INSTALACION DE vSphere Esxi V5, EN UN ENTORNO DE PRUEBAS.

1º Se instalará el software Vmware Workstation (aplicación descargable desde la web <u>http://www.vmware.com/es</u>).

2º Se seleccionará crear una nueva máquina virtual.



3º Se elegirá la imagen iso del producto, como se puede comprobar Vmware reconoce ESXi v5 automáticamente. Se puede obtener una licencia de prueba en la web de vmware.

	Vikhuare Workstation	- 0 ×
	Vivivale Workstation	
File Edit View VM Tab		
Home ×		
VMware [®] V	Vorkstation 9	
	New Virtual Machine Wizard	
	Guest Operating System Installation A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?	
	Install from:	
	O Installer disc:	tor
	🔮 Unidad de CD (E:) 🗸	s computer.
N N 0	Shuth to you fe (a)	ences
	C:\Users\Administrator\Desktop\VMware.vSphere.v5- v Browse	irkstation to your way
	i VMware ESN 5 detected.	
	O I will install the operating system later.	Jates for VMware
	The virtual machine will be created with a blank hard disk.	
E V	Help < Back Next > Cancel	
	ysical machine. Workstation.	r VMware
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4º Se creará la máquina virtual con los pasos predeterminados hasta la configuración del hardware de la máquina virtual...

View VM Take Liele	
× .	Hardware
-	
Device Summary Technology 2 CG Processor 2 Processor 2	Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB. Memory for this virtual machine: 2048 💭 MB 44 GB 52 GB 54
	4 GB (Memory swapping may socur beyrond the size.) 1 GB 2 GB
Add Rem	ove
	Close Help

Requerimientos hardware: se necesitará un PC que pueda dar soporte a Vmware que disponga de S.O. de 64 bits, y al que pueda asignarse 2 GB de RAM como mínimo a la máquina virtual.

5º Se iniciará la máquina virtual.

٥	VMware ESXi 5 - VMware Workstation		×
File Edit Vi	w VM Tabs Help		
Home ×	VMware ESXI 5 ×		
	ESXi-5.0.0-441354-standard Boot Menu		
	ESXi-5.0.0-441354-standard Installer		
	Boot from local disk		
	Automatic boot in 1 second		
and the second se		-	



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	2 X 6 D	
Arre X VHware ES00 5 X		
Where FSXI 5.4	8 (VMKernel Belease Build 441354)	
VMware, Inc. VM	ware Virtual Platform	
2 x Intel(R) Cr		
2 G18 Menory		
VMKernel loaded	successfully.	
To direct input to this VM, click inside or press	M+6	CENCE ALL DR
to anot specie on the out the most of picts		

6º Se cargará el asistente de instalación.



7º Se aceptarán los pasos del asistente, se aceptará el EULA, y finalmente se mostrará el disco duro de nuestro equipo.

Storage Device Capacity Local: Winare, Viluare Virtual S (oper.veddad1:C0:10:L0) 40.00 G10 Remate: (none)	Select a Di * Contains a VMFS partition	sk to Install or Upgrade	
Local: Whare, Whare Virtual S (npc.vedbal:C0:18:L0) 40.00 GIB Renate: (none)	Storage Device		Capacity
(Fee) Court (F1) Details (FC) Defeash (Federa) Continue	Local: Viware, Viware Virtual S Remote: (none)	(npx : volube 1 : CO : TO : LO)	48.00 G18
(ESC) Cancel (F1) Details (F5) Refresh (Enter) Continue) Continue

8º Se seleccionará, y en el siguiente paso se seleccionará el idioma de la instalación. Posteriormente se solicitará que se introduzca la contraseña de Root para el S.O.

Root password: _ Confirm password: (Esc) Cancel (E9) Back (Enter) Continue
(Esc) Cancel (E9) Back (Enter) Continue

9º Una vez introducida la contraseña el asistente escaneara el equipo. Puede aparecer un mensaje que indicará que nuestra CPU no soporta la virtualización, pero no es un error crítico y podremos continuar con la instalación.

Error(s)/Warning(s) Found During System Scan
The system encountered the following warning(s).
Warning(s)
<pre>(HARDWARE_VIRTUALIZATION WARNING: Hardware Virtualization is not a feature of the CPU, or is not enabled in the BIOS></pre>
Use the arrow keys to scroll
(Esc) Cancel (F9) Back (Enter) Continue

10º Llegado a este punto, se indicará que el asistente está listo para instalar ESXiv5, junto con la advertencia de que el disco será reparticionado.

The installer is configured to install ESXi 5.0.0 on: mpx.vmhbal:C0:T0:L0. Warning: This disk will be repartitioned. (Esc) Cancel (F9) Back (F11) Install		Ca	onfirm Install		
(Esc) Cancel (F9) Back (F11) Install	The i	nstaller is conf mpx. Warning: This d	`igured to insid vmhba1:C0:T0:L(lisk will be rep	all ESXi 5.0.0 on: 9. partitioned.	
		Esc) Cancel	(F9) Back	(F11) Install	

11º Se comenzará con la instalación.



12º A la finalización de la misma se indicará que se ha instalado correctamente y que se ha de reiniciar el equipo. Nos indicará el número de días restantes de prueba.

Installation Complete
ESXi 5.0.0 has been successfully installed.
ESXi 5.0.0 will operate in evaluation mode for 60 days. To use ESXi 5.0.0 after the evaluation period, you must register for a MMware product license. To administer your server, use the vSphere Client or the Direct Control User Interface.
Remove the installation disc before rebooting.
Reboot the server to start using ESXi 5.0.0.
(Enter) Reboot

13º Una vez finalizado el proceso de apagado, se presentarán las ventanas de inicio del sistema, en la cual se ofrecerán las opciones de inicio del sistema (esquina inferior derecha) iniciar el sistema en modo recuperación o la opción de saltar el tiempo de espera e iniciar el servidor directamente (esquina inferior izquierda).

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Anne × 🕞 VHware ESI0 5 ×		
	Loading VMware ESXi	
(DUED: Deat)		(SUIET-0) Edit heat entions)
Automatic boot in 3 seconds		(SHIFT+R: Recovery node)
To direct input to this VM, click inside or press Ctrl+G.		

14º Una vez pasado el temporizador de inicio se cargará directamente el S.O.



15º Aparecerá la pantalla de logeo.

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File Edit View VM Tabs Help		
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VMware ESXi 5.0.0 (VMKernel		
VMware, Inc. VMware Virtual		
2 x Intel(R) Core(TM)2 Quad 2 GiB Memory		
Dawnload tools to neenoge t http://192.160.0.190/ CMC	Authent lication Required Enter: an authorized login name and password for locationst. locationastin. Configured Kogboard (Spanish) Login Rene: [root] Yasward: [
df2D Custonize Systen/Vieu Logs		(F12) Shut Down/Restart
To direct input to this VM, click inside or press Ctrl+G.		

16º Finalmente se accederá a la interfaz gráfica del S.O.

ø	VMware ESXI 5 - VMware Workstation	- • ×
File Edit View VM Tabs Help		
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System Custonization	Configure Password	
Soff Igner Passard Configue Lockdam Inde Configue Lockdam Inde Est Engement Hetwork Restore Standerd Switch Configuer Keyboard InsoliteNet Ing Options View System Logs View System Logs View System Configuration Reset System Configuration	Set To provent unwutherized access to this system, set passand for the user.	the
	€inter> Change € S	c> Log Out
To direct input to this VM, click inside or press Ctrl+G.	ESKi 5.0.0 (VMKernel Release Build 441354)	134 🖥 🛯 😖 🖉

ACCESO DESDE CLIENTE VSPHERE

1º En una máquina cliente, se instalará el cliente para vSphere.



2º Se abrirá el asistente de instalación, y se deberán seguir los pasos normales del proceso hasta su finalización.

	闄 VMware vSphere Client 5.0		EZ	
vielitants	Ŗ	Installation Completed Where vSphere Clert 5.0 has been installed successfully. Click Finish to exit the wizard.		
	VMware vSphere" Client			
1		< Back Finish Cancel		

3º Al iniciar el cliente de vSphere, se deberán indicar los datos de configuración del servidor Esxi, instalado previamente como se ha indicado en los apartados anteriores.

y viviware vopriere Client	
vmware [.] VMware vSphere Client	R
To directly manage a sing To manage multiple hosts, vCenter Server. IP address / Name: User name: Password:	e host, enter the IP address or host name. enter the IP address or name of a 192. 168.0. 198 root

Se indicará la IP del servidor Esxi así como el nombre de usuario y contraseña.

Certificate Warning Certificate Warnings An untrusted SSL certificate is installed on "192.168.0.198" and secure communication can guaranteed. Depending on your security policy, this issue might not represent a security co You may need to instal a trusted SSL certificate on your server to prevent this warning fro appearing. The certificate received from "192.168.0.198" was issued for "locahost.localdomain". Secu communication with "192.168.0.198" cannot be guaranteed. Ensure that the fully-qualified domain name on the certificate matches the address of the server you are thying to combe
Security Warning Certificate Warnings An untrusted SSL certificate is installed on "192.168.0.198" and secure communication can guaranteed. Depending on your security policy, this issue might not represent a security co You may need to instal a trusted SSL certificate on your server to prevent this warning fro appearing. The certificate received from "192.168.0.198" was issued for "locahost.localdomain". Secu communication with "192.168.0.198" cannot be guaranteed. Ensure that the fully-qualified domain name on the certificate matches the address of the server you are thying to conte
Certificate Warnings An untrusted SSL certificate is installed on "192.168.0.198" and secure communication cann guaranteed. Depending on your security policy, this issue might not represent a security or You may need to install a trusted SSL certificate on your server to prevent this warning fro appearing. The certificate received from "192.168.0.198" and secure that the fully-qualified domain name on the certificate matches the address of the server you are thying to conse the north earth of the address of the server you are thying to conse
An untrusted SSL certificate is installed on "192.168.0.198" and secure communication cann guaranteed. Depending on your security policy, this issue might not represent a security or You may need to install a trusted SSL certificate on your server to prevent this warning fro appearing. The certificate received from "192.168.0.198" was issued for "localhost.localdomain". Secu communication with "192.168.0.198" cannot be guaranteed. Ensure that the fully-qualified domain name on the certificate matches the address of the server you are trying to connec
Click Ignore to continue using the current SSL certificate.
View Certificate Ignore Cance
✓ Install this certificate and do not display any security warnings for "192.168.0.198".

4º En el momento de establecer la conexión se nos indicará que el certificado no es seguro, en cualquier caso marcaremos la opción de instalar nuestro certificado y se continuará con el proceso.

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o direct input to this VM, move the n	nouse pointer inside or p	oress Ctrl+G.				0000 B	
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5º Una vez establecida la comunicación se accederá a la pantalla de configuración de vSphere Client, desde la cual se podrá configurar el servidor Esxi.

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192.168.0.198	localhost.localdomain VHware ESX1, 5J	0.0, 441354 Evaluation (60 days remaining)	
	Getting Started Summary Virtual Mad	hines Resource Allocation Performance Configuration Local Users & Groups P	venta Permissiona
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	Processors	Product: Evaluation Mode	
	Storage	expres: 1/1/2014	mill
	Networking	Product Features: Up to 32-way virtual SMP	
	Storage Adapters	vCenter agent for VMware host	
	Network Adapters	Visionage APIs VMsafe	
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	Power Management	vMotion	1
	Externa contraction of the second sec	vSphere FT	
	Sonware	vShield Zones	
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	Time Configuration	MPIO / Third-Party Multi-Pathing	
	DNS and Routing	vSphere Distributed Switch	
	Authentication Services	Remote virtual Serial Port Concentrator	
	Virtual Machine Startup/Shutdown	Storage I/O Control	
	Virtual Machine Swapflie Location	VAAI	
	Security Profile	Shared Smart Card Reader	
	Host Cache Configuration	Profile-Driven Storage	
	System Resource Allocation	vMotion Metro	
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