

En esta ocasión mostramos el proceso de instalación y de configuración de uno de los nuevos elementos de XenServer 5.6. FP1, concretamente XenServer Web Self Service, con este nuevo appliance virtual, podremos manejar y acceder a nuestras VMs mediante el uso de un navegador, aún en su fase Beta, podemos indicar que se trata de un gran avance, ya que nos permitirá el poder gestionar un Pool de servidores XenServer desde cualquier lugar y dispositivo.

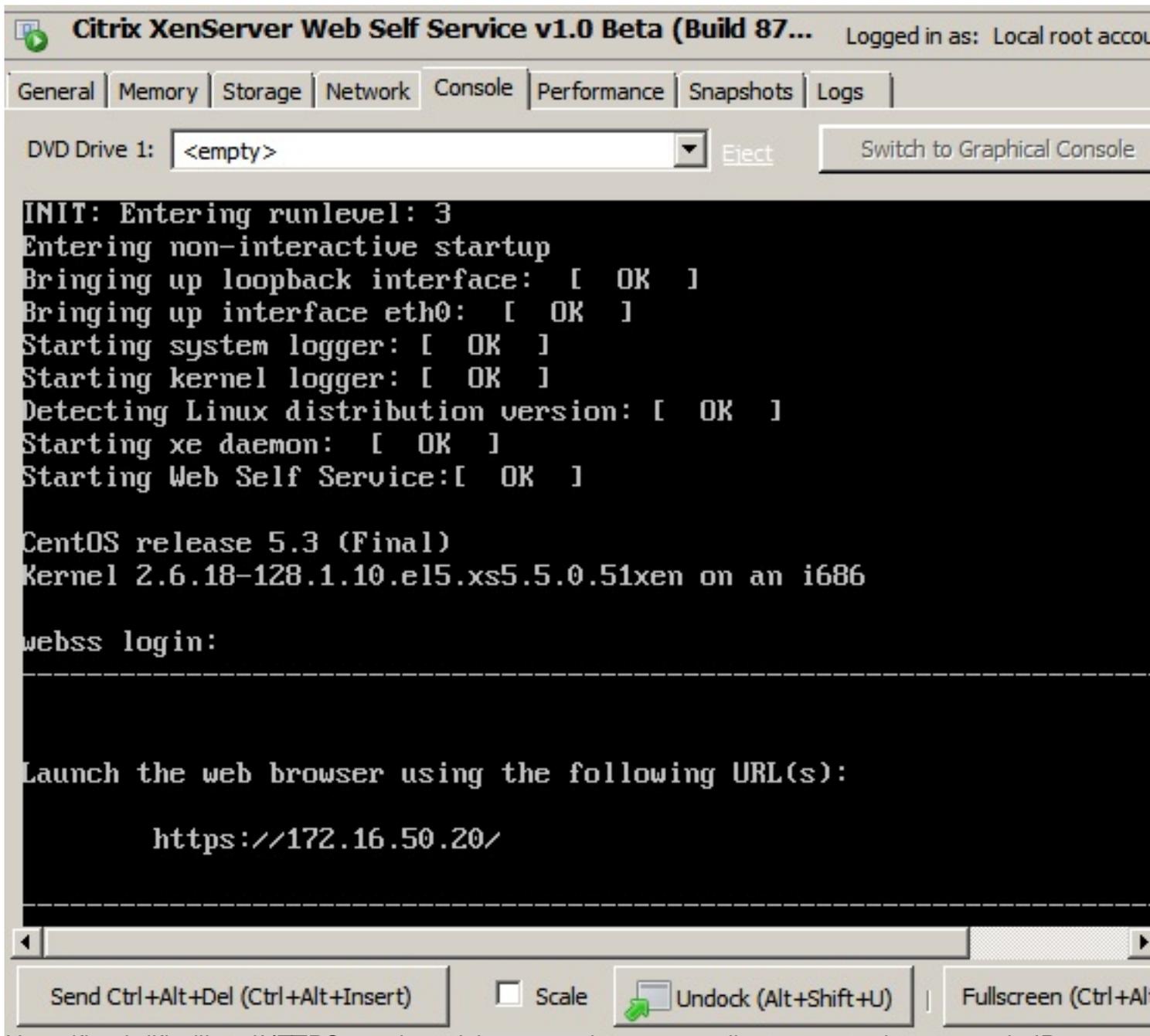
Los requerimientos que vamos a necesitar son 256MB de RAM, 1 GB de espacio en disco, y el uso de un navegador Firefox 3.x, Chrome 4.x, Safari 4.x he Internet Explorer 7.x, hemos realizado el test con IE 8 y el resultado ha sido satisfactorio.

Una vez realizada la carga, del VPX, mediante el proceso de importación, especificaremos una IP fija a dicho appliance, para ello editaremos el fichero ifcfg-eth0, contenido en `/etc/sysconfig/network-scripts/`

XenServer Web Self Service

Escrito por xavisan

Lunes, 11 de Octubre de 2010 09:32 - Actualizado Lunes, 11 de Octubre de 2010 10:02



The screenshot shows the Citrix XenServer Web Self Service v1.0 Beta (Build 87...) interface. The top bar indicates the user is logged in as 'Local root account'. Below the title bar are tabs for 'General', 'Memory', 'Storage', 'Network', 'Console', 'Performance', 'Snapshots', and 'Logs'. The 'Console' tab is active, displaying a terminal window with the following output:

```
DVD Drive 1: <empty> Eject Switch to Graphical Console

INIT: Entering runlevel: 3
Entering non-interactive startup
Bringing up loopback interface: [ OK ]
Bringing up interface eth0: [ OK ]
Starting system logger: [ OK ]
Starting kernel logger: [ OK ]
Detecting Linux distribution version: [ OK ]
Starting xe daemon: [ OK ]
Starting Web Self Service:[ OK ]

CentOS release 5.3 (Final)
Kernel 2.6.18-128.1.10.el5.xs5.5.0.51xen on an i686

webss login:

-----

Launch the web browser using the following URL(s):

https://172.16.50.20/

-----
```

At the bottom of the console window, there are several control buttons: 'Send Ctrl+Alt+Del (Ctrl+Alt+Insert)', 'Scale', 'Undock (Alt+Shift+U)', and 'Fullscreen (Ctrl+Alt+...)'.

especificado en el archivo de configuración. Inicializamos el servicio, y accederemos mediante nuestro browser, a la IP



There is a problem with this website's security certificate.

The security certificate presented by this website was not issued by a trusted certificate authority.
The security certificate presented by this website was issued for a different website's address.

Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server.

We recommend that you close this webpage and do not continue to this website.

 [Click here to close this webpage.](#)

 [Continue to this website \(not recommended\).](#)

 [More information](#)

Pulsaremos en Continuar con este website

XenServer Web Self Service BETA

Welcome to XenServer Web Self Service

XenServer Web Self Service lets you share your VMs with individual users and provides them simple web access to the VMs.

See [Help](#) for more details.

Click the Start button to setup the product.

 **Start**

Accediendo a la opción de configuración inicial, pulsaremos Start, para empezar,

Setup: Step 1 of 2

Please choose a password for the administrator:

Login:

Password:

Password Strength: **Weak**

Confirm Password:

Set Appliance Password:

The appliance 'root' login password will be changed to have this password.

[Next](#)

Especificaremos las credenciales de admin, y pulsaremos Next

Setup: Step 2 of 2

Please choose the user authentication method.

WARNING: You cannot change this setting later.

User Authentication: Built-in Users
You must create users in XenServer Web Self Service.

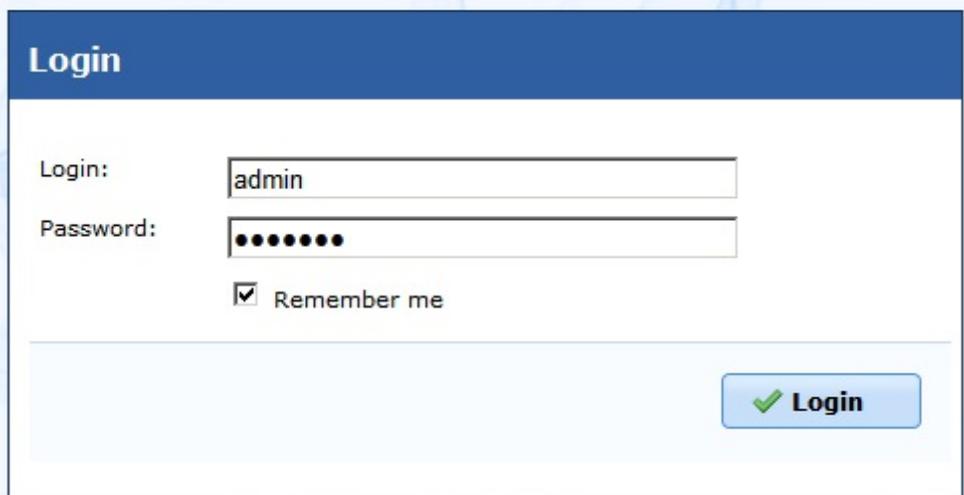
Active Directory (via XenServer)
You must use a XenServer pool that is joined to a Domain.

[Finish](#)

Si por default las opciones ya están marcadas como Finalizo VMS, es nuestro caso, crearemos Web Self



Pulsando a continuación Login



Especificamos las credenciales y pulsaremos en Login (desmarcando la check box de

XenServer Web Self Service *BETA* Welcome Local Admin | ⓘ

Overview

- Workspace

Manage

- Pools
- Users
- Install Checklist**
- Task Logs
- Settings
- Appliance

© Citrix Systems, Inc.

Installation Checklist

Important Steps

- 1. Add Pool 0%
- 2. Add User 0%
- 3. Share a VM with User 0%

Optional Steps

- 1: Configure Static IP Address for Web Self Service
- 2: Configure VM Requests framework

Accediendo a la ventana de configuración,

The screenshot shows the 'Appliance Management' section of the XenServer Web Self Service interface. On the left is a navigation sidebar with 'Manage' options: Pools, Users, Install Checklist, Task Logs, Settings, and Appliance (highlighted). The main content area is divided into several sections: 'Server Information' (Version: XenServer Web Self Service 1.0 Beta (Build 8733), Time: Wed, 06 Oct 2010 11:46:04 UTC, Hostname: webss, User Sessions: View), 'Networking' (Listening Interface: All Interfaces / All IP Addresses, Interface eth0: 172.16.50.20 (Static)), 'Backup and Restore' (Backup: Database and Crypto file, Backup Now, Restore), and 'Support' (Support Logs: Available, Download, Database Type: SQLite). A watermark 'Enlace de inicio de sesión de XenServer Web Self Service' is visible across the middle. The footer shows 'XenServer Web Self Service BETA' and 'Welcome Local Admin'.

The screenshot shows the 'Pools' management section. A yellow warning banner at the top states: 'Warning: There are no XenServer pools being managed by this server. Please add a pool.' Below this is a 'Pools' header with a play button and an 'Add' button (highlighted with a red box). Underneath is a table with columns: Pool Name, Pool Master, Status, and Memory Usage. The table currently shows '0 Pool(s)'. The left sidebar is identical to the previous screenshot, with 'Pools' highlighted under 'Manage'. The footer shows '© Citrix Systems, Inc.' and 'Welcome Local Admin'.

En el menú de inicio de sesión de XenServer Web Self Service, clicamos en "Add", para añadir nuestro Pool de servidores XenServer para ser administrados.

Overview

- Workspace

Manage

- Pools**
- Users
- Install Checklist
- Task Logs
- Settings
- Appliance

Add Pool

Pool Master Server: *

Enter the host name or IP address

Pool Login: *

This login should have the "Pool Admin" role in XenServer.

Pool Password: *

© Citrix Systems, Inc.

Overview

- Workspace

Manage

- Pools**
- Users
- Install Checklist
- Task Logs
- Settings
- Appliance

Info

Pool "172.16.50.201" successfully added.

Pools

Pool Name	Pool Master	Status	Memory Usage	Details
172.16.50.201	172.16.50.201 Name: N/A	Loading VM Info	N/A	Config: M HA: M Domain: M

1 Pool(s)

Una vez añadido, dispondremos de nuestro servidor añadido al pool, para poder ser gestionado

Overview

Workspace

Manage

Pools

Users

Install Checklist

Task Logs

Settings

Appliance

Pools

Pool Name	Pool Master	Status	Memory Usage	Details
xenserver-01			11.9 GB free of 16.0 GB total	Config: 8 C HA: Not En Domain: Not Jo

1 Pool(s)

- Edit
- Scan ISOs
- Tags
- Disconnect
- Remove
- View Details
- View Task Logs
- View Diagnostics

© Citrix Systems, Inc.

XenServer Web Self Service **BETA** Welcome Local Admin

Overview

Workspace

Manage

Pools

Users

Install Checklist

Task Logs

Settings

Appliance

XenServer Pool: xenserver-01

Pool Name	Pool Master	Connection	Memory Usage	Details
xenserver-01	172.16.50.201 Name: xenserver-01	✓ Connected	11.9 GB free of 16.0 GB total	Config: 8 C HA: Not En Domain: Not Jo

Hosts

Host	Host IP	Memory	CPU	Misc
xenserver-01	172.16.50.201	Host Memory: 16.0 GB Host Memory Free: 11.9 GB Memory Usage: 25.42 %	Intel(R) Xeon(R) CPU E5405 @ 2.00GHz : 8	XenServer Version: Linux Pack Installed:

ISO List

ISO Name	ISO Size (MB)
6001.18000.080118-1840-kb3aik_es.iso	755
en_win_srv_2003_r2_enterprise_with_sp2_cd1_x13-05460.iso	595
en_win_srv_2003_r2_enterprise_with_sp2_cd2_x13-68584.iso	121
en_win_srv_2003_r2_enterprise_with_sp2_vl_cd1_x13-48610.iso	595
en_win_srv_2003_r2_enterprise_with_sp2_vl_cd2_x13-68584.iso	121
en_windows_xp_professional_with_service_pack_3_x86_cd_x14-80428.iso	589

Solo podremos ver los datos globales del Pool, donde observaremos los Hosts, las

Escrito por xavisan

Lunes, 11 de Octubre de 2010 09:32 - Actualizado Lunes, 11 de Octubre de 2010 10:02

The screenshot displays the XenServer Web Self Service interface. On the left is a navigation sidebar with sections: 'Overview' (Workspace), 'Manage' (Pools, Users, Install Checklist), 'Task Logs' (highlighted), 'Settings', and 'Appliance'. The main content area is titled 'Task Log' and includes a search bar, filter controls (User: Any, Pool: xenserver-01), and a table of task logs. The table has columns for Id, User, Pool, VM, Action, Status, Error / Details, and Time. Two tasks are listed, both performed by 'admin' on 'xenserver-01' with the action 'Scan iso' and status 'Completed'. A pagination bar shows '1 - 2 of 2'.

Id	User	Pool	VM	Action	Status	Error / Details	Time
2	admin	xenserver-01	VM: None	Scan iso	Completed	None	2010-
1	admin	xenserver-01	VM: None	Scan iso	Completed	None	2010-

En Task Logs, podremos observar los respectivos LOGS especificados por sesiones,

-  Install Checklist
-  Task Logs
-  Settings
-  **Appliance**

© Citrix Systems, Inc.

Hostname: webss 

User Sessions: [View](#)

Networking

Listening Interface: All Interfaces / All IP Addresses 

Interface eth0: 172.16.50.20 (Static) 

Backup and Restore

Backup: Database and Crypto file  

Support

Support Logs: Available 

Database Type: SQLite

Database Version: 2.6.0

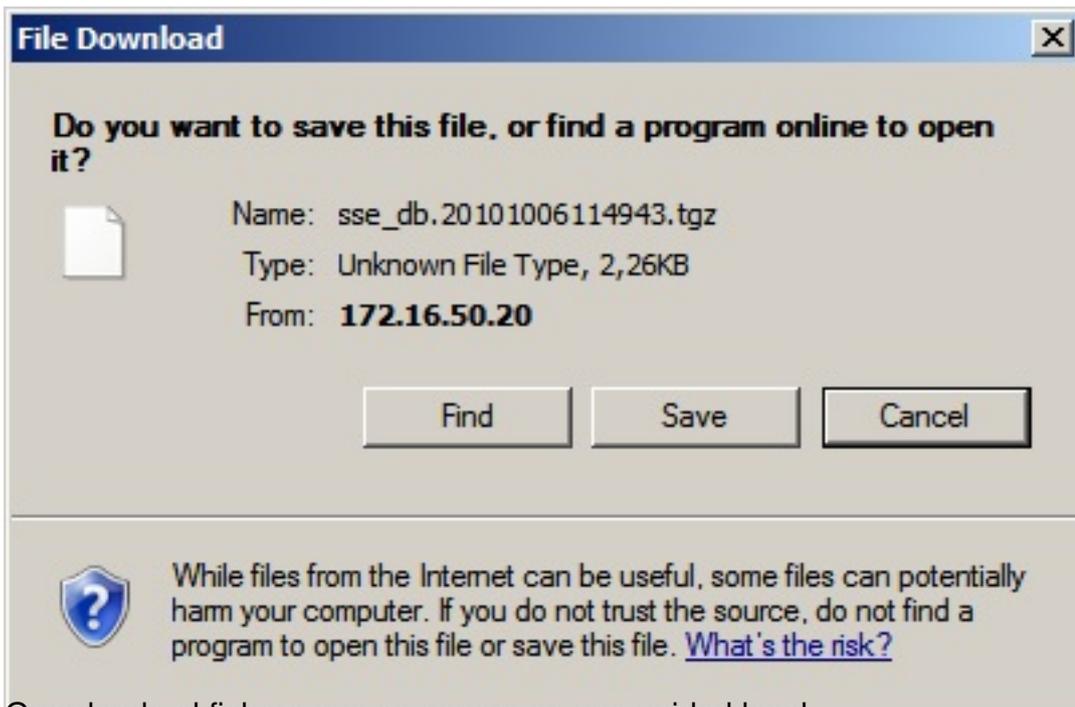
Linux Version: CentOS release 5.3 (Final)

Schema Version: SSEDDB-2010-07-22

WebServer: Twisted

Diagnostics: [View](#)

Now, opción anteriormente mencionado podremos realizar un Backup, pulsando en "Backup



Guardando el fichero que se genera en una unidad local

Warning

 This will restart the appliance!

 **Restore Database**

All details about all the pools, users including the log of all actions performed will be removed.

This will NOT affect the pool or any VMs installed in the pool.

It is recommended that you take a backup of current settings before restoring from an earlier backup.

Web Self Service will restart using the settings, pools and users from the backup.

Backup Files:

Set Appliance Password:
The appliance 'root' login password will be changed to have the old password.

Pulsando en Restore, podremos restaurar la configuración,

XenServer Web Self Service BETA

Welcome Local Admin

Overview

Workspace

Manage

Pools

Users

Install Checklist

Task Logs

Settings

Appliance

© Citrix Systems, Inc.

Installation Checklist

Important Steps

- 1. Add Pool
- 2. Add User
- 3. Share a VM with User

Optional Steps

- 1. Configure Static IP Address for Web Self Service
- 2. Configure VM Requests framework

XenServer Web Self Service BETA

Welcome Local Admin

Overview

Workspace

Manage

Pools

Users

Install Checklist

Task Logs

Settings

Appliance

© Citrix Systems, Inc.

Installation Checklist

Important Steps

- 1. Add Pool 100%
 - Add Pool - *Completed*
Go to the [Pools](#) page. Click on the [Add](#) button to add your XenServer pool. You will be required to provide XenServer Pool Master IP Address or Hostname and valid credentials to manage the XenServer Pool.
 - Wait for Resource Synchronization - *Completed*
It might take a few minutes depending on the size of the Pool for the automatic synchronization. To view your resources you can go the [Workspace](#) page.
- 2. Add User
- 3. Share a VM with User

Optional Steps

- 1. Configure Static IP Address for Web Self Service
- 2. Configure VM Requests framework

Ensignificative, es necesario especificar usuarios para poder gestionar las distintas VMS, en este

Users Add

Login	Status	Added By	Added At (UTC)
admin	Enabled	admin	2010-10-05 14:47:00

SEARCH:

Pulsando a continuación en "Add"

Add User

Login: *

Password: *
Password Strength: **Weak**

Confirm Password: *

Force user to change password on first login:

Especificaremos un usuario y pulsaremos en "Add"

Info

User "user01" is added.

Users

Login	Status	Added By	Added At (UTC)
admin	Enabled	admin	2010-10-05 14:47:00
user01	Enabled	admin	2010-10-06 11:51:06

SEARCH:

- Change Password
- Disable
- Delete
- View Task Logs
- View Shared VMs

Una ves añadido, podremos ver las VMs que son compartidas para gestión,

XenServer Web Self Service BETA Welcome Local Admin

Overview

- Workspace

Manage

- Pools
- Users
- Install Checklist
- Task Logs
- Settings
- Appliance

© Citrix Systems, Inc.

Workspace

SEARCH:

FILTERS: VM: Any User: Any Pool

Consoles

Details

Citrix License Server Virtual Appliance

Pool: xenserver-01 Folder: None
Config: 1 vCPU, 128 MB, 8.0 GB
OS: CentOS release 5.4 (Final)
Tags: Virus checked
HA: Not Enabled

Halted

DVSC 3697

Web Console

Pool: xenserver-01 Folder: No
Config: 2 vCPU, 2.0 GB, 16.0 GB
OS: Debian 5.0.5
Tools: Optimized (version 5.6 installed)
HA: Not Enabled

Running

Para caso de de desear acceder a una VM de las listadas podremos acceder mediante Web o

Windows Server 2003 (32-bit)

Web Console
 RDP Console

Pool: xenserver-01 Folder: None
Config: 4 vCPU, 1.0 GB, 8.0 GB
OS: Microsoft Windows Server 2003 R2 Enterprise Edition
Tools: Optimized (version 5.6 installed)
HA: Not Enabled

Running

1 - 4 of 4 Pulsaremos en nuestro caso Web Console,

XenServer Web Self Service

Escrito por xavisan

Lunes, 11 de Octubre de 2010 09:32 - Actualizado Lunes, 11 de Octubre de 2010 10:02

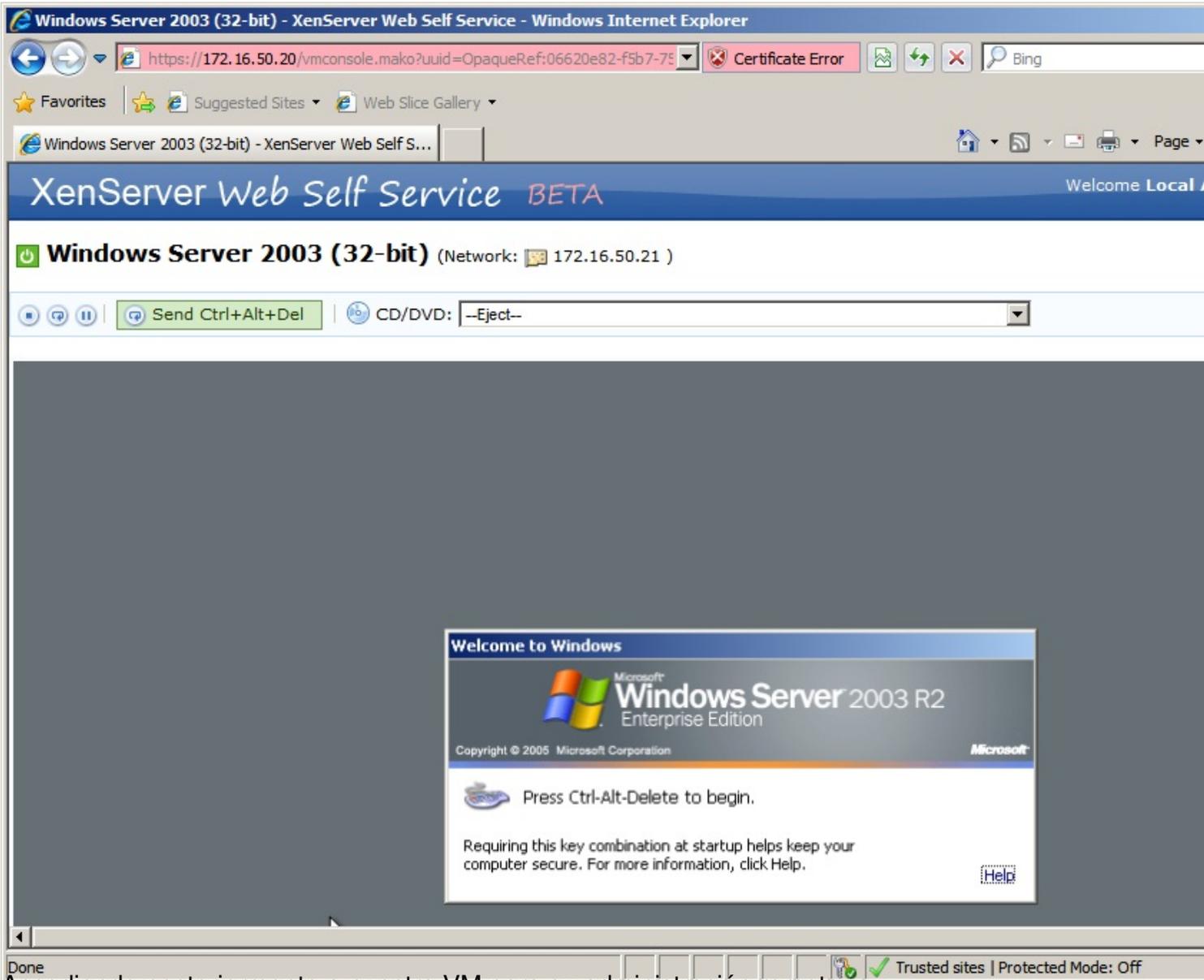
The screenshot shows a web browser window titled "Windows Server 2003 (32-bit) - XenServer Web Self Service - Windows Internet Explorer". The address bar contains the URL "https://172.16.50.20/vmconsole.mako?uuid=OpaqueRef:06620e82-f5b7-79...". A "Certificate Error" warning is visible in the top right. The browser's address bar shows "Windows Server 2003 (32-bit) - XenServer Web Self S...". The page header reads "XenServer Web Self Service BETA" and "Welcome Local...". Below the header, the console title is "Windows Server 2003 (32-bit) (Network: 172.16.50.21)". The console interface includes a "Send Ctrl+Alt+Del" button and a "CD/DVD: -Eject-" dropdown menu. The main content area displays a large Java logo, which consists of a blue circular border of squares surrounding a central orange and blue Java logo with the word "Java" in orange below it. The status bar at the bottom shows "Done" and "Java(TM) Platform, Standard Edition".

Arrancando un Plugin en Java,

XenServer Web Self Service

Escrito por xavisan

Lunes, 11 de Octubre de 2010 09:32 - Actualizado Lunes, 11 de Octubre de 2010 10:02



Accediendo posteriormente a nuestra VM para su administración remota,

XenServer Web Self Service *BETA* Welcome Local Admin

Overview

- Workspace

Manage

- Pools
- Users
- Install Checklist**
- Task Logs
- Settings
- Appliance

© Citrix Systems, Inc.

Installation Checklist

Important Steps

- ⊕ 1. Add Pool 1
- ⊕ 2: Add User 1
- ⊖ 3: Share a VM with User
 - Share a VM with User - *Pending*
To share a Resource to a User go to the [Workspace](#) page and hit 'Share...' button on any of the wish to share. You will be taken to a Sharing page where you can 'Share' and 'Unshare' VMs with

Optional Steps

- ⊕ 1: Configure Static IP Address for Web Self Service
- ⊕ 2: Configure VM Requests framework

Windows Server 2003 (32-bit)



Running

- Web Console
- RDP Console

Pool: xenserver-01 Folder: None

Config: 4 vCPU, 1.0 GB, 8.0 GB

OS: Microsoft Windows Server 2003 R2 Enterprise Edition

Tools: Optimized (version 5.6 installed)

HA: Not Enabled

1 - 4 of 4

Some VMs may not be visible in the list. Check the filters and permissions of a given VM.

Overview

- Workspace

Manage

- Pools
- Users
- Install Checklist**
- Task Logs
- Settings
- Appliance

Share VM: Windows Server 2003 (32-bit)

SEARCH: ✖ 🔍

FILTERS: User:

User	Action
user01	<input type="button" value="Share"/>

1 - 1 of 1

En el listado de usuarios se soluciona el botón Share, usando la acción VMes de

Overview

- Workspace

Manage

- Pools
- Users
- Install Checklist
- Task Logs
- Settings
- Appliance

© Citrix Systems, Inc.

Linux Diagnostics

free -m

	total	used	free	shared	buffers	cached
Mem:	256	70	185	0	2	31
-/+ buffers/cache:		35	220			
Swap:	125	0	125			

df -h

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/xvda1	859M	627M	189M	77%	/
tmpfs	129M	0	129M	0%	/dev/shm

du -hs APP_DATA

168K /root/ssedata

du -hs APP_LOG

1.1M /var/log/sse

/proc/self/status

```

Name: python2.4
State: S (sleeping)
SleepAVG: 98%
Tgid: 1037
Pid: 1037
PPid: 937
TracerPid: 0
Uid: 0 0 0 0
Gid: 0 0 0 0

```

Antes de instalar el software, asegúrese de que el sistema cumple con los requisitos de hardware y software. Consulte el manual de instalación para obtener más información.