Actualizacións en XenServer

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Actualizar XenServer usando xe CLI

- Como xa se indicou, a versión 6.2 libre, sen licencia de mantemento, só permitía realizar actualizacións a través da Interface da Liña de Comandos xe.
- Hoxe en día (Novembro 2016) a versión 7.0 permite realizar as actualizacións vía XenCenter.
- Aconsellamos que se instalen algunhas das actualizacións en modo Comando (CLI), pois pode ser que nalgún momento non teñamos o Xencenter e desexemos actualizar o Xen. Finalmente ao final desta páxina está como realizalo en modo gráfico (XenCenter).

Informe de alertas. Actualizacións dispoñibles



Ao premer, en versións anteriores de XenServer, nas Alertas do Sistema (Esquina superior dereita) amosa



Na versión 7 está na parte esquerda en **Notificacións** e logo premer en Updates. Para volver a xestionar as MVs premer en **Infrastucture** na parte esquerda.



Se nos fixamos na parte esquerda da imaxe, cada actualización ten un número e unha cor que van dende o máis prioritario (1-Vermello) á simple información (5-Verde)

	Location	Details	Date
: 0	Sam00	New Update Available - XS62E014 New Update Available - XS62E0100	Jan 22, 2014 1:00 AM
000000000000000000000000000000000000000	teri0 teri0 sen0 sen0	New Update Available - X562001 New Update Available - X562009 New Update Available - X562009 New Update Available - X562009 New Update Available - X562004 New Update Available - X562004 New Update Available - X562004 New Update Available - X562001	Dec 11, 2013 100 AM Dec 11, 2013 100 AM Nev 22, 2013 100 AM Oct 22, 2013 200 AM Oct 9, 2013 200 AM Aug 30, 2013 200 AM Jun 26, 2013 2:00 AM

Premendo co botón dereito sobre unha actualización podemos ir á páxina Web de descarga desa actualización, pero ...

File View Pool Server	VM Stor	rage Tem ew Server	nplates	Tools Se	Window Help erver Status Report
Views: Server View	•	🚯 xen0	00	59	stem Alerts
Search	Q	Search 0	General	Li	cense Manager
🖂 🙆 XenCenter		C	-	C	heck for Updates
DVD drives		Server	Genera	In Re	stall Update
Removable storage	e	Propen	ues	0	ptions

... Imos ver que as actualizacións tamén están dispoñibles a través do menú Tools -> Check for updates ou Install Update....

Name	Description	Released v	Web Page	Applies To
SA2ESP1002	Public Availability: security fixes to Xen	Jan 22, 2014	CTX140051	sen00
5828014	Public Availability: security fixes to Xen	Jan 22, 2014	CTX140052	sen00
SAJESPI	Public Analability: XerGener 6.2 Service Pack 1 (SP1)	Dec 16, 2513	CEUCHTRA	xmx00
562E012	Public Availability: Fixes for Dornil kernel issues	Dec 11, 2013	CTX139749	sen00
S62E011	Public Availability: Storage and ISCS fixes	Dec 11, 2013	CTA139776	surv00
S62E010	Public Availability: Fix for GPU pass through	Nov 22, 2013	CTRUPPHE	00rms
\$62E009	Public Availability: occurity fixes to Xen	Oct 22, 2013	CT8109308	serv00
S62E005	Public Availability: Toolstack fixes	Oct 9, 2013	CTR138299	xen00
562E004	Public Availability: Fixes for Dorn0 kernel issues	Aug 30, 2013	CTa138833	xen00
5628002	Public Availability: security fixes to Xen	Aul 5, 2013	CTR138349	xen00
5628001	Public Availability: Xapi fixes	Jun 26, 2013	CTx138186	sen00

Se nos fixamos as actualizacións teñen unha data de saída, e neste caso (Feb 2014) hai unha actualización **XS62ESP1**, que é o Service Pack 1 da versión 6.2 de XenServer e que inclúe tódalas actualizacións saídas en datas anteriores.

Por outra banda, observar como o botón **Download & Install...** está deshabilitado na versión 6.2 porque non temos a licencia de pago por soporte, pero si está habilitado para a versión 7.0 ...

Web de descarga de actualizacións

	Check for Upd	ates		-	-
The follow	ng software updates for your system are available online.				0
lame	Description	Released	· Web Page	Applies To	
8285P1002	Public Availability: security fixes to Xen	Jan 22, 2014	CTX140051	sen00	
05828014	Public Availability: security fixes to Xen	Jan 22, 2014	CTX140052	sen00	
SATESP1	Public Analability: XerGerver 6.2 Service Fack 1 (SPI)	Dec 16, 2513	CD038304	service .	
<\$62E012	Public Availability: Fixes for Dornil kernel issues	Dec 11, 2013	CTX139749-	san00	
X562E011	Public Availability: Storage and ISCS fixes	Dec 11, 2013	CTA139776	sen00	
562E010	Public Availability: Fix for GPU pass through	Nev 22, 2013	CTATIONI	900rax	
SACEIA/B	Public Automativity, occurry task to Ann Rubbe Automativity Tasking form	04 22, 2013	CTUTIENE	NEW CO	
VSEZEDINA	Public Availability: Fixes for Dorrol kernel issues	Aug 20 2013	CTa138813	10000	
05828302	Public Availability: security from to Xen	Ad 5 2013	CT1138349	xen00	
05628001	Public Availability: Xapi fixes	Aun 26, 2013	CTX138186	sen00	
odemos	ir á paxina web e descargar a Knowledge Center eDocs	actualizad	ción que c	desexemo	os, nes
Podemos	ir á paxina web e descargar a Knowledge Center eDocs	actualizad	ción que c s Discuss	Reheah	os, nes
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Advectorer Control of the operation Advectorer Ad		Communitie Communitie	int View	Advant	conr

Páxina web asociada á descarga. É importante ler as indicacións que nos dan ...

his :	Service Pack delivers the following new functionality:		
	The 3D Graphics Pack supporting NVIDIA GRID GPUs		
	Support for Windows 8.1 and Windows Server 2012 R2		
	Improvements to the Site Recovery wizard for large deplo	ments	
THE .	vertice i ack movine vertice a sumble of tables described in	AND AND A AND AND A	AVEC OF 1 PRIMARY PROFES
n ad	stion, this Service Pack includes the following previously rel	asied hotbles	
1 ad	Rion, this Service Pack includes the following previously rel CTX138186 – Hottix XS62E001 - For XenServer 6.2.0	ased hottores	
1.	Ston, this Service Pack includes the following previously re CTX138186 – Hotfix XS62E001 - For XenServer 6.2.0 CTX138349 – Hotfix XS62E002 - For XenServer 6.2.0	ased hollbuss	
1. 2. 3.	Ston, this Service Pack includes the following previously re CTX138165 – Hottix X362E001 - For XenServer 6.2.0 CTX138349 – Hottix X362E002 - For XenServer 6.2.0 CTX138833 – Hottix X362E004 - For XenServer 6.2.0	ased holitives	
1. 2. 3. 4.	Etch, this Service Fack includes the following previously rel CTX138106 – Hottix X362E001 - For XenServer 6.2.0 CTX138349 – Hottix X362E002 - For XenServer 6.2.0 CTX138333 – Hottix X362E004 - For XenServer 6.2.0 CTX138299 – Hottix X362E005 - For XenServer 6.2.0	assed hottlives	
1 2 3 4 5	Disc, this Service Fack includes the following previously rel CTX138106 – Hottix X362E001 - For XenServer 6.2.0 CTX138349 – Hottix X362E002 - For XenServer 6.2.0 CTX13833 – Hottix X362E004 - For XenServer 6.2.0 CTX13299 – Hottix X362E005 - For XenServer 6.2.0 CTX139308 – Hottix X362E009 - For XenServer 6.2.0	hazed hottoes	
1. 2. 3. 4. 5. 6.	Data Environ Fack Including Including<	izaed hottless	
1. 2. 3. 4. 5. 6. 7.	Story, this Service Park Includes the following provide by the CTX138166 – Hottix X362E001 - For XenServer 6.2.0 CTX138340 – Hottix X362E002 - For XenServer 6.2.0 CTX13833 – Hottix X362E004 - For XenServer 6.2.0 CTX139308 – Hottix X362E009 - For XenServer 6.2.0 CTX139308 – Hottix X362E009 - For XenServer 6.2.0 CTX139308 – Hottix X362E010 - For XenServer 6.2.0 CTX13975 – Hottix X362E011 - For XenServer 6.2.0	izied holfoez	

Installing the Service Pack

MPORTANT: CushQers must install this Service Pack to all hosts in the pool starting with the Pool Master. Failure to fullow this sequence may result in pool members being anable to cannect to the Pool Master until the Pool Master has been updated and rebooted.

Sutioners must disable High Availability (HA) before applying this Service Pack. As with any software update, it is recommended that you be ver data before applying this Service Pack Castemers should use either XenCenter or the XenCenver Command Line Interface (CL) to install this update. Once the update has installed, the every must be rectarted for it to take effect. Customers must update all horts within a peer sequentially starting with the Pool Master. Upgrading of norts should be scheduled to minimize the amount of time the pool rune in a "mixed statis" where some horts have been upgraded and some have not.

furning a moved pool of updated and non-updated hosts for general operation is not supported. Note: The attachment to this article is a zip file. It contains both the hottix update package, and the searce code for any modified open source

components. The source code is not necessary for the Service Pack installation: it is provided to fulfil licensing obligations ... Neste caso indica que, para instalar esta actualización:

Se temos a alta dispoñibilidade (HA) habilitada (Precísanse 2 servidores, como mínimo, nun Pool e un almacenamento común) habería que deshabilitala.

Que se temos un Pool de servidores debemos comezar por actualizar o mestre do pool, ...

Inst.	ding the update using the xe Command Line Interface
1 2	Deventioned the update file to a known location. Extract the saugdate file then the zip
	Note: Ensure that you have at least 450 MB of click space on the damB literystem of EACH heat in the pool before uploading the couplate file. To check the available distopace on a XentGener heat, log in as not and run the command dd -b. /. The Avail column for Alexholden's displays the dist space available on the don't Nexystem.
2	Upload the mupdate file to the Pool Master' by extering the following commands: (When Exactname in the Pool Master's (P address or DRS name.) We patch-upload -s (Asstname) -u zoot -pv (password) file- nume-master to update follow2014(2014) is under to update
	XenServer assigns the update file a UUID which this command pinks. Note the UUID.
	08500186-5647-11e3-a720-001b2151a503
4	Appy the Service Pack to all hosts in the pool, specifying the UULD of the Service Pack 248 -= chastranes) -s root -pw <pre>cpersordb</pre> patch-pool-apply unid=055bb166-4d47-11e1-a720- 031b2151a503
5	Verify that the update was applied by using the patch-list command xe patch-list -s < <u>chostness</u> s root -pm < <u>persword5</u> name-label=0562E551 If the update has been successful, the hosts is field will contain the UUIDs of the hosts this patch was successfully applied to. This should be a compared to if of all busits in the sold.
6.	To winfly in XenCenter that the update has been applied connectly, select the Pool, and then click the General lab. This displays the Pool properties. In the Updates section, ensure that the update is listed as Failty Applied.
7.	The Service Pack is applied to all hads in the paol, but it will not take effect until each hast has been relocated. Rebot the hasts sequentially, starting with the Pool Master. For each host, migrate the VMs that you with to keep ranning, and shutdown the remaining VMs before relocating the hast.
Os	pasos de instalación usando o CLI xe. Seguiremos eses pasos cunha pequena variación
Upp	grading XenServer Tools in VMs
Atter	applying this Service Pack to all hasts in the pool, customers should upgrade the XesServer Tools in each Windows VM using the following
inpo	rtant
	Installing XersServer Tools will cause any media in the VM's CD/DVD-drive to be ejected. Do not attempt to install XersServer Tools if the VM's virtual CD/DVD-drive is in use, for example, during OS install from CD.
	 Custamers should upgrade the XexServer Tools before configuring the network settings on VMs.
Tout	provide the XeeServer Train:

٤. Select the pool, and then click the Search tab.

•

- Any numming Window With that display "XentGerver Tools not installed" should be upgraded. Click the XentGerver Tools not installed link. This displays the Install XentGerver Tools during 2
- 3. Click Install XenServer Tools on the message during to go to the VM console and begin the installation. This mounts the is-tools iso in the
- virtual CDDVD. 4 If Actoplay is enabled for the VM CD drive, installation will be started automatically after a lew moments. If Autoplay is not ena
- on the CD drive to begin installing XenServer Tools. 5 Follow the on-screen installation instructions, and rebool the VM when prompted.

No caso desta actualización, tamén temos que actualizar as XenServer Tools (Algo parecido ás Guest Additions ... de VirtualBox) das MVs.

Venderver	6.2.0 Service	Pack 1		
Document ID: CTX1	39788 / Created On: 13	-dic-2013 / Up	dated On: 07-ene	-2014
Average Rating:	🖈 🖈 🖈 🖈 (3 ratings)			
Download (XS62ESP1	zip		
Finalmente desca	urgamos a actualizacio	ón		
Finalmente desca	urgamos a actualizacio Desc	ón argas		- 0
Finalmente desca	argamos a actualizacio Desc partir Vista	ón argas		- 0 XX
Finalmente desca	argamos a actualizacio Desc partir Vista Este equipo + Descargas +	ón argas v C	Buscar en Descargas	- 0 ×
Finalmente desca	argamos a actualizacio Desc portir Vista Este equipo + Descargas + Nombre	ón argas v C Fecta de modifica.	Buscar en Descargas Tipo	– O × – O ,p Tamaño
Finalmente desca	argamos a actualizacio Desc partir Vista Este equipo + Descargas + Nombre	Ón argas v C Fecta de modifica 09/02/2014 17/05	Buscar en Descargas Tipo Carpeta comprimida	- • • • • • • • • • • • • • • • • • • •
Finalmente desca Antros Indo Corr	argamos a actualizacio Desc partir Vista Este equipo + Descargas + Nombre NSG2ESP1.sip XSG2ESP1.supdate	Ón argas v C Fecha de modifica. 09/02/2014 17:03 09/02/2014 17:04	Buscar en Descargas Tipo Carpeta comprimida XenServer Update File	- C × - P - P Tamaño 304,159 KB 213,477 KB

... e descomprimímola. O ficheiro que temos que subir ao servidor é o que ten extensión xsupdate.

Subir actualizacións

Subir actualizacións



Para subir a actualización imos usar o **CLI xe** que tamén está instalado en Windows ao ter instalado o XenCenter. Abrimos unha consola e imos até o directorio XenCenter.

		Seleccionar C:\Windows\system32\cmd.exe
C:\Progr	an Files (x8	6)\Citrix\XenCenter>lir xe*
El núme	ro de serie	del volumen es: BEIA-CF66
Directo	rio de C:\Pr	ogram Files (x86)\Citrix\XenCenter
06/12/20	13 13:39	51.544 xe.exe
06/12/20	13 13:39	484.696 XenCenter.exe
06/12/20	13 13:39	63.832 XenCenterLib.dll
06/12/20	13 13:39	9,709,912 XenCenterMain.exe
26/03/20	13 19:09	11.115 XenCenterMain.exe.config
06/12/20	13 13:39	47.960 XenCenterUNC.dll
R6/12/28	13 13:39	3.130.712 XenModel.dll
06/12/20	13 13:39	292.184 XenOuf.d11
R6/12/28	13 13:39	112,984 XenOufTransport,dll
our aur au	9 arc	hivos 13,904,939 butes
	Ødir	s 14.126.440.448 hutes libres

Na imaxe vemos a utilidade **xe**.

Para executar un comando nun host Xen en modo remoto:

xe <command-name> -s <hostname> -u <username> -pw <password>.

85	C:\Windows\system32\cmd.exe	-	-	×
C:\Program pw abc123.	Files (x86)\Citrix\NemCenter>xe patch-upload -z 10.42.0.200 file-name=c!\Uzers\admin\Downloadz\NS62ESP1.xzupdate_	-11	root	-

Neste caso o comando a executar é **patch-upload** que permite cargar unha actualización no servidor á cal, cando remate, lle asigna un **uuid**.

A instrución a executar neste caso é:

xe patch-upload -s 10.42.0.100 -u root -pw abc123. file-name=c:\Users\admin\Downloads\XS62ESP1.xsupdate. Adaptala ás circunstancias do usuario.



Cando finalice o proceso de subida obtemos o uuid asociado a esa actualización.

Instalar actualización

• Instalar actualizacións



Podemos continuar executando os seguintes comandos en remoto co formato: **xe** <**command-name**> -**s** <**hostname**> -**u** <**username**> -**pw** <**password**>. Pero imos executar eses mesmos comandos dende o propio servidor. Ben dende a propia consola o conectándose remotamente con **ssh** ou **Putty** imos conectarnos ao servidor co usuario root.



Unha vez no servidor, podemos executar comandos e aproveitarnos da tecla de TAB para poder ver cales son as posibles opcións que temos con cada comando e cos parámetros asociados a estes:

Escribir parte dos comandos e premer TAB 2 veces ...

😣 🗐 💿 root@xen00:-		
<pre>[root@xen00 ~]# xe patch-apply patch-clean patch-destroy patch-list [root@xen00 ~]# xe</pre>	patch- patch-param-clear patch-param-get patch-param-list patch-pool-apply patch-	patch-pool-clean patch-precheck patch-upload
comandos que comeza	n por patch-	
😣 🗇 🗇 root@xen00:-		
[root@xen00 ~]# xe patch-lisf uuid (RO) name-label (RG name-description (RG size (RG hosts (SRG	: ; 0850b186-4d47-11e3-a720-00; P): SS62E5P1)): Public Availability: Xen5e;)): 218600009));	152151a503 rver 6.2 Service Pack 1 (SP1)

xe patch-list amosa o listado de actualizacións que hai no sistema, tanto instaladas como pendentes de instalar. Neste caso sabemos que a única actualización que hai está pendente de instalar, porque no campo **hosts** está baleiro. Se estivera instalada aparecerían os uuids, separados por comas, dos hosts do pool nos que estaría instalada.

Vemos tamén o uuid asociado a esta actualización que comeza por **0**. Logo, cando precisemos usar o uuid, premendo TAB, xa nos completará o resto do uuid.

Finalmente vemos cal é acción que debemos realizar unha vez aplicada a actualización para que esta teña efecto (after-apply-guidance): reiniciar o equipo.



Vemos que o servidor no XenCenter está cunha frecha amarela cara abaixo. Indica que no servidor está pendente de instalar unha actualización ou que se está instalando.

-:00nsx@soor 🗉 🗑 🔞			
[root@xen00 -]# xe patch-apply patch-clean patch-destroy	patch- patch-list patch-param-clear patch-param-get	patch-param-list patch-pool-apply patch-pool-clean	patch-precheck patch-upload
[root@xen80 -]# xe	patch-pool-apply uu	id=0850b186-4d47-11e	3-a720-001b2151a503

Podemos instalar a actualización para un servidor concreto ou se estivéramos no mestre dun pool para tódolos servidores do Pool, no caso de querer actualizar un servidor concreto o comando sería: **patch-apply** e habería que indicar o uuid do servidor (lembrar premer TAB tanto para o comando como para os parámetros, para facilitarnos a escritura das sentencias), pero ...

• 💿 🗇 root@xend	00:-		
<pre>(root@xen00 ~)# : patch-apply patch-clean patch-destroy</pre>	ke patch- patch-list patch-param-clear patch-param-get	patch-param-list patch-pool-apply patch-pool-clean	patch-precheck patch-upload
[root@xen00 ~]#	xe patch-pool-apply uu	id=0850b186-4d47-11e	3-a720-001b2151a503

Imos usar o comando que temos para actualizar tódolos hosts dun pool. Cando temos un só host ese forma parte dun pool constituído por si mesmo.

xe patch-pool-apply uuid= ... Lembrar premer TAB, xa que por agora, hai unha soa actualización co seu uuid asociado, pois xa nos autocompleta.

🔘 🗇 root.@xen00:~	
in the second	
[rootgxen00 -]# xe patch-list	annalized sides and annalased sea
uuld (RD)	0850b186-4d47-11e3-a720-001b2151a503
name-label (RO):	XS62ESP1
name-description (RO):	Public Availability: XenServer 6.2 Service Pack 1 (SP1)
stze (RO):	218600009
hosts (SRO):	2e227d5a-0618-417e-b0de-ae3196f0ee0e
after-apply-guidance (SRO):	restartHost
uuid (RO) :	7d5a3a2f-e163-4f23-b8f7-929961eeeb2e
name-label (RO):	XS62E888
name-description (RO):	XenTools fixes
size (RO):	8
hosts (SRO):	2e227d5a-8618-417e-b6de-ae3196f8ee8e
after-apply-guidance (SRO):	restartXAPI
uuld (RO) ;	ff202d2d-2812-4c6b-b500-2f4701de7bc4
name-label (RO);	XS62E011
name-description (RO):	Public Availability: Storage and ISCSI fixes
size (RO):	0
hosts (SRO):	2e227d5a-0618-417e-b0de-ae3196f8ee8e
after-apply-guidance (SRO):	restartHost

Executar de novo **xe patch-list**: vense as actualizacións aplicadas, en que hosts (uuid de hosts, separados por comas, neste caso hai un só host no pool).

Algunhas teñen tamaño 0, a que imaxinas a que é debido!.



Como xa sabemos a gran axuda que nos proporciona a tecla TAB... Escribimos **xe pacth-list** e se prememos TAB (2 veces) ofrécenos cales son os parámetros que podemos configurar para ese comando ...

😣 🗇 🗇 root@xen00:~		
[rootgxen00 -]# xe patch-list after-apply-guidance= after-apply-guidance:contains= database: hosts: hosts:contains= [rootgxen00 -]# xe patch-list n: X502E001 X502E005 X562E005 X562E002 X562E005 X562E005	name-description= name-label= params= size= uuid= ime-label=X502E X502E089 X562E011 X562E018 X562E012	X562E013 X562E5P1
[rootgxen88 -]# xe patch-list na	me-label=X562ESP1	
uuld (RO) :	0850b186-4d47-11e3-a7	20-001b2151a583
name-label (RO):	XS62ESP1	
name-description (RO):	Public Availability:	XenServer 6.2 Service Pack 1 (SP1)
size (RO):	218688889	
hosts (SRO):	2e227d5a-8618-417e-b8	de-ae3196f8ee8e
after-apply-guidance (SRO):	restartHost	

... neste caso: **name-label** e volvemos a premer TAB para ver que actualizacións hai no sistema, neste caso queremos comprobar á XS62ESP1

xen00	Logged in as: Loca	d ro
earch General Memory	Storage Networking NICs Console Performance Users Logs	
Server General Prop	erties	
Properties	Expand all	5
Updates		
X562E011 on xen00:	The server 'xen00' needs to be rebooted for update 'XS625011' to take effect.	
X562E012 on xen00	The server 'xen00' needs to be rebooted for update 'XS62E012' to take effect	
XS62E005 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E005' to take effect	
X562E007 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E007' to take effect	
X562E009 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E009' to take effect	
XS62E008 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E008' to take effect	
XS62E013 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E013' to take effect	
XS62E004 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E004' to take effect	
XS62E001 on xen00:	The server 'sen00' needs to be rebooted for update 'XS62E001' to take effect	
X562E002 on xen00:	The server 'xen00' needs to be rebooted for update 'XS62E002' to take effect	
XS62ESP1 on xen00	The server 'xen00' needs to be rebooted for update 'XS62ESP1' to take effect	
Applied:	XSK20001 Cr XSK25004 XSK25004 XSK25005 XSK25008 XSK25008 XSK25008	

No XenCenter na lapela **General** abaixo de todo en **Updates** vense as actualizacións instaladas e que hai que reiniciar o servidor para que teñan efecto.



Reiniciar o servidor. Ollo!!! Que estea en verde a icona do servidor non indica que as actualizacións estean tidas en conta, senón que foron instaladas, nada máis.

						rodd	ed in as: Loc	al root acco	pu
Memory	Storage	Networking	NICs	Console	Performance	Users	Logs		
ral Prope	rties								
							Expand.all	Collapse	4
ent Interf	aces							19	~
								19	
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Unha vez reiniciado o host, vemos que as actualizacións xa están aplicadas. File View Pool Server VM Storage Templates Tools Window Help 🕒 Back 🔹 🔘 Forward 🕞 🐻 Add New Server 🕴 🏪 New Pool 👘 New Storage 🛅 New VM System Alerts: 2 Anne Server View • 🔂 xen00 Logged in st: Local D Search General Memory Storage Networking NICs Console Performance User 4 II C XenCenter Server General Propertie -End DVD drive Vemos que hai máis alertas, neste caso (Feb 2014) 2 máis. 0 ? × System Alert System Afets are notifications from your connected servers, and can be viewed using the filters below. You can dismiss, resolve or view help for an individual alert using the alert action buttons. 🎼 Filter Servers + 👼 Filter Dates + 🚷 Filter Severities + 👍 Refresh 🛛 😹 Export All 🏨 Dismiss All Location Details Date New Update Available - XS62ESP1002 Jan 22, 2014 1:00 AM 38100 Go to Web Page... Dismiss Copy Imos á páxina web de unha delas: XS62E014 A Hotfix XS62E014 - For XenServer 6.2.0 Document ID: CTX140052 / Created On: 21-ene-2014 / Updated On: 21-ene-2014 Average Rating: *** * * * (2 ratings) Download XS62E014.zip HTTPS DOWNLOAD

Vemos que é para a versión 6.2.0 e nos xa temos a versión 6.2.0 SP1. Co cal non a aplicamos. De intentalo obteríamos un erro e non se instalaría.



Imos á web da outra actualización: XS62ESP1002, que vemos que é para a versión de XenSever que temos instalada.



Ademais indícanos que vai dar a imaxe de que tamén aplicou a actualización XS62E014, para evitar que nos estea saltando a alerta continuamente desa actualización.



Descargámola, descomprimímola e aplicámola como no caso anterior.

earch Ge Server G Propertie	eneral Serier	Memory al Proper	Storage ties:	Networking	NICs	Console	Dedamance	In I	
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Unha vez instalada e reiniciado o host vemos que está aplicada a actualización XS62ESP1002 e por efectos colaterais da a impresión de que a XS62E014 tamén.



Premer en Next e aparecerá a pantalla da imaxe, onde se ve que se instalaron dous Updates e que están totalmente aplicados.

- Os participantes no curso debe actualizar XenServer con tódalas actualizacións dispoñibles no momento da súa realización.
- Tamén se pode descargar o paquete dende a consola de XenServer usando wget http://ruta do ficheiro da actualización.
- Logo xa dende a consola descomprímese o paquete descargado: unzip paquete

XSG2SP1002 Public Availability security fixes to Xey
 Applied on: xen00

Prechecks

Update Mode

Install Update

• E logo xa se continuar cos pasos anteriores: xe patch-upload file-name=paquete.xsupdate. Observar que como xa estamos na consola de Xen xa non fai falla indicar o usuario nin contrasinal co que imos autenticarnos no servidor.

Fully applie

Actualizar XenServer dende XenCenter

- No caso de dispoñer dunha licencia, de pago, de mantemento de XenServer 6.2 as actualizacións poderían realizarse dende o XenCenter.
- A continuación amósase como se faría nese caso baseándose na versión de XenServer 6.1 Free, que é moi semellante á versión 7.0 para realizar as actualizacións a través de XenCenter.
- Actualizacións Xenserver



Ao premer nas **Alertas do Sistema** (Esquina superior dereita) amosa as actualizacións que hai que instalar no servidor XenServer. Hai varias formas de facelo dende esta mesma pantalla ou ...





Podemos seleccionar a primeira actualización e descargala e instalala: Download & Install...

nCenter	
Downloading XS61E001 (840,4 KB of 1,3	MB)
	Canad

Descarga da actualización ao equipo que ten o XenCenter ...

Before You Start	Update prechecks are performed to verify that the update	"KSE16001" can be applied to the servers.
Select Update Select Servers		w.
Prechecks	Checking host liveness status _ OK	
Update Mode Destall Update	Checking HA and WR Bittates UK Onecking storage connections status OK Checking server side status OK	
- Image: 1	🕑 Hide successful prechecks	Check Again Teccher Al

Subir a actualización ao host e comprobar que é aplicable.

•

🖸 Testali Update		
Select the updat Belare You Start Select Update Select Servern Prechecks Update Mode Install Update	a mode After the update k installed, a number of post-update to the updated servers are fully functional again. These tai choose to perform them menually after the udgate ban Post update optione Automatically perform post-update tasks after th Defer to carry out post-update tasks menually Fost-update repaired No actions required	exist such as netarting VMs will be required before is can be carried out actornatically or you can been installed. re update has been applied
citejx	Save to File	« Previews Install update Cancel

Nesta pantalla indícanse as operacións que o Actualizador levará a cabo despois de aplicar a actualización. Neste caso ningunha.

Install Update		🕞 8 🔜
🚔 Install the upda	te	0
Before You Start Select Update Select Servers	Installing updates:	
Prechecka Update Mode Testal Update	lestalling update XSEE001 to cert00 - done. Reverting resolved prechecks	
citrix.		
	< Pre	vious) [Finish] [Cancel]

Instalación da actualización.



Instalación finalizada.

•

Nome	Description	Released =	Web Page	Applies To
(96) E01.4	Public Availability: security fixes to kernel	Feb 26, 2013	CTX036481	xeri00
(S61E013	Public Availability: security fixes to Xen and xenstored	Feb 26, 2013	CTX136482	xen00
C\$61 EDL2	Public Availability: Xepi fixes	Feb 15, 2013	CTX136674	sen00
3618010	Public Availability: XenTools fixes	Dec 16, 2012	CTX136253	xan00
(961 E009	Public Availability: Pre-requisite fixes for X5.6.1 hotfle X361E000	Ovec 36, 3012	CTX036252	00rmx
(S61E006	Public Availability: security fixes to Xen	Oec 3, 2012	CTX0.25309	xex00
(S61E004	Public Availability: security fixes to Xan	Nov 13, 2012	CTX135469	xen00
3631003	Public Availability: Xapi fixes	Nov 7, 2012	CTX135596	xan00
Geotenni.	Public Availability: for fair ISCSI multipathing	Oct 19, 2012	CDEISHE	10100

Agora repetimos o mesmo coa seguinte actualización.

Select the updat	a mode 🕖
Before You Start Select Update Select Servers	After the update is installed, a number of pert-update tasks such as estarting VMs will be required before the updated servers are halfy functional again. These tasks can be carried out automatically or you can choose to perform them numerally after the udgate has been installed. Post update certions
Prechacks	Automatically perform post-update tasks after the update has been applied
Update Mode	 I goefer to carry out post-update tacks manually
	Remart XAFI agent in this order (master always first): xer(0) (Master)
citrix.	Serve to File

Pero neste caso indícanos que cando remate de instalala vai reiniciar o interface XAPI.





•

S Install Update		0 8 0
Select the updat	te mode	0
Before You Start Select Update Select Eeves Prechecks Update Mode Install Update	After the update is installed, a number of post-update tasks such as suffaring Wh will be updated univers an fully functional again. These tasks can be cannot out automatically or perform them managing offer the update has been installed. Rost update agators: Automatically perform post-update tasks ufter the update has been applied in [prefer to carry out post-update tasks unreadly: Mest-update tasks to be performed. Restart these serves in this order (master always first): uer00 (Master)	required before the year can choose to
CITRIX.	Since the Fale	
	× Provinus Install up	dete Cancel

Volver a repetir o proceso coa seguinte actualización. E neste caso pide que se reinicie o servidor. Pero podemos escoller que esa operación a faremos a posteriori manualmente.

🕽 listall Update		6 - C
🚔 Install the updat	*	6
Before You Start Select Update	Update XSG1E004 was successfully installed	
Prechecka Updata Mode	Restart thread servers in this analytic products always first) workD (Masher	
CITRIX.		
	(+ Po	event

Instálase a actualización pero non se reinicia o servidor.



Poderíamos seguir así coas demais, pero imos actualizar descargando primeiro a actualización. Premer no enlace web da actualización.



Descargala ...



Descomprimila e facer dobre clic na actualización ...

Select Undate	Select the update more managed se	that you want to apply form the list of updates that have already been evers, er click Add to upload a new update.	suplicaded to one or
Select Servers	Update	 Description 	Status
Prechecks	25616306.444	where Children's advantable Children and American Children and American Ameri American American Ameri American American	Not
Louiste Masie	• 2593,6000	Table Audubits to to TO multipation	Tuffy applier
badali Da data	• 25838000	Fuble Availability Xapi flost	Fully applied
Price Opare	 XSE18004 	Public Availability: security fixes to Xen	Fully applie

Lánzase o actualizador ..



Indicar sobre que hosts se desexa aplicar. Se houbera varios hosts XenServer poderíanse seleccionar todos e aplicar nun só paso esta actualización a todos eles.

Select the opeate mode	
Before You Stan Select Update Select Servers Prochecks Update Minle Install Update	After the update is installed, a number of post-update tasks such as restarting With will be required before the updated serves are fully functional again. These tasks can be carried out automatically or you can be update options: Automatically perform post-update tasks after the update has been applied Update tasks to be performed: Post-update tasks to be performed: Restart these serves in this addre (master always first): ser00 (Master)
CITRIX	Seve to File.

Indicamos de novo que reiniciaremos manualmente.



Ben, agora pódense descargar todas as que faltan...



As carpetas das actualizacións descargadas e pendentes de aplicar.

File View Pool Server VM	Storage Templates	Tools Window Help	1
🕒 Back • 🔘 Forward • 🎼	Add New Server 💷 🏪 N	Server Status Report	w VM
Views: Server View	🐞 xen00	System Alerts	-
Search 🔎	Search General Mern	License Manager	Cons
🖂 🔕 XenCenter	Sanar Ganaral Dros	Check for Updates	1
🗉 ling xen00	Server General Pro	Install Update	
	Properties	Rolling Pool Upgrade	
	Fropenes	Options	
	General	operan	-

No canto de facer dobre clic sobre elas, pódese abrir o actualizador : Tools -> Install Updates..

Select Update	more managed servers, or click Add to upload a new update.	been uplicaded to one or
Select Servers	Update - Description	Status
Duchacke	 XS618001 Public Availability: Fix for ISCSI multipathing 	Fully applie
Presents	 XS61E003 Public Availability: Xapi fixes 	Fully applie
Update Mode	 X361E004 Public Availability: security fixes to Xem 	Fully spplie
Install Update	 XS81E086 Public Availability: security fixes to Xee 	fully spplia

Premer en 'Add..







Volver a postergar as post-accións para ser realizadas manualmente.



Agora aplicar tódalas actualizacións que faltan polo método que se desexe e finalmente reiniciar o servidor.



Observar como agora xa non hai alertas de actualizacións.

-- Antonio de Andrés Lema e Carlos Carrión Álvarez