

## pfSense - Feature #2147

### Cert Manager - additional download button for .p12

01/28/2012 12:41 PM - Alexander Wilke

<b>Status:</b>	Resolved	<b>Start date:</b>	01/28/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	100%
<b>Category:</b>	Certificates	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Release Notes:</b>	Default
<b>Plus Target Version:</b>			

**Description**

Cert Manager in pfsense allows to download the .crt and .key file of CA and certificates. But on windows clients we need to have a .p12 file to import cert and key. This is realized in OpenVPN Export utility for example (configuration archive).

It would even make sense for other situations. So I could need it for freeradius2 package to export client certs for EAP-TLS.

#### Associated revisions

##### Revision be065c25 - 02/14/2012 12:52 PM - Jim Pingle

Add button to download a .p12 of a cert+key. Implements #2147

##### Revision eaf23c17 - 02/14/2012 01:53 PM - Jim Pingle

Add button to download a .p12 of a cert+key. Implements #2147

##### Revision eed5b507 - 09/10/2013 01:02 PM - Jim Pingle

Include CA in generated .p12 file. Fixes #2147 the way it was originally intended.

#### History

##### #1 - 02/02/2012 11:49 AM - Jim Pingle

The GUI uses PHP's built-in OpenSSL commands, and the Client Export package uses shell commands.

The PHP version of the pkcs12 export function doesn't have a way to include the CA from what I can see ( <http://php.net/manual/en/function.openssl-pkcs12-export.php>) and adapting the shell command method from the client export package would be somewhat involved the way it was designed. Possible, but not as easy as I was hoping it would be.

##### #2 - 02/02/2012 05:09 PM - Alexander Wilke

No need to include the CA.crt into pkcs12 (cert.crt + cert.key).

Just make a pkcs12 from the corresponding .crt and .key. (certificates tab)  
So as far as I can see that manual should do what we want.

The problem on Windows is that there is no way (as far as I know) to import just the plain .key file. That's why we need the pkcs12 which includes .key + .crt

I hope I do not write too confuse ;-)

**#3 - 02/02/2012 05:13 PM - Jim Pingle**

No that's fine, and that would work, but since you mentioned the client export package .p12 that's why I made the other notes. It wouldn't be consistent, but it may be acceptable.

**#4 - 02/14/2012 01:50 PM - Jim Pingle**

- *Status changed from New to Feedback*

- *% Done changed from 0 to 100*

Applied in changeset [eaf23c171704362fdf3d7e27200ffdf540642c20](#).

**#5 - 07/05/2012 06:27 PM - Jim Pingle**

- *Status changed from Feedback to Resolved*