
From: Sue Glueck (LCA)
Sent: Wednesday, August 07, 2002 9:56 AM
To: Mike Beckerman
Cc: Will Poole
Subject: FW: atty. client priv. - RE: Sfp api and WM setup

----- Original Message -----

From: Will Poole
Sent: Wednesday, August 07, 2002 8:34 AM
To: Sue Glueck (LCA)
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

Pls forward to mikebeck

----- Original Message -----

From: Sue Glueck (LCA)
Sent: Tuesday, August 06, 2002 6:39 PM
To: Brian Valentine; Lonny McMichael; Patty Esack; Eric Price; Jim Allchin; Will Poole
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

Adding Jim and Will.

----- Original Message -----

From: Brian Valentine
Sent: Tuesday, August 06, 2002 6:22 PM
To: Sue Glueck (LCA); Lonny McMichael; Patty Esack; Eric Price
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

ATTORNEY-CLIENT PRIVILEGED

Can you please add Will Poole and Jim Allchin also. I have sent them a heads up this is coming.

----- Original Message -----

From: Sue Glueck (LCA)
Sent: Tuesday, August 06, 2002 6:19 PM
To: Lonny McMichael; Patty Esack; Eric Price; Brian Valentine
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

Adding BrianV.

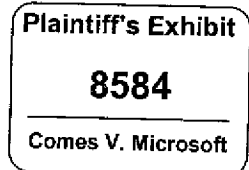
----- Original Message -----

From: Lonny McMichael
Sent: Tuesday, August 06, 2002 6:03 PM
To: Sue Glueck (LCA); Patty Esack; Eric Price
Subject: RE: atty. client priv. - RE: Sfp api and WM setup
Importance: High

ATTORNEY-CLIENT PRIVILEGED

I spoke with BrianV about this, and he wants to see this thread. Can you please add him (just on this small distribution)?

Thanks, Lonny



----- Original Message -----

From: Sue Glueck (LCA)
Sent: Tuesday, August 06, 2002 3:11 PM
To: Patty Esack; Eric Price
Cc: Lonny McMichael
Subject: FW: atty. client priv. - RE: Sfp api and WM setup

Patty and Eric: I'm forwarding this to you as background at Lonny's request. Please don't forward or reply on this thread - he'll start a new, unprivileged one.

----- Original Message -----

From: Sue Glueck (LCA)
Sent: Tuesday, August 06, 2002 3:10 PM
To: Lonny McMichael; Rob Short; Bob Fruth; Zach Robinson; Jamie Hunter; Scott Harrison; Mary Williamson (Preston Gates & Ellis)
Cc: Marian Trandafir; Mike Tricker; Gene Chellis; Aric Weiker; Chris Meyers (LCA); Richard B. Ward
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

Privileged

----- Original Message -----

From: Lonny McMichael
Sent: Tuesday, August 06, 2002 11:07 AM
To: Sue Glueck (LCA); Rob Short; Bob Fruth; Zach Robinson; Jamie Hunter; Scott Harrison; Mary Williamson (Preston Gates & Ellis)
Cc: Marian Trandafir; Mike Tricker; Gene Chellis; Aric Weiker; Chris Meyers (LCA); Richard B. Ward
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

ATTORNEY-CLIENT PRIVILEGED

Privileged

----- Original Message -----

From: Sue Glueck (LCA)
Sent: Tuesday, August 06, 2002 10:40 AM
To: Lonny McMichael; Rob Short; Bob Fruth; Zach Robinson; Jamie Hunter; Scott Harrison; Mary Williamson (Preston Gates & Ellis)
Cc: Marian Trandafir; Mike Tricker; Gene Chellis; Aric Weiker; Chris Meyers (LCA); Richard B. Ward
Subject: RE: atty. client priv. - RE: Sfp api and WM setup

Privileged

----- Original Message -----

From: Lonny McMichael
Sent: Tuesday, August 06, 2002 8:03 AM
To: Rob Short; Bob Fruth; Zach Robinson; Jamie Hunter; Scott Harrison; Sue Glueck (LCA); Mary Williamson (Preston Gates & Ellis)

Cc: Marian Trandafir; Mike Tricker
Subject: atty. client priv. - RE: Sfp api and WM setup
Importance: High

ATTORNEY-CLIENT PRIVILEGED

Privileged

----- Original Message -----

From: Rob Short
Sent: Friday, May 31, 2002 9:49 AM
To: Bob Fruth; Lonny McMichael; Zach Robinson; Jamie Hunter; Scott Harrison
Cc: Marian Trandafir; Brett Miller; Mike Tricker
Subject: RE: Sfp api and WM setup

Lets drop the discussion of whether we need to document things unless we have legal advice.

----- Original Message -----

From: Bob Fruth
Sent: Friday, May 31, 2002 9:42 AM
To: Lonny McMichael; Zach Robinson; Jamie Hunter; Scott Harrison
Cc: Marian Trandafir; Brett Miller; Rob Short; Mike Tricker
Subject: RE: Sfp api and WM setup
Importance: High

I second that opinion. The earlier misuse of the SFC APIs may result in our having to document them in one or more of the development kits. Moving forward, these APIs should not be used.

Bob

----- Original Message -----

From: Lonny McMichael
Sent: Friday, May 31, 2002 9:27 AM
To: Zach Robinson; Bob Fruth; Jamie Hunter; Scott Harrison
Cc: Marian Trandafir; Brett Miller; Rob Short
Subject: RE: Sfp api and WM setup
Importance: High

You will **NOT** use SFC APIs for WMP9. You need to remove this *ASAP*, and construct proper exception packages like everyone else.

----- Original Message -----

From: Zach Robinson
Sent: Thursday, May 30, 2002 7:59 PM
To: Bob Fruth; Jamie Hunter; Lonny McMichael; Scott Harrison
Cc: Marian Trandafir; Brett Miller
Subject: RE: Sfp api and WM setup

That's not a fundamental question as I'm aware of this thread, but I think that's because we're looking at this from different perspectives.

To get back to the purpose of the original thread - my understanding is that the old thread is moot in that WMP7 used the API, so we'll need to pursue the exception regardless.

To get back to the new thread -

Yes.

WM setup uses the SFC APIs because we could not get your-side support to get the Real Solution working back then. At this point, given SP1/SP3/WMP9 schedules, we can't remove it for WMP9 (which is generally complete). We are **enthusiastic** to work with you on getting rid of this usage for v.next. It's very unfortunate that we ever meandered down this path, but now that we've got the right people talking, we can work this out.

We'll be back with questions if the Exception Package installers don't work again, otherwise we have a definite plan of record.

> ----- Original Message -----

> **From:** Bob Fruth
> **Sent:** Friday, May 17, 2002 4:54 PM
> **To:** Zach Robinson; Jamie Hunter; Lonny McMichael; Scott Harrison
> **Cc:** Marian Trandafir; Brett Miller
> **Subject:** RE: Sfp api and WM setup

> So getting back to the fundamental question from below -

> > > Zach can you describe the bugs we hit with the existing sfp
> > > implementation that prompted us to use the SFC dll api directly

> Is your code still directly calling the SFC dll api? And if
> so, why and when will this call be removed? Thanks.

> Bob

> ----- Original Message -----

> **From:** Zach Robinson
> **Sent:** Friday, May 17, 2002 3:49 PM
> **To:** Jamie Hunter; Lonny McMichael; Bob Fruth; Scott Harrison

> **Cc:** Marian Trandafir; Brett Miller
> **Subject:** RE: Sfp api and WM setup

>
>
> Re Lonny's comment-

> I would agree. We looked into this angle many times, and
> Kirt pulled in some of his friends on the security teams to
> help us out in addition to whoever we pulled in from the NT
> setup side of the world. It never showed up under the
> debugger, thus seemingly evidencing a possible timing issue.

>
> If these issues vanished or got fixed - either way - that's
> fantastic. They just brought the Windows Media team to a
> crawl in the past.

>
> Perhaps it was just our bad luck not to deal directly with
> Lonny or Jamie - we got somebody else who perhaps wasn't as
> familiar with the code and didn't pass the issue onwards,
> presumably due to the mad scramble to get everything done.
> But the security side was most thoroughly checked out, so I'd
> be hesitant to think that that was the side. It seemed to be
> on the setupapi side, but perhaps that window has been lost
> if it's working for everyone else now.

> > --- Original Message ---

> > **From:** Jamie Hunter
> > **Sent:** Thursday, May 16, 2002 10:28 PM
> > **To:** Lonny McMichael; Zach Robinson; Bob Fruth; Scott Harrison
> > **Cc:** Manan Trandafir; Brett Miller
> > **Subject:** RE: Sfp api and WM setup

> > I don't recall any conversations off top of my head.

> > --- Original Message ---

> > **From:** Lonny McMichael
> > **Sent:** Thursday, May 16, 2002 9:47 PM
> > **To:** Zach Robinson; Bob Fruth; Scott Harrison
> > **Cc:** Marian Trandafir; Brett Miller; Jamie Hunter
> > **Subject:** RE: Sfp api and WM setup

> > I don't remember any conversations like this (Jamie, do you
> > remember this?).

> > At any rate, it is not necessary to request an exception for
> > a signed file. If you found it necessary, then this means
> > your package wasn't constructed/signed correctly.

> > --- Original Message ---

> > **From:** Zach Robinson
> > **Sent:** Thursday, May 16, 2002 8:28 PM
> > **To:** Bob Fruth; Scott Harrison
> > **Cc:** Manan Trandafir; Lonny McMichael; Brett Miller
> > **Subject:** RE: Sfp api and WM setup

> > I have not had time to sit down with this again due to tight
> > scheduling all around - as I'm sure you're all aware of too
> > On my side, it's SP3, SP1, .Net, and Windows Media 9 all
> > hitting major deadlines this month. I appreciate your patience.

> > I had not kept any notes I made previously. What I recollect
> > seeing were general failures of exception packages to install

> > the files in question correctly. Meaning that the dev would
> > install the daily build of WMP, and the files would simply
> > not be replaced by the exception install package. I believe
> > we got in touch with the setupapi & SFP peoples many many
> > times to sort all this out, and it finally came down to
> > "You're doing everything right as far as I can see and it
> > doesn't work."
> >
> > I believe the problem was in setupapi touching files without
> > calling SfpSetException (or whatnot) before touching them. I
> > suggested this and was told this wasn't necessary, which run
> > counter to the dev results I was seeing - I believe I made a
> > private build of setupapi with changes along these lines.
> >
> > I don't know if that SfpSetException change has been made by
> > now, but that's where I'd start looking. But if other
> > exception package creators are happy these days, perhaps the
> > issues have been resolved.

> > > --- Original Message ---

> > > **From:** Bob Fruth
> > > **Sent:** Thursday, May 16, 2002 8:07 PM
> > > **To:** Bob Fruth; Scott Harrison; Zach Robinson
> > > **Cc:** Marian Trandafir; Lonny McMichael; Brett Miller
> > > **Subject:** RE: Sfp api and WM setup

> > > Clearing out some old mail, what was the outcome of this
> > > investigation? Thanks.

> > > Bob

> > > --- Original Message ---

> > > **From:** Bob Fruth
> > > **Sent:** Wednesday, February 20, 2002 4:59 PM
> > > **To:** Scott Harrison; Zach Robinson
> > > **Cc:** Marian Trandafir; Lonny McMichael; Brett Miller
> > > **Subject:** RE: Sfp api and WM setup

> > > From my perspective, #2 is the way to go. Please articulate
> > > the bugs in question, so we can investigate further in
> > > SetupAPI and propose remedies. Thanks.

> > > Bob

> > > --- Original Message ---

> > > **From:** Scott Harrison
> > > **Sent:** Wednesday, February 20, 2002 4:56 PM
> > > **To:** Zach Robinson
> > > **Cc:** Marian Trandafir; Bob Fruth; Lonny McMichael; Brett Miller
> > > **Subject:** Sfp api and WM setup

> > > Zach can you describe the bugs we hit with the existing sfp
> > > implementation that prompted us to use the SFC dll api directly.

> > > I know the lack of file versioning is one issue are there others?

> > > As background for those not in the loop the current plans of
> > > the wm team are

- >>> 1) ask for and get approval for WM setup to use this
- >>> undocumented sfp api since it is a Windows Security API (we
- >>> do this with drm for example)
- >>>
- >>> 2) change code to not use undocumented security / wfp API if
- >>> exception is not granted (unknown what the work is involved
- >>> to do this)
- >>>
- >>> Documenting the SFP API is NOT part of this plan and is NOT
- >>> acceptable to anyone involved here.