

strongSwan - Feature #273

Force USER_FQDN

03.01.2013 09:24 - Gabriel Werner

Status:	Closed	Start date:	03.01.2013
Priority:	Normal	Due date:	
Assignee:	Martin Willi	Estimated time:	0.00 hour
Category:	libstrongswan		
Target version:	5.1.0		
Resolution:	Fixed		

Description

The server told me to use "IPSecVPN" as USER_FQDN.
strongswan automatically parses this as FQDN, which the server doesn't accept.

I wrote a workaround (added it to strongswan-5.0.1/src/libstrongswan/utills/identification.c after line 993):

```
        if (*string == '@')
        {
            if (*(string + 1) == '#')
            {
                this = identification_create(ID_KEY_ID);
                string += 2;
                this->encoded = chunk_from_hex(
                                                                    chunk_create(string, strlen(string)), NULL);
                return &this->public;
            }
            else if (*(string + 1) == '@')
            {
                this = identification_create(ID_RFC822_ADDR);
                string += 2;
                this->encoded.len = strlen(string);
                if (this->encoded.len)
                {
                    this->encoded.ptr = strdup(string);
                }
                return &this->public;
            }
            else
            {
                this = identification_create(ID_FQDN);
                string += 1;
                this->encoded.len = strlen(string);
                if (this->encoded.len)
                {
                    this->encoded.ptr = strdup(string);
                }
                return &this->public;
            }
        }
    }
```

Now i write it down as @@IPSecVPN, but i don't think that is a nice way.

Maybe you have any idea to make this working another way, maybe a config or a prefix as in the certs (i had to use PSK, so i couldn't take it from the cert).

It would be pretty comfortable to import connections from .vpn or .ini files, even if its not a full support. It would be pretty easy to use, because this firewall-vpn-devices mostly export this configs.. even if i just would have a tool which gives me an output with a example configuration.

I think I'm not advanced enough with strongswan to write it myself.

Have a good day and a happy new year everyone

History

#1 - 03.01.2013 09:26 - Gabriel Werner

there are two "+" missing. one in front of the else if and one in front of this->encoded, but i think you already saw this :)

and also the += 2 is not displayed the right way.. here again:

```
        if (*string == '@')
        {
            if (*(string + 1) == '#')
            {
                this = identification_create(ID_KEY_ID);
                string += 2;
                this->encoded = chunk_from_hex(
                                                                chunk_create(string, strlen(string)),
NULL);
                return &this->public;
            }
+         else if (*(string + 1) == '@')
+         {
+             this = identification_create(ID_RFC822_ADDR);
+             string += 2;
+             this->encoded.len = strlen(string);
+             if (this->encoded.len)
+             {
+                 this->encoded.ptr = strdup(string);
+             }
+             return &this->public;
+         }
+     else
+     {
+         this = identification_create(ID_FQDN);
+         string += 1;
+         this->encoded.len = strlen(string);
+         if (this->encoded.len)
+         {
+             this->encoded.ptr = strdup(string);
+         }
+         return &this->public;
+     }
    }
```

#2 - 25.07.2013 10:33 - Tobias Brunner

- Description updated
- Category set to libstrongswan
- Status changed from New to Closed
- Assignee set to Martin Willi
- Target version set to 5.1.0
- Resolution set to Fixed

Commit [cb6c4e0430d5dd2aba9dfa0ef5f2e4f5b0c6455b](#), which will be included in [5.1.0](#), added support for this.