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BETA TECH®

INSTALACIÓN SERVER ARS  
CON SUSE LINUX ENTERPRISE  
SERVER 15 SP2  
(32 BITS)

WALMART

MARZO 2021



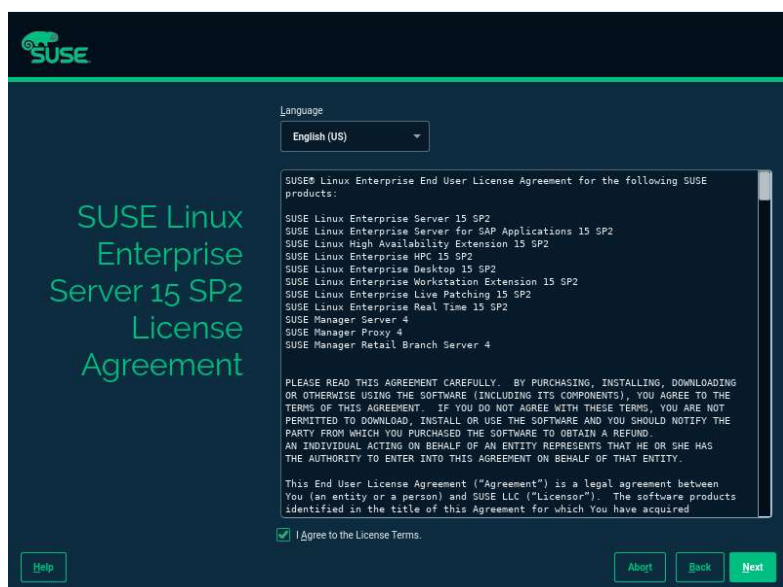
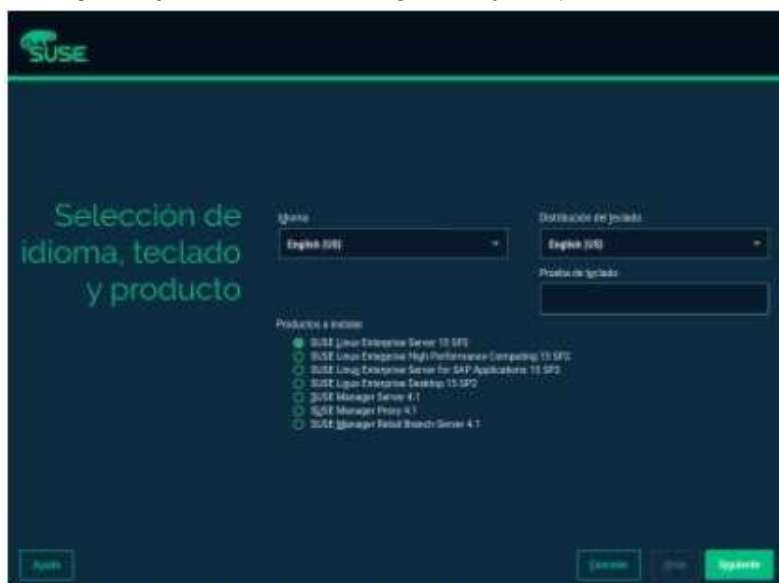
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## ÍNDICE

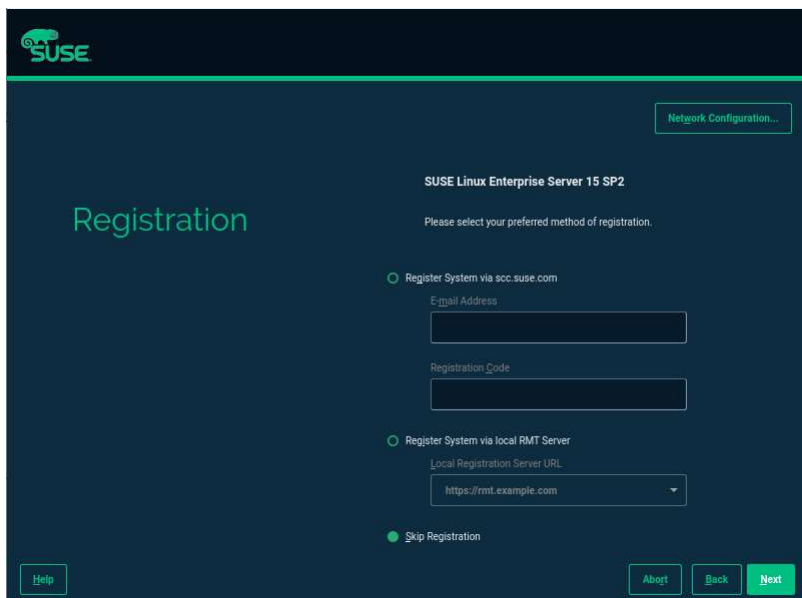
<b>ÍNDICE</b>	<b>2</b>
<b>Instalación server ARS con SUSE Linux Enterprise Server 15 SP2</b>	<b>3</b>
<b>RECURSOS DE BETA TECH</b>	<b>15</b>

# Instalación server ARS con SUSE Linux Enterprise Server 15 SP2

Una vez se haya seleccionado el idioma (Inglés) y la versión de Suse como se muestra en la imagen adjunta seleccionar siguiente y aceptar el acuerdo de licencia

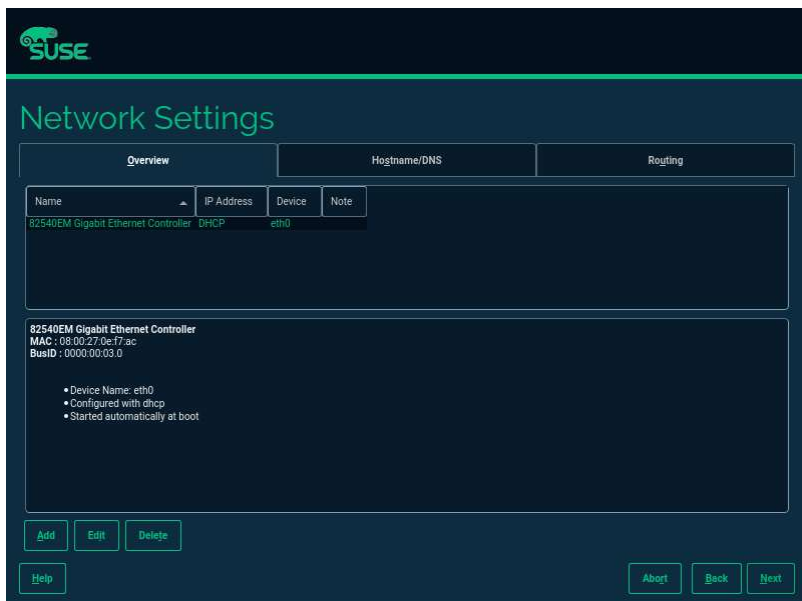


En la ventana de registro omitir el registro y seleccionar el cuadro en la esquina superior derecha “Network Configuration”



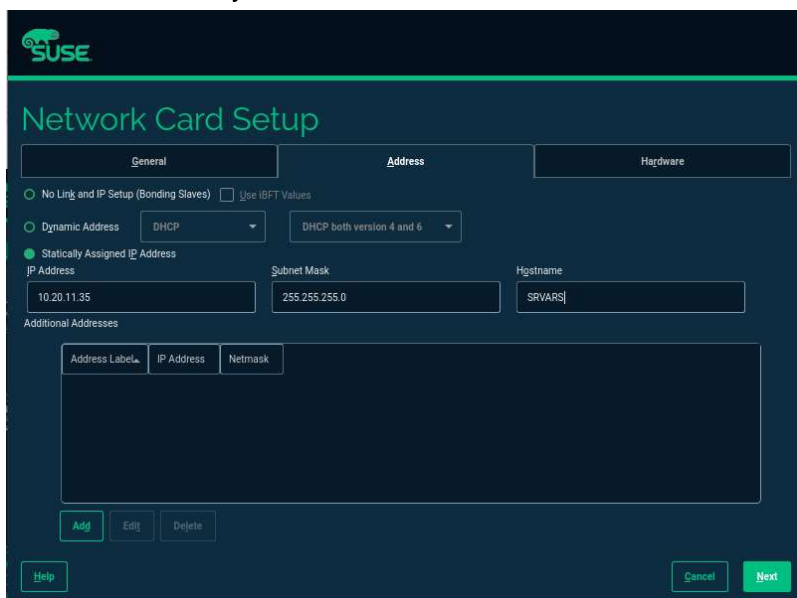
The screenshot shows the SUSE Linux Enterprise Server 15 SP2 Registration window. The title bar includes the SUSE logo and a 'Network Configuration...' button. The main content area is titled 'Registration' and asks the user to select a preferred method of registration. There are three radio button options: 'Register System via scc.suse.com' (with fields for Email Address and Registration Code), 'Register System via local RMT Server' (with a dropdown for Local Registration Server URL), and 'Skip Registration' (which is selected). At the bottom, there are buttons for 'Help', 'Abort', 'Back', and 'Next'.

En la ventana de “Network Settings” seleccionar el botón de “Add” para agregar la ip estática



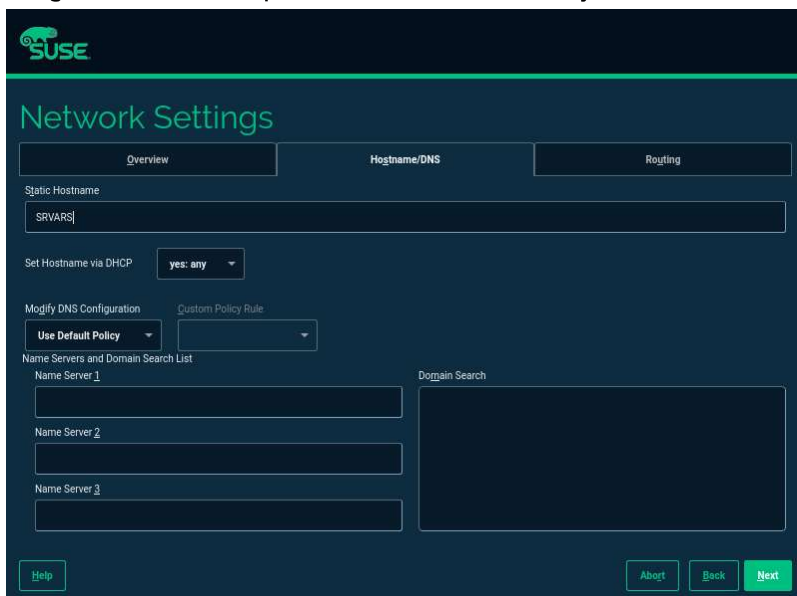
The screenshot shows the SUSE Linux Enterprise Server 15 SP2 Network Settings window. The title bar includes the SUSE logo. The main content area is titled 'Network Settings' and has three tabs: 'Overview', 'Hostname/DNS', and 'Routing'. The 'Overview' tab is active, showing a table with columns 'Name', 'IP Address', 'Device', and 'Note'. The table contains one entry: '82540EM Gigabit Ethernet Controller' with 'DHCP' in the IP Address column and 'eth0' in the Device column. Below the table, there is a detailed view of the selected device, showing its MAC address, BusID, and configuration details. At the bottom, there are buttons for 'Add', 'Edit', 'Delete', 'Help', 'Abort', 'Back', and 'Next'.

Seleccionar la opción “Statically Assigned IP Address”, ingresar la ip del servidor a crear, la máscara de la red y el hostname del servidor



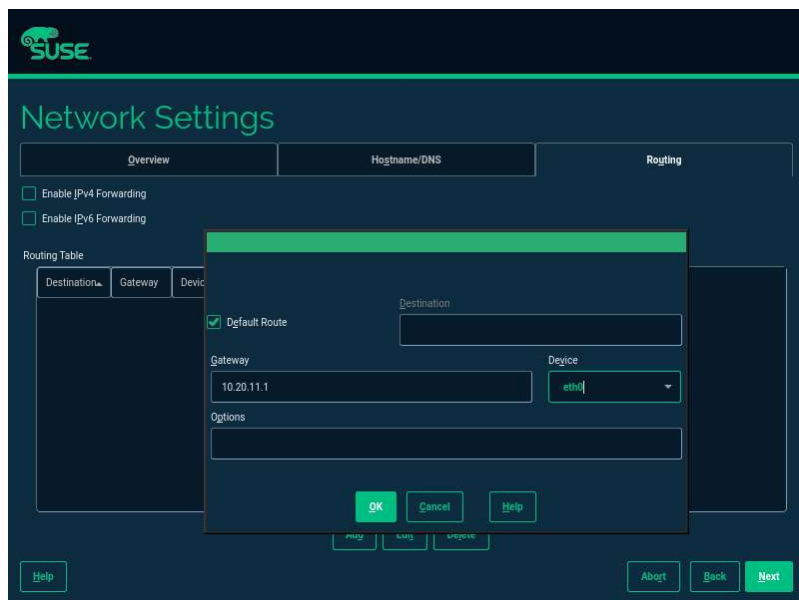
The screenshot shows the 'Network Card Setup' window with the 'Address' tab selected. The 'Statically Assigned IP Address' option is selected. The IP Address field contains '10.20.11.35', the Subnet Mask field contains '255.255.255.0', and the Hostname field contains 'SRVARS'. There is a section for 'Additional Addresses' with columns for 'Address Label', 'IP Address', and 'Netmask'. At the bottom, there are buttons for 'Add', 'Edit', 'Delete', 'Help', 'Cancel', and 'Next'.

Luego seleccionar la pestaña “HostnameDNS” y colocar el nombre del servidor de ARS



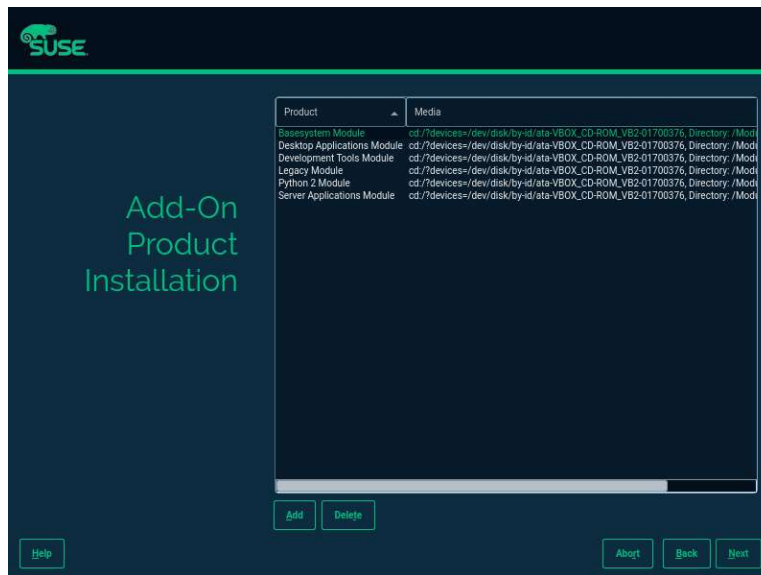
The screenshot shows the 'Network Settings' window with the 'Hostname/DNS' tab selected. The 'Static Hostname' field contains 'SRVARS'. The 'Set Hostname via DHCP' dropdown is set to 'yes: any'. The 'Modify DNS Configuration' section shows 'Use Default Policy' selected. Below this, there are fields for 'Name Server 1', 'Name Server 2', and 'Name Server 3', and a 'Domain Search' field. At the bottom, there are buttons for 'Help', 'Abort', 'Back', and 'Next'.

De ahí seleccionar la pestaña “Routing” y configurar el gateway de la red, además de la tarjeta de red correcta (eth0), ok y después Next.

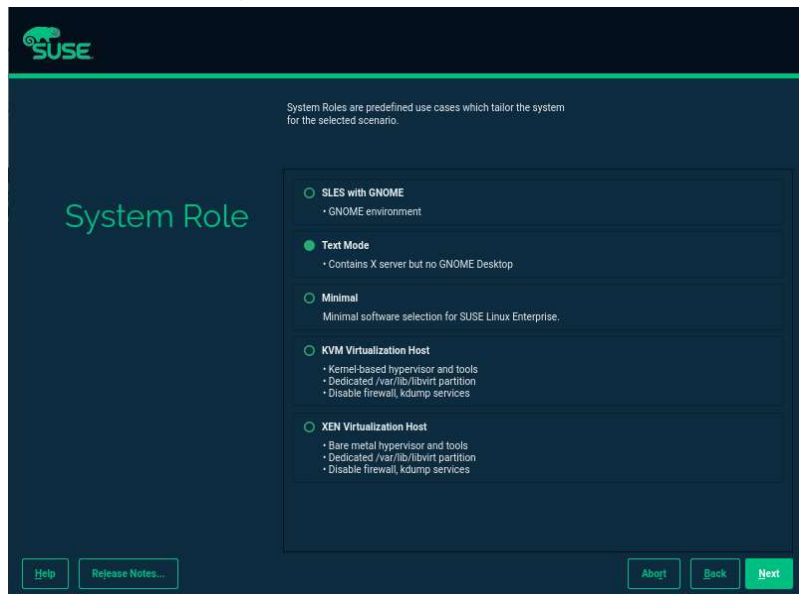


Se seleccionan los siguientes 4 módulos para su instalación:

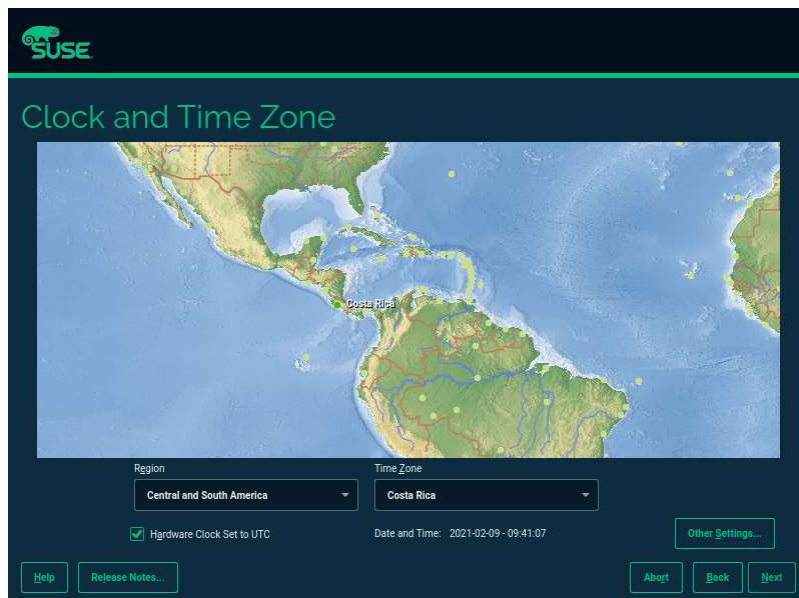
- Basesystem Module
- Desktop Applications Module
- Development Application Module
- Legacy Module
- Python 2 Module
- Server Application Module



En la ventana de System Role seleccionar el “text Mode”



Se añade la zona horaria

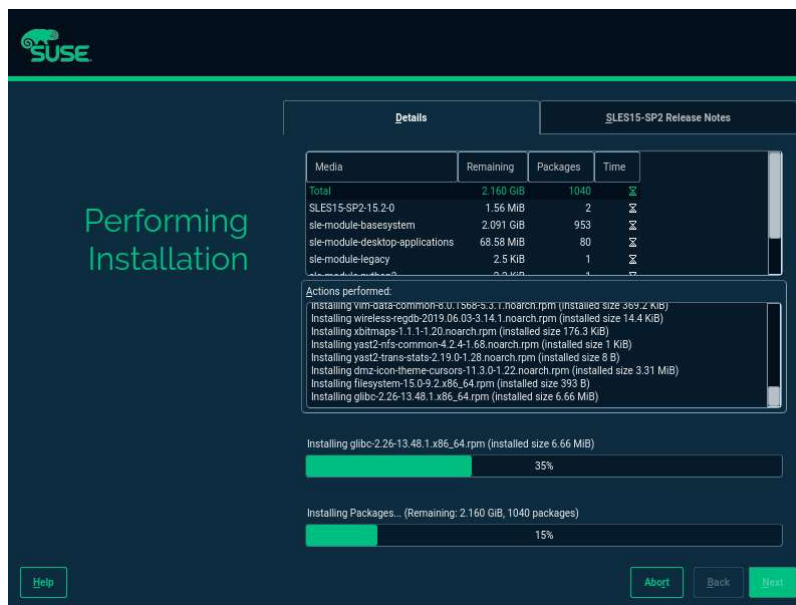
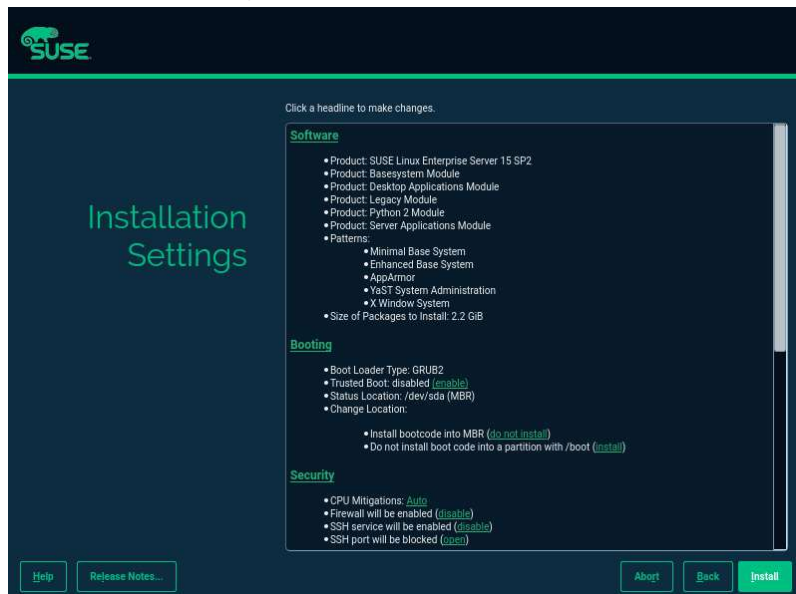




Se omite la creación de usuario

Se agrega la contraseña de root

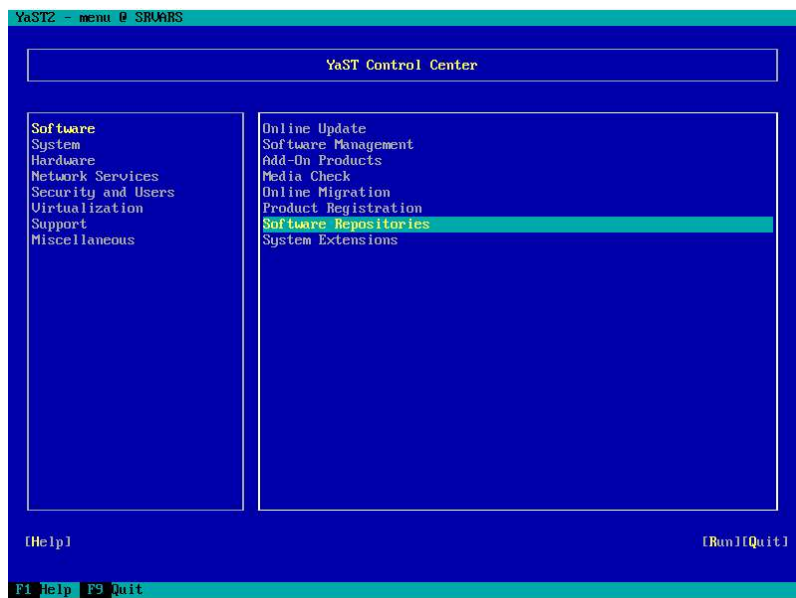
Se validan las configuraciones del sistema operativo e inicia la instalación



Una vez ingresado al servidor correr los siguientes comandos para bajar el firewall y así habilitar el acceso por ssh:

```
root # systemctl stop firewalld.service
root # systemctl disable firewalld.service
Removed /etc/systemd/system/multi-user.target.wants/firewalld.service
Removed /etc/systemd/system/dbus-org.fedoraproject.FirewallD1.service
root # systemctl status firewalld.service
● firewalld.service - firewalld- dynamic firewall daemon
   Loaded: loaded (/usr/lib/systemd/system/firewalld.service;
   disabled; vendor preset: disabled)
   Active: inactive (dead)
     Docs: man:firewalld(1)
```

En la terminal poner el comando `yast2` para ingresar a la consola, una vez dentro seleccionar la opción "Software Repositories"



[illegible]

```

YaST2 - menu @ SROARS

```

YaST Control Center	
<b>Software</b> System Hardware Network Services Security and Users Virtualization Support Miscellaneous	Online Update <b>Software Management</b> Add-On Products Media Check Online Migration Product Registration Software Repositories System Extensions

[Help]

[Run][Quit]

F1 Help F9 Quit

En la opción search colocar pam, presionar enter y seleccionar todas las opciones de pam en 32 bits como lo indican las siguientes imágenes:

```
YaST2 - sw_single @ localhost

lqqqqqqqqqqqqqqqqqqqqqqqqqqkllqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
xFilter                xx          xName                xSummary
xSearchaaaaaaaaaaaaaa↓xx i      xpam                xA Secux
xlqqqqqqqqqqqqqqqqqqqqqqqqqqkxx i      xpam-32bit        xA Secuw
xxSearch Phrase        xxx i      xpam-config        xModifyx
xxpamaaaaaaaaaaaaaaaaxxx i      xpam-devel        xIncludv
xx[x] Ignore Case      xxx i      xpam-devel-32bit   xIncludx
xx                    xxx        xpam-doc          xDocumex
xxSearch Mode          xxx        xpam-extra        xPAM mox
xxContainsaaaaaa↓     xxx i      xpam-extra-32bit   xPAM mox
xx                    xxx        xpam-modules       xAdditix
xmqqqqqqqqqqqqqqqqqqqqqqqqqqjxx i      xpam-modules-32bit xAdditix
mqqqqqqqqqqqqqqqqqqqqqqqqqjmtqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
36 packages found      Package: pam-devel-32bit          [Actions↓]
lSearch in qqqqqqqqqqqqqkllqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
x[x] Name of the Package qxpam-devel-32bit - Include Files and Libraries for q
x[x] Summary            xxPAM-Development                x
x[ ] Keywords           xx                               x
mtqqqqqqqqqqqqqqqqqqqqqqqqqqjmtqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
[Help↓]                [Cancel] [Accept]

F1 Help  F9 Cancel  F10 Accept
```

```
YaST2 - sw_single @ localhost

lqqqqqqqqqqqqqqqqqqqqqqqqqqkllqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
xFilter                xx          xName                xSummary
xSearchaaaaaaaaaaaaaa↓xx i      xpam_apparmor-32bit xPAM mox
xlqqqqqqqqqqqqqqqqqqqqqqqqqqkxx i      xpam_krb5          xA Plugx
xxSearch Phrase        xxx i      xpam_krb5-32bit    xA Plugx
xxpamaaaaaaaaaaaaaaaaxxx i      xpam_ldap          xA PAM x
xx[x] Ignore Case      xxx i      xpam_ldap-32bit    xA PAM w
xx                    xxx        xpam_mount         xA PAM x
xxSearch Mode          xxx i      xpam_mount-32bit   xA PAM v
xxContainsaaaaaa↓     xxx        xpam_pkcs11        xPKCS #x
xx                    xxx i      xpam_pkcs11-32bit  xPKCS #x
xmqqqqqqqqqqqqqqqqqqqqqqqqqqjxx        xpam_radius        xA PAM x
mqqqqqqqqqqqqqqqqqqqqqqqqqjmtqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
36 packages found      Package: pam_ldap-32bit          [Actions↓]
lSearch in qqqqqqqqqqqqqkllqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
x[x] Name of the Package qxpam_ldap-32bit - A PAM Module for LDAP      q
x[x] Summary            xxAuthentication                x
x[ ] Keywords           xx                               x
mtqqqqqqqqqqqqqqqqqqqqqqqqqqjmtqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
[Help↓]                [Cancel] [Accept]

F1 Help  F9 Cancel  F10 Accept
```



```
YaST2 - sw single @ localhost

lqqqqqqqqqqqqqqqqqqqqqqqqkllqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
xFilter                                xx      xName                        xSummary
xSearchaaaaaaaaaaaaaaaix i    xpam_pkcs11-32bit                xPKCS #x
xlqqqqqqqqqqqqqqqqqqqqqqqqkxx      xpam_radius                  xA PAM x
xxSearch Phrase                      xxx     xpam_snapper                 xPAM mox
xxpamaaaaaaaaaaaaaaaaxxx           xpam_ssh                     xPAM Mox
xx[x] Ignore Case                    xxx     i xpam_ssh-32bit             xPAM Mox
xx                                  xxx     xpam_u2f                    xU2F aux
xxSearch Mode                       xxx     xpam_yubico                 xYubicow
xxContainsaaaaaaixxxx              xperl-Mail-SpamAssassin     xPerl Mx
xx                                  xxx     xperl-Mail-SpamAssassin-Plugin-iXhash2xThe iXv
xmqqqqqqqqqqqqqqqqqqqqqqqqjxx      xspmassassin                xExtensx

mqqqqqqqqqqqqqqqqqqqqqqqqjmtqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
36 packages found                   Package: pam_ssh-32bit          [Actions]
lSearch in qqqqqqqqqqqqqkllqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqk
x[x] Name of the Package qx       pam_ssh-32bit - PAM Module for SSH Authentication q
x[x] Summary                    gx                                     x
x[ ] Keywords                   xxVersion: 2.1-2.27 Installed: 2.1-2.27 x

mtqqqqqqqqqqqqqqqqqqqqqqqjmqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqqj
[Help:]                             [Cancel] [Accept]
```

F1 Help F9 Cancel F10 Accept

Una vez ingresado colocar el la ventana de “Search Phrase”: **net-tools**, una vez reflejado en el cuadro de la derecha se selecciona el paquete **net-tools-deprecated**, presionamos enter y luego F10.

YaST2 - sw\_single -> SWMS

[Dependencies+] [View+] [Configuration+] [Extras+]

Filter

Search

Search Phrase  
net-tools

[x] Ignore Case

Search Mode  
Contains

i	Name	Summary	a
	net-tools	Important Programs for Networking	0
+	net-tools-deprecated	Deprecated Networking Utilities	2
i	net-tools-lang	Translations for package net-tools	

3 packages found

Search in

[x] Name of the Package

[x] Summary

[ ] Remarks

[ ] Description (time-consuming)

[ ] Provides

[ ] Required by

Package: net-tools-deprecated [Actions+]

net-tools-deprecated - Deprecated Networking Utilities

Version: 2.0+git20170221.479bb4a-3.11

Size: 460.1 KiB

Media No.: 1

License: GPL-2.0-or-later

Source Package: net-tools-2.0+git20170221.479bb4a-3.11

[Help+] [Cancel] [Accept]

F1 Help F9 Cancel F10 Accept

```

YaST2 - sw_single @ SRUARS
Installation Report

Installation Successfully Finished

Packages
* Installed Packages: 1
  net-tools-deprecated

Statistics
* Elapsed Time: 00:01
* Total Installed Size: 460.1 KiB

Details
* Installation log

After Installing Packages
Show This Report
[ Help ] [Continue] [Abort] [ Finish ]

F1 Help F8 Continue F9 Abort F10 Finish
  
```

Validamos la instalación del paquete utilizando el comando `ifconfig`

```
root # ifconfig
```

Luego en la misma terminal proceder a correr el siguiente comando para habilitar la carga de librerías en 32 bits:

```
root # zypper in -t pattern 32bit
```

## RECURSOS DE BETA TECH

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