Apple – Support – Discussions – Can 10.5.8 Server serve 10.6 updates ...

10/01/2011 09:57

Topic : Can 10.5.8 Server serve 10.6 updates using Software Update Services?

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Lurch66

Posts: 64
From: California
Registered: Jun 20, 2009

Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Sep 20, 2009 12:47 PM

Hi Folks,

I realize Snow Leopard Server is technically required for other Snow Leopard clients that want to use it as a Software Update server, but if my clients are all Snow Leopard and the server is still just Leopard Server, is there any modification or tweak I can make on the server that will allow it to also serve up Snow Leopard-related updates?

Many thanks,

Lurch

iMac   Mac OS X (10.6.1)

Brian Nesse

Posts: 1,237
From: Bay Area, CA
Registered: Apr 2, 2003

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Sep 21, 2009 9:22 AM   in response to: **Lurch66**

No. See my response elsewhere in the forum.

Dual 2.5GHz Power Mac G5   Mac OS X (10.6.1)

Jan Uschok

Posts: 3
Registered: Sep 26, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Sep 26, 2009 6:23 AM   in response to: **Brian Nesse**

Solved

Well yes it can – with a little hackery. Just do this:

1) Stop SUS

2) Download **http://swscan.apple.com/content/meta/mirror-config-1.plist** and copy it to /usr/share/swupd/html/content/meta/mirror-config-1.plist

3) Change it to look like this:

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple Computer//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
<key>PrimaryCatalog</key>
<string>http://swscan.apple.com/content/catalogs/index.sucatalog</string>
<key>CatalogsList</key>
<array>
<string>http://swscan.apple.com/content/catalogs/index.sucatalog</string>
<string>http://swscan.apple.com/content/catalogs/others/index-leopard.merged-
1.sucatalog</string>
<string>http://swscan.apple.com/content/catalogs/others/index-leopard-snowleopard.merged-
1.sucatalog</string>
</array>
</dict>
</plist>
```

4) Edit /etc/swupd/swupd.plist and change the metaIndexURL entry to look like this:

```
<key>metaIndexURL</key>
```

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Niel (80)
foilpan (65)
DaddyPaycheck (60)
Strontium90 (55)
Jeff Kelleher (50)

```
<string>http://myserver.com:8088/content/meta/mirror-config-1.plist</string>
<key>portToUse</key>
```

5) Start SUS and wait for it to download the catalog files and to generate the local versions thereof.

6) Once it has generated the local catalog files add some symlinks like this:

```
cd /usr/share/swupd/html
ln –s /usr/share/swupd/html/content/catalogs/index.sucatalog .
ln –s /usr/share/swupd/html/content/catalogs/others/index-leopard.merged-1.sucatalog .
ln –s /usr/share/swupd/html/content/catalogs/others/index-leopard-snowleopard.merged-1.sucatalog .
```

7) Just in case restart SUS

8) Wait for SUS to download all the updates

9) On your 10.6 client go in the Finder to /Library/Preferences and open com.apple.SoftwareUpdate.plist. Change the CatalogURL entry to point to **http://myserver.com:8088/index-leopard-snowleopard.merged-1.sucatalog**

10) Launch Software Update on your 10.6 client and be happy 😊

It should behave like a 10.6 server now as it is serving the catalog files according to the 10.6 server documentation as described on page 89 here: **http://images.apple.com/server/macosx/docs/System_Imaging_and_SW_Update_Admin_v10.6.pdf**

Enjoy
–Jan

Lurch66

Posts: 64
From: California
Registered: Jun 20, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Sep 26, 2009 11:12 AM   ⬆ in response to: **Jan Uschok**

Jan,

Thanks! Brilliant, this solution appears to be working well so far!

Cheers, Lurch

iMac   Mac OS X (10.5.7)

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justin_kallas_1…

Posts: 9
From: Iowa
Registered: Jun 18, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Sep 30, 2009 8:36 AM   ⬆ in response to: **Jan Uschok**

Will this hack break the 10.5 clients that are checking in with the server?

15" MacBook Pro (Mid-2009)   Mac OS X (10.6.1)   2.53GHz Core 2 Duo, 4 GB RAM, 500 GB HD

Jan Uschok

Posts: 3
Registered: Sep 26, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Sep 30, 2009 2:11 PM   ⬆ in response to: **justin_kallas_1…**

No it will not break 10.5 or 10.4 clients as they continue to get the old files they used to get. Only 10.6 clients get the new one.

Neil Cudmore

Posts: 74
From: England
Registered: Dec 2, 2007

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Oct 2, 2009 5:57 AM   ⬆ in response to: **Jan Uschok**

Question Jan,

Looking in /usr/share/swupd/html/content/ and there isn't an existing meta directory only downloads and catalogs, so did you create the meta directory? or should I be looking for another one somewhere else. If you created it, what ownership/group rights did you set?

Thanks

Various iMac, Powerbook, MacBook, 2*mini   Mac OS X (10.5.8)

Jan Uschok

Posts: 3
Registered: Sep 26, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Oct 5, 2009 12:57 PM   ⬆ in response to: **Neil Cudmore**

I created it and it looks like this permission wise:

drwxr-xr-x 3 root wheel 102 Sep 26 14:08 meta

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aduran13

Posts: 1
Registered:
Oct 22, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Oct 22, 2009 3:21 PM   ⬆ in response to: **Jan Uschok**

Jan, you are brilliant.

Kieran Bailey

Posts: 43
From: Albany,
Australia
Registered:
Nov 7, 2007

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Oct 26, 2009 11:56 PM   ⬆ in response to: **Jan Uschok**

Excellent! That worked a treat. I am pushing out settings for Software Update to clients using Workgroup Manager. Is there a way I can push out the **http://myserver.com:8088**/ URL to mixed clients of 10.5 and 10.6 and have them download the appropriate updates?

iMac 24" 2.8 GHz Intel Core 2 Duo 4 GB 800MHz DDR2 SDRAM   Mac OS X (10.6.1)

Steve Folly

Posts: 74
Registered:
Oct 5, 2002

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Oct 30, 2009 2:43 PM   ⬆ in response to: **Kieran Bailey**

Kieran,

I initially had my 10.5 clients point at my 10.5 server for software updates, and some new 10.6 clients defaulted to Apple's servers. This approach should also work for both sets of clients to contact a local server:

Create 2 computer groups in WM: 'leopard clients' and 'snow leopard clients'. Add your managed computers as members appropriately.

Then create two more groups: 'leopard sw updates' and 'snow leopard sw updates'. In these, set the Software Update managed preferences to the appropriate URL as described in the PDF mentioned above.

Then add the 'leopard clients' group as a member of 'leopard sw updates', and add 'snow leopard clients' group as a member of 'snow leopard sw updates'.

I do it this way to modularise all my preferences - as long as the client is ultimately in a group with the appropriate preference you should be OK.

Mac Pro 2x2.8GHz Quad, 8GB   Mac OS X (10.6.1)

FamousAmos

Posts: 1
From:
Kalamazoo, MI
Registered:
Sep 11, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Nov 19, 2009 6:31 AM   ⬆ in response to: **Jan Uschok**

Hi Jan,

I think I must be doing something wrong. Our server was just reinitialized a few days ago, so its a fresh install of 10.5.8 I followed your steps explicitly, unfortunately I ran into some sort of a problem. Now whenever I go into Server Admin, the Software Update service takes forever to confirm whether its running, and the menu' are grayed out. I don't think its working. I made the terrible mistake of not making backups before I made changes (since everyone said it was working so well).

this is from the swupd_error_log

Thu Nov 19 09:00:06 2009 notice caught SIGTERM, shutting down
Thu Nov 19 09:00:52 2009 notice Apache/1.3.41 (Darwin) configured -- resuming normal operations
Thu Nov 19 09:00:52 2009 notice Accept mutex: flock (Default: flock)

and this is what I get from the swupd_syncd_log

Thu Nov 19 09:01:00 mysweetserver.com swupd_syncd**83** <Info>: Started
Thu Nov 19 09:01:00 mysweetserver.com swupd_syncd**83** <Error>: swupd_syncd failed with NSInvalidArgumentException: *** –**NSURL initWithString:relativeToURL:**: nil string parameter

Any idea's?

Dual 1.33ghz PowerPc G4   Mac OS X (10.5.8)

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efeldhusen

Posts: 1
From:
Newberry, MI
Registered:
Nov 25, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Nov 25, 2009 6:21 AM   ⬆ in response to: **FamousAmos**

I'm seeing the exact same problem as FamousAmos. I've checked and I'm able to receive the updated mirror-config-1.plist from my MSUS server via port 8088 in my browser.

Any suggestions?

Eric Feldhusen

Macbook   Mac OS X (10.6.2)

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sggr57a

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?

Apple – Support – Discussions – Can 10.5.8 Server serve 10.6 updates ...

10/01/2011 09:57

Posts: 5
From: Boston, Ma
Registered: Oct 16, 2008

Posted: Dec 2, 2009 8:16 AM   in response to: **Jan Uschok**

I got my server configured and it appears to have downloaded all updates including 10.6 packages but my clients are not seeing those specific updates even though I set the client to download from the new catalog. What else do I need to do or check?

Mac OS X (10.5.5)

gompers000

Posts: 6
From: Jersey City NJ
Registered: Jul 27, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Dec 7, 2009 9:19 AM   in response to: **sggr57a**

Works like a charm. I thought something was broken until I remembered that it takes forever for the updates to download and I found the refresh button. 🙂

–Jeff

24" iMac   Mac OS X (10.6.2)

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Topic : Can 10.5.8 Server serve 10.6 updates using Software Update Services?

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dankudos

Posts: 16
From: Ohio
Registered: Jul 11, 2005

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Dec 10, 2009 12:55 PM ⬆ in response to: Jan Uschok

Thanks for the hack Jan, took a little futzing around but updates are being served up without issue now. Good to be able to add this functionality to 10.5 without having to fully upgrade to 10.6 server.

Fred Turner

Posts: 140
From: Birmingham, AL
Registered: May 27, 2002

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Dec 28, 2009 10:40 PM ⬆ in response to: Lurch66

A little late to the party on this one, but this looks awesome! One question: do you still retain the ability to download only the updates you want via SA, or do these changes require you to download the entire library?

Thanks,
Fred

PowerBook G4/1.67GHz   Mac OS X (10.5.8)

Brian Critchlow

Posts: 74
Registered: Jun 8, 2004

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jan 6, 2010 10:31 AM ⬆ in response to: Lurch66

I have followed all the directions to a T and all of the new snow leopard updates show up in my updates list. It appears that things are downloading because my network activity is way up.

The only thing that is concerning me right now is that every second I get this error in the error log (2)No such file or directory: mod_bandwidth : Can't create/access master file /etc/swupd/apachebw/master/15:683584

I assume it is trying to create a directory for downloading the new updates. Any thoughts?

Message was edited by: Brian Critchlow

MacBookPro Unibody   Mac OS X (10.6.2)

Brian Critchlow

Posts: 74
Registered: Jun 8, 2004

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jan 8, 2010 3:35 PM ⬆ in response to: Lurch66

Dont forget to add a redirect in your webserver like I did. Took me 3 days to figure it out.

/content/catalogs/others/index-leopard-snowleopard.merged-1.sucatalog
redirects to
http://myserver.com:8088/index-leopard-snowleopard.merged-1.sucatalog

MacBookPro Unibody   Mac OS X (10.6.2)

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klemencek

Posts: 1
From: Europe
Registered: Jan 18, 2010

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jan 18, 2010 3:15 AM ⬆ in response to: Brian Critchlow

@Brian Critchlow: can you help me out, please?
I did exaclty as described above, but I`m getting no result.
In SUS I see new updates, for Snow Leopard, but they are all greyed out!
Nothing helps, not restarting the service, not refreshing, copy now button is not responding.

So, as you suggested, I changed in /usr/share/swupd/html/content/meta/mirror-config-1.plist file the last three entries after <key>CatalogsList</key>, swscan.apple.com with myserver.example.com:8088
All three entries because I have mixed network with all OS-ses, from 10.4 to 10.6

---

swupd_syncd_log shows:
swupd_syncd**351** <Error>: Unable to retrieve one or more of the catalogs listed in the index
swupd_syncd**351** <Error>: swupd_syncd failed with CantCacheDataException: Couldn't write
http://myserver.example.com:8088/content/catalogs/index.sucatalog to
/usr/share/swupd/html/content/catalogs/index.sucatalog.apple. Error message:file doesn't exist
swupd_error_log shows:
File does not exist: /usr/share/swupd/html/content/catalogs/index.sucatalog
File does not exist: /usr/share/swupd/html/content/catalogs/others/index-leopard.merged-1.sucatalog
File does not exist: /usr/share/swupd/html/content/catalogs/others/index-leopard-snowleopard.merged-
1.sucatalog
I checked by hand and missing files are all there, now I`m stuck at dead end

Thanks for help in advance!

iMac 27"

**Brian
Critchlow**

Posts: 74
Registered: Jun
8, 2004

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jan 18, 2010 10:46 AM ⬆ in response to: **klemencek**

Have you done step 4 as layed out by Jan?

4) Edit /etc/swupd/swupd.plist and change the metaIndexURL entry to look like this:

<key>metaIndexURL</key>
<string>**http://myserver.com:8088/content/meta/mirror-config-1.plist**</string>
<key>portToUse</key>

once you edit the two plist files, you should be at the stage where SWUPD begins to download the new
updates. Do you see the blue dot next to each update showing that they have been copied? If so, have
you checked 'enable' next to them to make them available to your clients?

MacBookPro Unibody   Mac OS X (10.6.2)

JLG89

Posts: 110
From: Texas
Registered:
Apr 8, 2006

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Feb 10, 2010 7:29 AM ⬆ in response to: **Jan Uschok**

What about serving Windows updates? Everything works great for 10.4/5/6 updates, but when I add this
line:

<string>**http://swscan.apple.com/content/catalogs/others/index-windows.merged-
1.sucatalog**</string>

to the CatalogsList array in the mirror-config-1.plist file, I start getting the following error when I start
SUS:

<Error>: swupd_syncd failed with SUCatalogLoaderException: We've been foiled by the SUCatalogLoader:
no local display name. Drat.

Any ideas? The Snow Leopard SUS manual contains exactly zero info on Windows updates.

MacBook Pro 15" 2.33GHz   Mac OS X (10.6.2)   4GB RAM / 250GB HD

**Daniel
O\'Reilly**

Posts: 7
Registered:
May 13, 2005

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Feb 26, 2010 6:27 AM ⬆ in response to: **Jan Uschok**

Ok, I must be missing something here or maybe I am just not patient enough.

I have followed all the instructions and the updates appear to be downloading, but I do not see the catalog
file to create a symbolic link to.

ls /usr/share/swup/html/content/catalogs/others
index-leopard-snowleopard.merged-1.sucatalog.apple
index-leopard-snowleopard.merged-1.sucatalog.apple.previous
index-leopard.merged-1.sucatalog.apple
index-leopard.merged-1.sucatalog.apple.previous
I do not have index-leopard-snowleopard.merged-1.sucatalog
or index-leopard.merged-1.sucatalog

do the downloads need to complete before those files will generate or have I missed a step?

**Daniel
O\'Reilly**

Posts: 7
Registered:
May 13, 2005

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Feb 26, 2010 10:54 AM ⬆ in response to: **Daniel O\'Reilly**

Yep, I was just not patient enough, the catalog file load after all the software updates have been copied.

Everything works #1 Ay OK now.

trilogy1000

Posts: 12
Registered:
Apr 23, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Mar 6, 2010 2:50 PM   in response to: **Lurch66**

Haven't had the chance to try this yet but it's exactly what I've been looking for. In December we replaced several older XServes with two new Intel machines and I've just reformatted one of the old ones to use exclusively as a SUS. If it works I'll be delighted.

**Marshmallow
Bunny**

Posts: 4
From: Black
Rock City, Nev.
Registered:
Apr 12, 2010

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Apr 12, 2010 8:54 AM   in response to: **Lurch66**

I believe I have everything set up according to the instructions. I've stopped and started SUS, cleared my DNS cache, then try to connect to download updates. However, I get a "Software Update can't check for updates because of a network problem" message. When I ping swscan.apple.com, it does respond back with the IP address of my local SUS server, which indicates to me my DNS is set up properly. (My SUS server gets its DNS from a remote server.)

When I navigate to **http://swscan.apple.com:8088/index.sucatalog,** the catalog page comes up, but in the updates list, it has **http://mydomain.org:8088/content/downloads/etc** instead of **http://mysus-server.mydomain.org:8088/content/downloads/etc**. mydomain.org is a completely different server from mysus-server.mydomain.org. Could this be the issue? If so, then how do I get it to list the correct URL? If this isn't the issue, then any ideas what it could be?

Thank you for any assistance you can provide. I'm new to Mac, but not to Linux or Windows.

Message was edited by: Marshmallow Bunny

MacBook Pro

**Marshmallow
Bunny**

Posts: 4
From: Black
Rock City, Nev.
Registered:
Apr 12, 2010

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Apr 12, 2010 11:40 AM   in response to: **Marshmallow Bunny**

OK, I figured out the network problem message. I needed to enter "defaults write /Library/Preferences/com.apple.SoftwareUpdate CatalogURL **http://mysus-server.mydomain.org:8088/index-leopard-snowleopard.merged-1.sucatalog**" at the terminal prompt. However, I have several hundred Macs in my network, so this isn't feasible. Also, it seems logical to me hacking the DNS to point to my server should do the trick without having to touch all the clients, but it isn't working. Without changing the CatalogURL defaults, the clients don't appear to be contacting my SUS server, even though it responds to ping and web requests. Any ideas?

MacBook Pro

**Geoffrey
Mattheis**

Posts: 3
From: CT
Registered: Jun
8, 2005

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Apr 12, 2010 12:58 PM   in response to: **Marshmallow Bunny**

Marshmallow Bunny,

check out this article on MacOSXHints.com, it should get you up and running transparently w/o editing the host files on each client.

http://www.macosxhints.com/article.php?story=20071009082248452

**Marshmallow
Bunny**

Posts: 4
From: Black
Rock City, Nev.
Registered:
Apr 12, 2010

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Apr 14, 2010 9:21 AM   in response to: **Geoffrey Mattheis**

Thank you, Geoffrey. I've been banging my head against those instructions, as well.

I found if I correct the FQDN in my index-leopard-snowleopard.merged-1.sucatalog file and use the defaults write CLI command on my workstation, I can connect and download the updates. However, the next time my SUS server downloads an update, it rewrites the URL in the *.sucatalog file, removing my server's hostname. Then, if I try to connect, I get the message "Your software us up to date", which I know is not correct. (I've intentionally NOT installed any updates since 10.6.2 on my workstation.)

So, my question is, what could be causing my SUS server write the wrong URL in the *.sucatalog files (**http://mydomain.org:8088/content/downloads/etc** instead of **http://mysus-server.mydomain.org:8088/content/downloads/etc**)? I have rechecked my config files several times, and I don't see any errors. If I can fix this one issue, then I will be one step closer to having my SUS server working properly.

Thank you.

Mac OS X (10.5.8)

Marshmallow Bunny

Posts: 4
From: Black
Rock City, Nev.
Registered:
Apr 12, 2010

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Apr 14, 2010 3:41 PM ⬆ in response to: **Marshmallow Bunny**

Problem solved. It seems hostname was resolving to mydomain.org, instead of mysus-server, even though every GUI setting showed hostname set to mysus-server and the FQDN set to mysus-server.mydomain.org. I ran changeip in the CLI to correct the hostname, ran the updates again, and my *.suscatalog files then reflected the correct URLs. Not sure what would cause this, but that issue is fixed now.

MacBook Pro

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Topic : Can 10.5.8 Server serve 10.6 updates using Software Update Services?

This topic has been archived – replies are not allowed.

This question is **answered**.

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david koff

Posts: 15
From: los angeles
Registered: Jan 14, 2008

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: May 17, 2010 4:37 PM   in response to: **Lurch66**

i've just tried this on a dev server and it works like a charm so far. snow leopard files ARE being hosted by the server and ARE downloading properly to snow leopard clients after making a change to the softwareupdate.plist

yet to check: whether 10.4 and 10.5 clients are still working as they should.

macbook pro   Mac OS X (10.5.1)   balls

Graeme Challis

Posts: 5
Registered: Sep 26, 2005

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jun 17, 2010 9:02 PM   in response to: **david koff**

we updated two 10.5.8 servers to supply 10.6 updates some time ago as per the above and all has been well... until recently.

Neither SUS is now supplying 10.6.x updates post 10.6.2. Both SUS working fine for everything else so we were hoping to find others with the same problem. Anyone suffering? Anyone fixed it?

Mac OS X (10.5.8)

ZOozOo

Posts: 3
From: Beirut, Lebanon
Registered: Aug 13, 2008

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jul 19, 2010 9:04 AM   in response to: **Brian Critchlow**

Hello Brian,
a question in reference to your reply about the redirect (knowing fully that i might seem like the biggest ignorant):
what does it mean to "add a redirect in my webserver"? And how do i do it? because i think your reply may be the solution to my problem...

–– the thing is i followed to the letter Jan's instructions but i'm having trouble with all the 10.6 clients (all pushed through the Workgroup manager to index-leopard-snowleopard...). All the 10.6 clients' SU are giving the error of server not responding.

Thanks

MacBook, G4   Mac OS X (10.5.4)   Server 10.5

Mischa Krilov

Posts: 6
Registered: Dec 12, 2004

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jul 19, 2010 3:12 PM   in response to: **Graeme Challis**

Just to chime in: My 10.5.8 server is also not serving 10.6.x updates after 10.6.2. Other updates appear fine to Leopard and Tiger clients.

Mac OS X (10.5.8)

Mischa Krilov

Posts: 6
Registered: Dec 12, 2004

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jul 20, 2010 7:55 AM   in response to: **Mischa Krilov**

Here's the solution I found for updating past 10.6.2, thanks to the information in these two posts:

http://discussions.info.apple.com/message.jspa?messageID=11475568
http://support.apple.com/kb/HT4069

On my Snow clients, I run this command as root:

defaults write /Library/Preferences/com.apple.SoftwareUpdate CatalogURL "http://my-SUS_server-FQDN.com:8088/index-leopard-snowleopard.merged-1.sucatalog"

And now, my Snow clients see their correct updates from my Leopard server.

MacBook White   Mac OS X (10.5.2)   2Ghz Intel Duo, 2GB/60GB

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montinlo

Posts: 1
From:
Switzerland
Registered:
Sep 8, 2009

Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?
Posted: Jul 30, 2010 12:46 AM   ⬆ in response to: **Jan Uschok**

Hi.
I found a method that is working on our network environment (SUS + OD server 10.5.8, client 10.5.8 AND 10.6).

Here's what we did:
1. Stop SUS (serveradmin stop swupdate)

2. On SUS server, create meta folder in /usr/share/swupd/html/content/
(permissions: drwxr-xr-x)

3. Download file **http://swscan.apple.com/content/meta/mirror-config-1.plist** and copy to /usr/share/swupd/html/content/meta

4. Edit it, and make it like this:
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple Computer//DTD PLIST 1.0//EN"
"http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
<key>PrimaryCatalog</key>
<string>**http://swscan.apple.com/content/catalogs/index.sucatalog**</string>
<key>CatalogsList</key>
<array>
<string>**http://swscan.apple.com/content/catalogs/index.sucatalog**</string>
<string>**http://swscan.apple.com/content/catalogs/others/index-leopard.merged-1.sucatalog**</string>
<string>**http://swscan.apple.com/content/catalogs/others/index-leopard-snowleopard.merged-1.sucatalog**</string>
</array>
</dict>
</plist>

5. Start SUS (serveradmin start swupdate) and wait until the following catalog files in /usr/share/swupd/html/content/catalogs/others are generated:
-rw-r--r-- 1 root wheel 1278985 Jul 29 13:50 index-leopard-snowleopard.merged-1.sucatalog
-rw-r--r-- 1 root wheel 928903 Jul 29 13:50 index-leopard.merged-1.sucatalog

6. Create the following symbolic links in the html folder:
cd /usr/share/swupd/html
ln -s /usr/share/swupd/html/content/catalogs/index.sucatalog
ln -s /usr/share/swupd/html/content/catalogs/others/index-leopard.merged-1.sucatalog
ln -s /usr/share/swupd/html/content/catalogs/others/index-leopard-snowleopard.merged-1.sucatalog

7. Wait until SUS server download 10.6.x updates

At this time SUS server is ready.

Now you have to tell to the clients how to use it correctly.
You must manage OS X 10.5.x clients differently from OS X 10.6.x clients.

8. On the OD master server, with Workgroup Manager, create two Groups, i.e.:
SUS-10.5
SUS-10.6

9. Configure the Login ==> SoftwareUpdate preference string accordingly:
SUS-10.5: **http://sus.rtsi.ch:8088/index.sucatalog**
SUS-10.6: **http://sus.rtsi.ch:8088/index-leopard-snowleopard.merged-1.sucatalog**

10. Insert in the first Group only clients with OS X 10.5.x,
Insert in the first Group only clients with OS X 10.6.x

11. Logoff and login on the clients in order to activate the OD policy.

That's it: SoftwareUpdate will find updates for the correct OS version

Message was edited by: montinlo

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All Macs   Mac OS X (10.5.8)

UKenGB   **Re: Can 10.5.8 Server serve 10.6 updates using Software Update Services?**

Apple – Support – Discussions – Can 10.5.8 Server serve 10.6 updates ...

10/01/2011 10:01

Posted: Aug 10, 2010 6:21 AM   ⬆ in response to: **Lurch66**

Posts: 596
From:
Chobham, UK
Registered:
Feb 16, 2004

I can see how this solution should work, but I am wondering why the mirror-config-1.plist file is downloaded and modified and used locally rather than simply modifying /etc/swupd/swupd.plist as follows:-

...
<key>metaIndexURL</key>
<string>**http://swscan.apple.com/content/meta/mirror-config-1.plist**</string>
<key>otherCatalogs</key>
<array>
<string>index-leopard.merged-1.sucatalog</string>
<string>index-leopard-snowleopard.merged-1.sucatalog</string>
</array>
...

as it is for Snow Leopard Server?

It occurs to me that Leopard's Software Update Server doesn't understand <key>otherCatalogs</key> so this method wouldn't work. Can anyone confirm this?

MacPro, MacBook Pro, Mini Server, iPhone 3G   Mac OS X (10.6.2)   30" HD display,

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