

Re: [PATCH] split security_key_alloc into two functions

Re: [PATCH] split security_key_alloc into two functions

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-03/msg09571.html>

- *From:* David Howells <dhowells@xxxxxxxxxx>
 - *Date:* Tue, 28 Mar 2006 14:50:06 +0100
-

Serge E. Hallyn <serue@xxxxxxxxxx> wrote:

The security_key_alloc() function acted as both an authorizer and security structure allocation function. These roles should be separated. There are two reasons for this.

Your patch is part of what I had originally, but this was mildly objected to because SE Linux didn't care, so I dropped the post function for later resurrection. See the email thread rooted on:

```
| From: David Howells <dhowells@xxxxxxxxxx>  
| To: torvalds@xxxxxxxx, akpm@xxxxxxxx  
| Date: Wed, 05 Oct 2005 17:28:34 +0100  
| Cc: keyrings@xxxxxxxxxxxxxxxx, linux-kernel@xxxxxxxxxxxxxxxxxxx  
| Subject: [Keyrings] [PATCH] Keys: Add LSM hooks for key management
```

in which I included key_post_alloc():

```
/* publish the key by giving it a serial number */  
atomic_inc(&user->nkeys);  
key_alloc_serial(key);
```

```
- error:  
+ /* let the security module know the key has been published */  
+ security_key_post_alloc(key);  
+  
+error:
```

I'm happy with this patch, though I'd like the comment you can see in the above snippet to be added back into key.c too.

Note also that by the time the post function is called, it's a little late to be authorising creation of the key since the key has been published by that point.

Acked-By: David Howells <dhowells@xxxxxxxxxx>

Re: [PATCH] split security_key_alloc into two functions

Re: [PATCH] split security_key_alloc into two functions

—

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in the body of a message to majordomo@xxxxxxxxxxxxxxxxx

More majordomo info at <http://vger.kernel.org/majordomo-info.html>

Please read the FAQ at <http://www.tux.org/lkml/>