

## Alpine Linux - Bug #2846

### exclude ca-certificate symlinks from overlay

04/17/2014 10:57 AM - Timo Teräs

<b>Status:</b>	Closed	<b>Start date:</b>	04/17/2014
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Natanael Copa	<b>% Done:</b>	100%
<b>Category:</b>	Base libraries	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Alpine 2.7.7	<b>Security IDs:</b>	
<b>Affected versions:</b>			
<b>Description</b>			
etc/ssl/certs is populated with symlinks for the system wide ca-certificates in /usr/share/ca-certificates. As these are maintained by the trigger, they should not go to overlay - they get rewritten anyway and just take up extra space and clutter lbu diff.			
Two solution options:			
1. rename these symlinks to be ca-cert-*.pem and update the protected_path mask to exclude these			
2. new apk-tools feature to exclude symlinks (that point outside) in certain path			
<a href="#">#2</a> seems very tricky to get right. So I'd prefer solution <a href="#">#1</a> .			
<b>Related issues:</b>			
Related to Alpine Linux - Bug #2715: exclude autogenerated ca-certificates.cr...		<b>Closed</b>	<b>02/25/2014</b>

#### Associated revisions

##### Revision af18a975 - 04/21/2014 04:11 PM - Timo Teräs

main/ca-certificates: rewrite update-ca-certificates in lua

fix also overlay protected paths to exclude generated links.  
ref #2846

##### Revision 5f8b675b - 04/21/2014 06:12 PM - Timo Teräs

main/update-ca-certificates: fix few minor issues in lua version

also optimize and cleanup the lua code a bit too. ref #2846

##### Revision 3ec43469 - 05/06/2014 01:26 PM - Timo Teräs

main/ca-certificates: rewrite update-ca-certificates in lua

fix also overlay protected paths to exclude generated links.  
ref #2846

(cherry picked from commit af18a975d8494f923d0ff3754dd250ffc641b6ef)

##### Revision 6590afe4 - 05/06/2014 01:27 PM - Timo Teräs

main/ca-certificates: fix few minor issues in lua version

also optimize and cleanup the lua code a bit too. fixes #2846

(cherry picked from commit 5f8b675b20728b5589dcd6216e0f154065aec7b8)

#### History

##### #1 - 04/18/2014 08:01 AM - Timo Teräs

Seems the openssl hashed links are also in that directory. So it is not possible to mandate a format for the symlinks. :(

I think update-ca-certificates also should be re-written in lua for Alpine. It is relatively slow as shell script.

##### #2 - 04/21/2014 03:41 PM - Natanael Copa

- Target version changed from Alpine 2.7.6 to Alpine 2.7.7

**#3 - 04/21/2014 06:23 PM - Timo Teräs**

- % Done changed from 0 to 90

**#4 - 04/21/2014 06:25 PM - Timo Teräs**

For reference the lua update-ca-certificates is steadily 0.25s on my arm box (the shell script was 3-20 seconds depending on if the box was doing anything else). I believe it has less race conditions too.

However, the new code does not call update-ca-certificate hooks; I think the original calling convention is broken, and I doubt we have anyone using them... so I'm leaving it like that.

**#5 - 05/06/2014 01:27 PM - Timo Teräs**

- Status changed from New to Resolved

- % Done changed from 90 to 100

Applied in changeset [6590afe4a24933efe65a267d65c59057438fe570](#).

**#6 - 05/06/2014 04:23 PM - Natanael Copa**

- Status changed from Resolved to Closed