

## FreeNAS - Bug #26984

### Resign Manifest so updates work

12/01/2017 06:06 PM - Peter Clifton

<b>Status:</b> Resolved	
<b>Priority:</b> Critical	
<b>Assignee:</b> Vaibhav Chauhan	
<b>Category:</b> OS	
<b>Target version:</b> Master - FreeNAS Nightlies	
<b>Seen in:</b> 11.1-RC1	<b>Needs Merging:</b> Yes
<b>Severity:</b> New	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>	<b>Hardware Configuration:</b>
<b>Needs QA:</b> No	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b> Yes	
<b>Description</b>	
<p>Hi,</p> <p>Having trouble installing update from 11.1-RC1 to 11.1-RC3, due to a bad manifest signature.</p> <pre>root@nas:/mnt/sassy # freenas-update -v check [freenasOS.Configuration:692] TryGetNetworkFile(["http://update-master.ixsystems.com/FreeNAS/FreeNAS-11.1-PRERELEASE/LATEST"]) [freenasOS.Configuration:822] TryGetNetworkFile(["http://update-master.ixsystems.com/FreeNAS/FreeNAS-11.1-PRERELEASE/LATEST"]): Read 2358 bytes total [freenasOS.Configuration:692] TryGetNetworkFile(["http://update-master.ixsystems.com/updates/ix_crl.pem"]) [freenasOS.Configuration:84] CheckFreeSpace(path=/tmp/tmp86_cjiw8.pem, pool=None, required=1028) [freenasOS.Configuration:822] TryGetNetworkFile(["http://update-master.ixsystems.com/updates/ix_crl.pem"]): Read 1028 bytes total [freenasOS.Update:926] Latest manifest has invalid signature: Signature verification failed [freenas-update:199] Manifest has invalid signature Manifest has invalid signature  manifest_util verify TryGetNetworkFile(["http://update-master.ixsystems.com/updates/ix_crl.pem"]) CheckFreeSpace(path=/tmp/tmpxa8ktqs0.pem, pool=None, required=1028) TryGetNetworkFile(["http://update-master.ixsystems.com/updates/ix_crl.pem"]): Read 1028 bytes total Verified  I extracted the MANIFEST file from the manual update tar file (and also, one for the RC1 manual update, and get this:  root@nas:/mnt/sassy # manifest_util -M MANIFEST verify TryGetNetworkFile(["http://update-master.ixsystems.com/updates/ix_crl.pem"]) CheckFreeSpace(path=/tmp/tmp7wmfk59f.pem, pool=None, required=1028) TryGetNetworkFile(["http://update-master.ixsystems.com/updates/ix_crl.pem"]): Read 1028 bytes total Bad Signature  Thoughts as to whether I've managed to mess up my system, or whether this is a wider problem?  I verified (via md5 sum check), that the contents of /usr/local/share/certs match those in the image inside the RC3 install ISO.  Any further steps I can take to debug this?</pre>	
<b>Related issues:</b>	
Has duplicate FreeNAS - Bug #26983: 11-stable mistaken for 11-nightlies by up... <b>Closed: Duplicate</b> 12/01/2017	
<b>History</b>	

**#1 - 12/01/2017 08:06 PM - survive -**

Hi guys,

I haven't checked nearly as thoroughly as the op, but I'm getting an error running 11.1-RC1 when I check through the GUI update button:

Update server could not be reached

Traceback

Traceback (most recent call last):

File "../freenasUI/system/views.py", line 1495, in update\_check

train=updateobj.get\_train(),

File "/usr/local/lib/freenasOS/Update.py", line 877, in CheckForUpdates

raise UpdateManifestNotFound("Manifest could not be found!")

freenasOS.Exceptions.UpdateManifestNotFound: Manifest could not be found!

-Will

**#2 - 12/01/2017 08:11 PM - survive -**

Hi guys,

So I grabbed the manual update .tar file from the ftp site and I get this:

Dec 1 22:08:47 filer-01 /freenas-update: [freenasOS.Update:1599] Could not load cached manifest file: Signature verification failed

Dec 1 22:08:47 filer-01 /freenas-update: [freenasOS.Update:926] Latest manifest has invalid signature: Signature verification failed

Dec 1 22:08:47 filer-01 /freenas-update: [freenas-update:199] Manifest has invalid signature

Dec 1 22:08:47 filer-01 uwsgi: [middleware.exceptions:36] [MiddlewareError: Failed to apply update Command '['/usr/local/bin/freenas-update', '-C', '/var/tmp/firmware', 'update']' returned non-zero exit status 1.: b"]

When I try & install.

-Will

**#3 - 12/01/2017 09:37 PM - Sean Fagan**

- Assignee changed from Release Council to Vaibhav Chauhan

Signed with the wrong key. VB?

**#4 - 12/02/2017 04:51 AM - Dru Lavigne**

- Priority changed from No priority to Important

- Target version set to 11.1

**#5 - 12/04/2017 07:37 AM - Kris Moore**

- Has duplicate Bug #26983: 11-stable mistaken for 11-nightlies by updater added

**#6 - 12/04/2017 07:37 AM - Kris Moore**

- Priority changed from Important to Critical

VB: Looks like it was improperly signed. Can you re-push the update and re-sign it?

**#7 - 12/04/2017 10:29 AM - Dru Lavigne**

- Subject changed from Can't update 11.1-RC1 to 11.1-RC3 (Manifest signature?) to Resign Manifest so updates work

**#8 - 12/04/2017 11:22 AM - Vaibhav Chauhan**

- Status changed from Unscreened to Screened

I have signed the updates with correct keys, QA is working on to verify this fixes the issue.

**#9 - 12/04/2017 12:00 PM - Dru Lavigne**

- Status changed from Screened to 47

- Target version changed from 11.1 to Master - FreeNAS Nightlies

**#10 - 12/04/2017 02:53 PM - Michael Dexter**

This I learned (thank you VB). The update can be done at the command line:

```
freenas-update -T FreeNAS-11.1-PRERELEASE check  
freenas-update -T FreeNAS-11.1-PRERELEASE update
```

Perhaps the error message should suggest this if a seatbelt is in place? Currently, the error message is not helpful.

**#11 - 12/04/2017 05:58 PM - survive -**

Hi guys,

I went ahead and updated my filer using the RC3 .iso over the weekend. That said, the behavior of the update check button in the GUI is now acting normally & returning no updates instead of a traceback error.

-Will

**#12 - 12/05/2017 06:29 AM - Peter Clifton**

I can confirm that my 2x boxes now update properly since the update has been resigned.

**#13 - 12/05/2017 07:14 AM - Bonnie Follweiler**

- Needs QA changed from Yes to No

- QA Status Test Passes FreeNAS added

- QA Status deleted (Not Tested)

This works in FreeNAS-11.1-INTERNAL2

**#14 - 12/05/2017 07:27 AM - Dru Lavigne**

*- Status changed from 47 to Resolved*