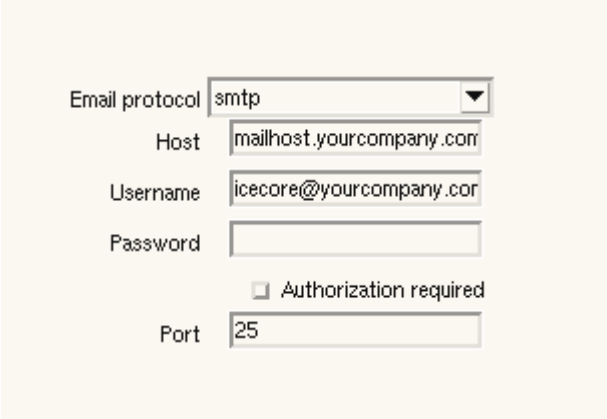


Enter “teaminguser” as the User ID (it is case sensitive) and type “teaminggroup” as the Group ID (also case sensitive). Click <Next.>

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



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.



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

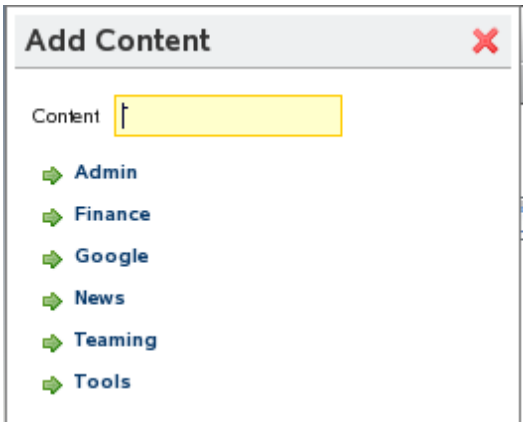
Once the server has restarted, it's time to log in to Novell Teaming for the first time. Launch a supported browser (Firefox is provided on the server desktop) and go to the server URL (or IP address if DNS isn't used). Enter the administrator login (“admin”) and the administrator default password (“admin”).

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.

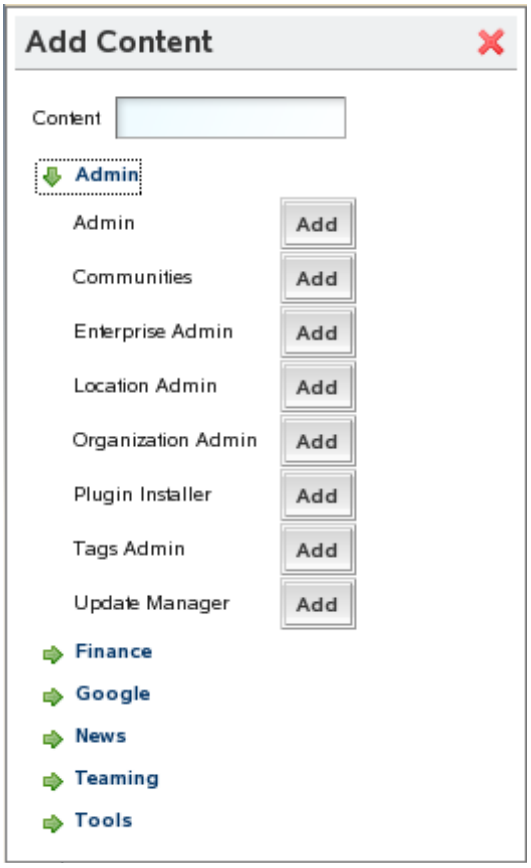
Setup the Administrative Portlets

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.

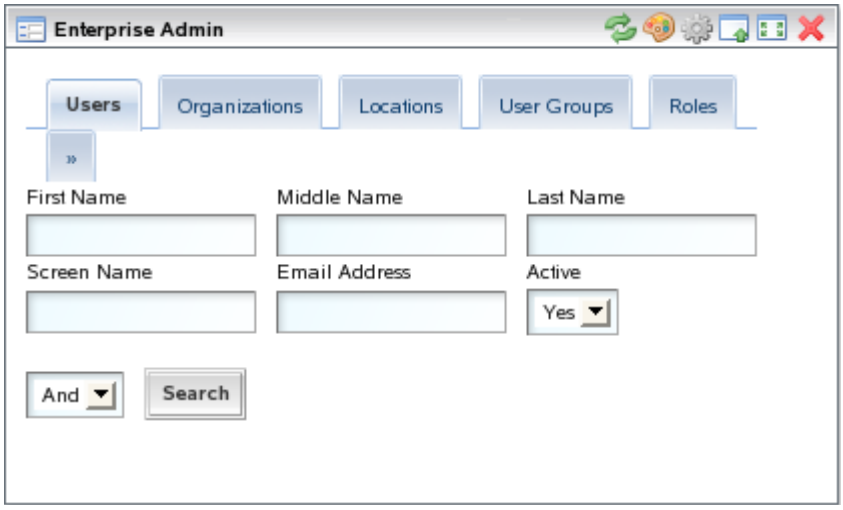
Once the “Add Content” menu displays, select the “Admin” option.



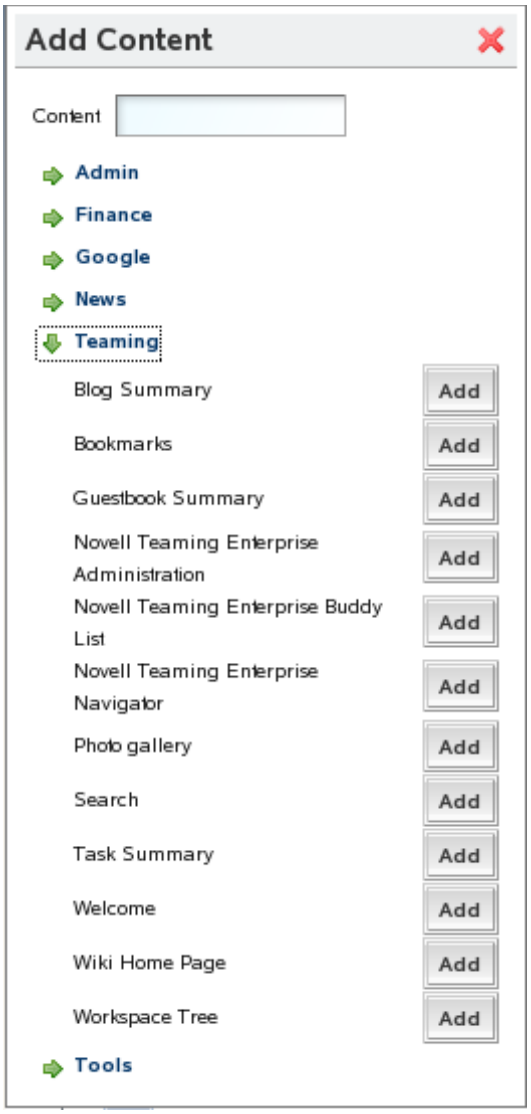
Now click “Add” next to the “Enterprise Admin” option.



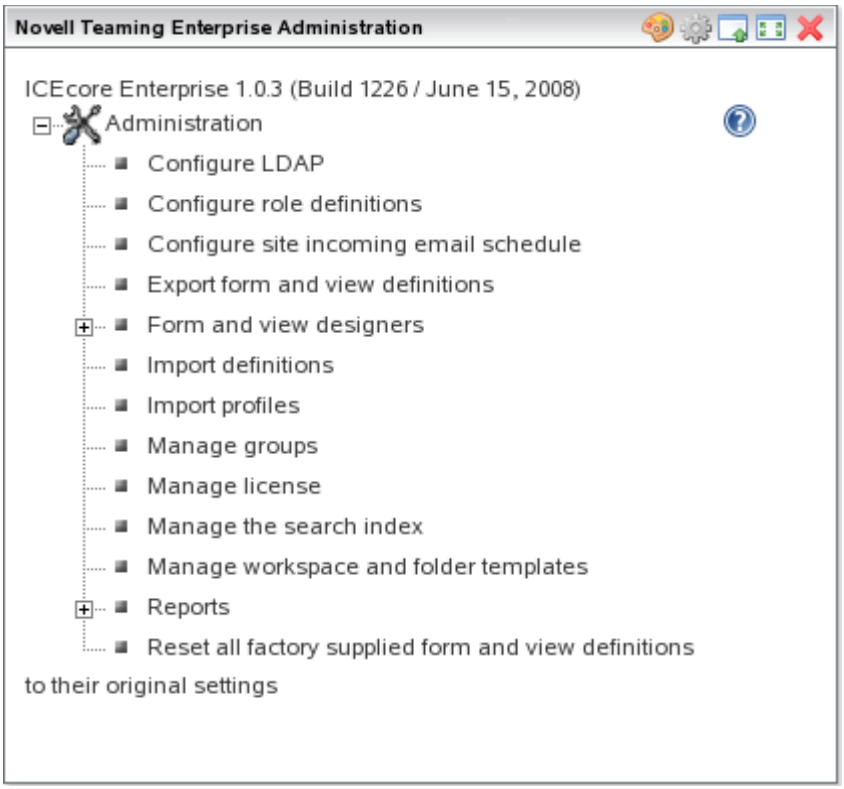
The Enterprise Admin portlet has now been added to the administrator's home page.



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

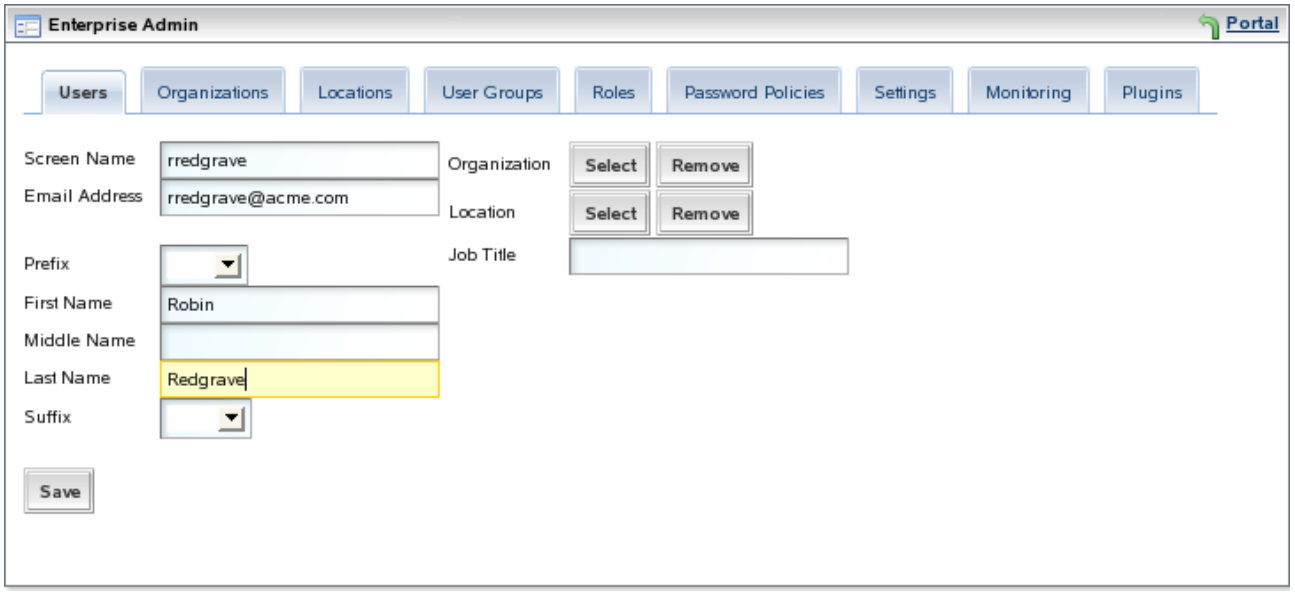


The Novell Teaming Enterprise Administration portlet has now been added to the administrator's home page.



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>.

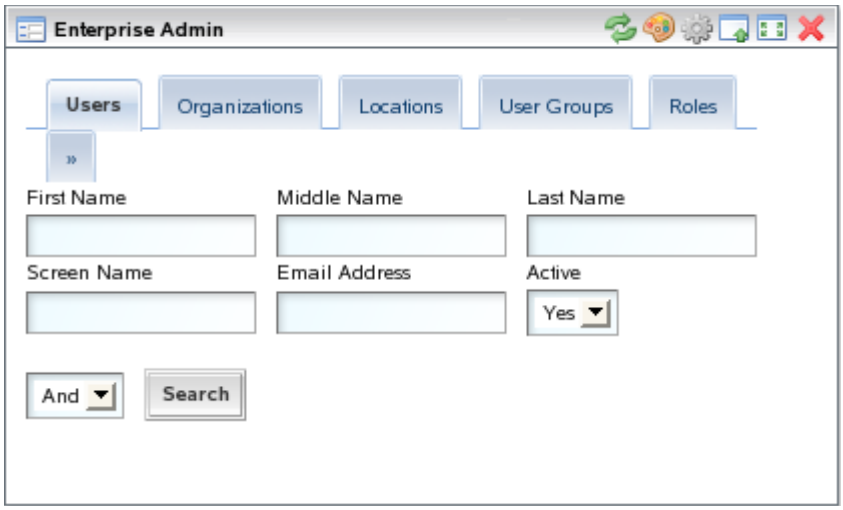
Type a password, then type it again to confirm it. If you want the user to enter a new password when they log in for the first time, check the “Password Reset Required” option. Click <Save> to create the user.

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

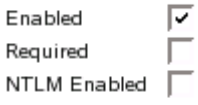
When users are authenticated against an LDAP directory, they will be automatically added to the Novell Teaming directory after their first successful login. Click the “>>” tab in the Enterprise Admin portlet.



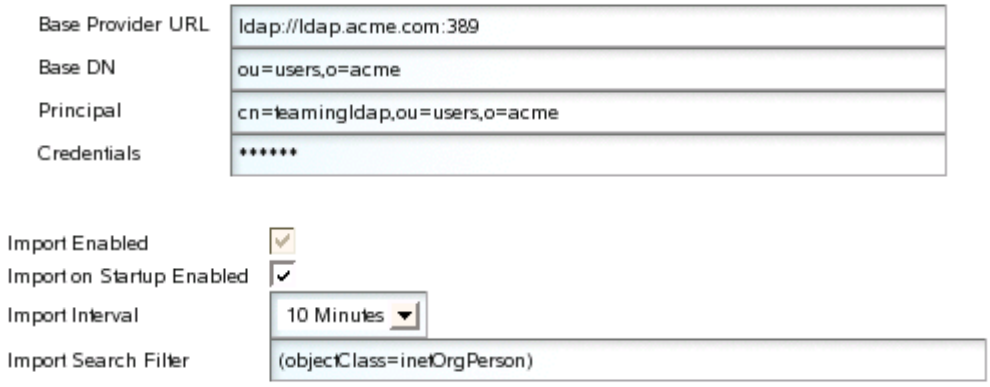
Select the “Settings” tab.

Now select the “Authentication” tab followed by the “LDAP” tab.

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



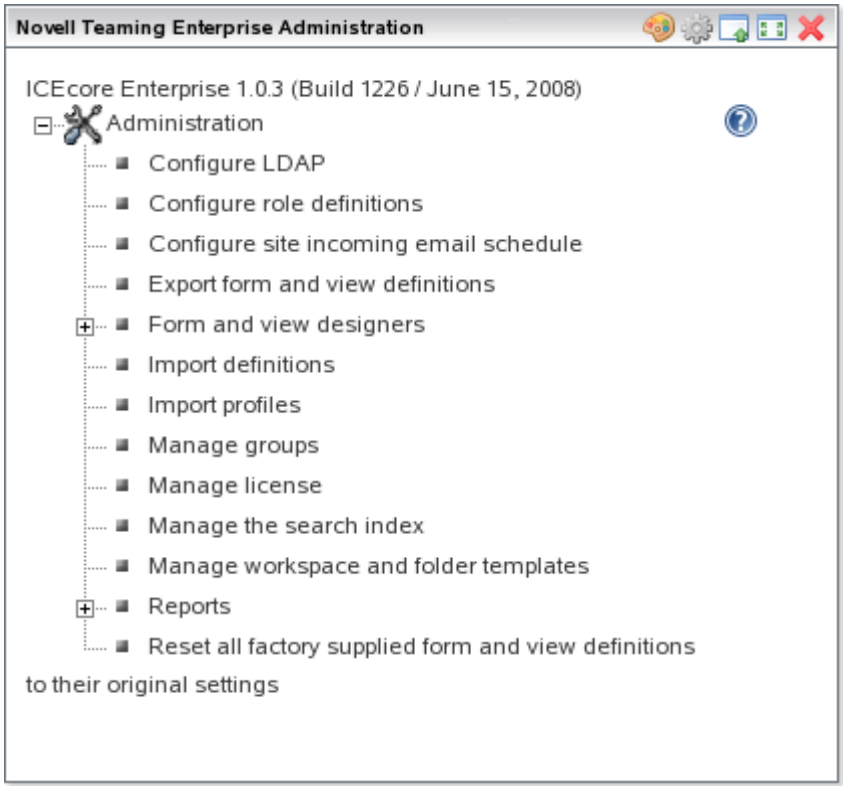
Enter the base provider URL using the following format: ldap://server:389. If you want to use secure LDAP, please see the Novell Support TID #3176104 . Type the Base DN indicating where the users are. For the Principal, enter the LDAP user that will be used to attach to the LDAP server. This is in LDAP 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 .



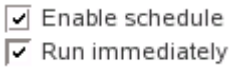
Click <Save>. You should see a message in green confirming that the principal user has successfully logged in to the LDAP directory. Now click <Close>.

Import and Synchronize LDAP Users

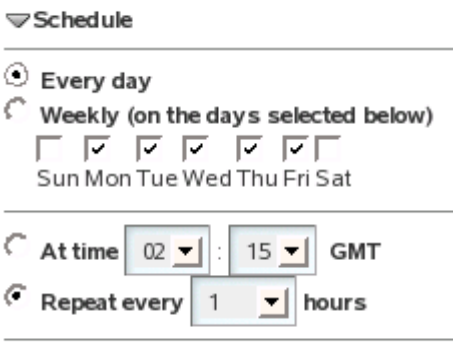
Since you cannot add users to teams or configure access controls until they have logged in, you may want to import users from the LDAP directory. This will enable you to assign rights before their first login. To do this, select the “Configure LDAP” option in the Novell Teaming Enterprise Administration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



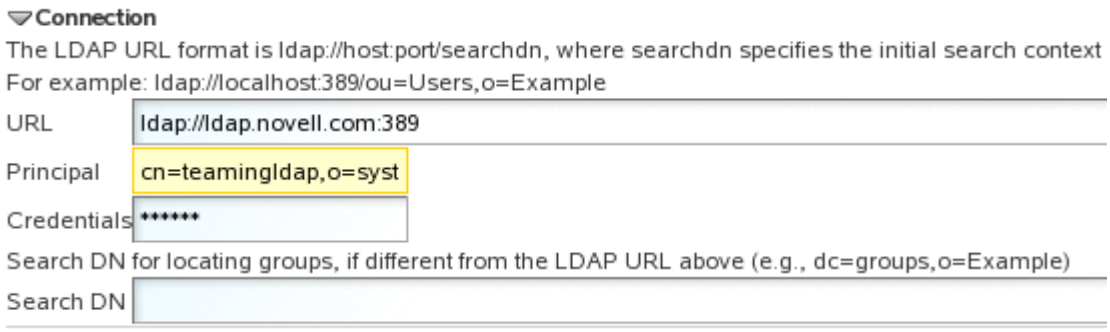
Check both the “Enable schedule” and “Run immediately” options.



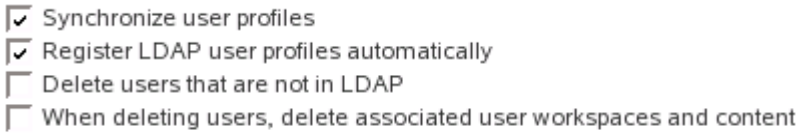
Expand the “Schedule” option and specify that it run “Every day”. Also, select a synchronisation time frame.



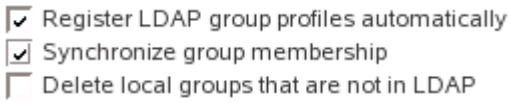
Expand the “Connection” option and type the LDAP URL using the following format: ldap://sever:389. If you like, you can append the base DN where users can be found in the form (example: ldap://sever: 389/ou=users,o=novell). Enter the LDAP user as the principal. This user must have rights to user objects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



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



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



CONCLUSION

Congratulations! You now have a fully functioning Novell Teaming systemand 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.