Tails - Feature #11979

Move Vagrant’s apt-cacher-ng data to a dedicated disk

11/21/2016 02:56 PM - intrigeri

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Elevated</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Category:</td>
<td>Build system</td>
</tr>
<tr>
<td>Target version:</td>
<td>Tails_3.0-rc1</td>
</tr>
<tr>
<td>Feature Branch:</td>
<td>wip/feature/11979-additional-disk-for-apt-cacher-ng</td>
</tr>
<tr>
<td>Type of work:</td>
<td>Code</td>
</tr>
<tr>
<td>Blueprint:</td>
<td></td>
</tr>
</tbody>
</table>

Start date: 11/21/2016
Due date:    
% Done: 100%
Estimated time: 0.00 hour
Spent time: 0.00 hour
Starter:     
Affected tool:    

Description
... so that it can be shared between various Vagrant VMs.

Related issues:
Blocks Tails - Feature #11980: Create and provision a new Vagrant VM for ever... Resolved 11/21/2016
Blocked by Tails - Feature #11972: Switch our Jenkins ISO build system to vag... Resolved 12/04/2016

Associated revisions
Revision f498eb97 - 11/28/2016 10:45 AM - bertagaz
Add a second disk to handle the apt-cacher-ng cache.
Will-fix: #11979

Revision bcbb5306 - 11/28/2016 11:04 AM - bertagaz
Make sure that the apt-cacher-ng cache disk is formated ad mounted.
Will-fix: #11979

Revision b5be680f - 11/29/2016 12:32 PM - bertagaz
Fix typo.
Will-fix: #11979

Revision 11abd24a - 11/29/2016 01:23 PM - bertagaz
Fix permissions on the acng cache mounted filesystem.
Will-fix: #11979

Revision df5292fc - 12/01/2016 12:23 PM - bertagaz
Use generic name for acng cache disk.
Otherwise it is guessed from the basebox name, and thus use a new acng disk each time the basebox name changes. We want to reuse this same uniq cache disk no matter the basebox.

05/04/2020
Revision b4a61666 - 12/01/2016 02:39 PM - bertagaz
Remove buggy code.

As /var/cache/apt-cacher-ng is not mounted automatically when an already existing vagrant builder is started, created, this part of the code was triggered without necessity. Better just remove it than trying to work around.

Will-fix: #11979

Revision afb31ea8 - 12/01/2016 04:58 PM - bertagaz
Fix typo.

Refs: #11979

Revision e257e9ff - 12/01/2016 05:03 PM - bertagaz
Don't use absolute path for acng data disk.

Seems not implemented "yet", says the error message.

Refs: #11979

Revision 79b7f9ca - 05/09/2017 12:03 PM - bertagaz
Merge remote-tracking branch 'origin/wip/11972-use-vagrant-in-jenkins' into stable

Fix-committed: #11972, #11979, #11980, #11981, #11006

History
#1 - 11/21/2016 02:56 PM - intrigeri
- Blocks Feature #11980: Create and provision a new Vagrant VM for every ISO build added

#2 - 11/29/2016 11:36 AM - bertagaz
- Status changed from Confirmed to In Progress

Applied in changeset f498eb97d5bd4ab8db455b2066b9a590c20b57bb.

#3 - 11/29/2016 03:09 PM - bertagaz
- Assignee set to anonym
- Target version set to Tails_2.9.1
- % Done changed from 0 to 50
- QA Check set to Ready for QA
- Feature Branch set to wip/feature/11979-additional-disk-for-apt-cacher-ng
Pushed a branch that works locally and in Jenkins (see the first Jenkins build mentioning vdb and the following build reusing it). Bonus point it migrates previous cache if apt-cacher-ng has already been used in the VM, even if that's not really part of the use case we want to support.

What do you say about reviewing that anonyn?

#4 - 12/03/2016 09:08 AM - bertagaz
bertagaz wrote:

Bonus point it migrates previous cache if apt-cacher-ng has already been used in the VM, even if that's not really part of the use case we want to support.

While working on #11980 I removed this part which was buggy and felt too much optimization. The diff is now pretty short and simple and it's quite robust (thanks to vagrant supporting the handling of such additional disks).

My previous note points to a job in Jenkins that is running this ticket branch and #11972 branch in Jenkins since then, without problem. Still #11972 has to be reviewed first, as this branch depends on it.

ame review policy than for this other ticket: if happy, please don't merge it, I'll take care of it, to get this deployed smoothly in Jenkins.

#5 - 12/03/2016 09:08 AM - bertagaz
- Blocked by Feature #11972: Switch our Jenkins ISO build system to vagrant-libvirt added

#6 - 12/07/2016 02:43 PM - anonym
- Assignee changed from anonym to bertagaz
- QA Check changed from Ready for QA to Dev Needed

#7 - 12/08/2016 03:18 PM - anonym
- % Done changed from 50 to 70
- QA Check changed from Dev Needed to Info Needed

This branch looks good to me and I'm happy you removed the acng migration code!

I have an idea: from my "spoiler" in #11972#note-14 I think it'd be a great idea to make this disk into tails-builder-common.qcow2, and also store the Git checkout there (what currently is called WORKSPACE -- that name is probably made sense in the beginning, but it's quite wrong these days so feel free to rename it). That way a full git clone is rarely needed, and the builds are speed up as much. Of course, then you shouldn't mount it on /var/cache/apt-cacher-ng any more. :)

What do you think?
I've pushed fixes so that the disk is ignored unless vmproxy is used, which is what we'll need when deploying this on Jenkins.

anonym wrote:

This branch looks good to me and I'm happy you removed the acng migration code!

I have an idea: from my "spoiler" in #11972#note-14 I think it'd be a great idea to make this disk into tails-builder-common.qcow2, and also store the Git checkout there (what currently is called WORKSPACE -- that name is probably made sense in the beginning, but it's quite wrong these days so feel free to rename it). That way a full git clone is rarely needed, and the builds are speed up as much. Of course, then you shouldn't mount it on /var/cache/apt-cacher-ng any more. :)

Let's skip this; we cannot do the same on Jenkins since it won't use this disk, so let's not complicate things.

At least I am affected by a nasty bug: https://github.com/vagrant-libvirt/vagrant-libvirt/issues/746

I think this will complicate #11980 since we probably will want to do a vagrant destroy when the build finishes. OTOH, we also need to be able to clean up existing old VMs even if vagrant/.vagrant is lost, and vagrant destroy cannot do that, so perhaps we need to use something else any way.

Note that I've merged this ticket's feature branch into wip/feature/11980-per-branch-vagrant-build-vm.

anonym wrote:

At least I am affected by a nasty bug: https://github.com/vagrant-libvirt/vagrant-libvirt/issues/746

I think this will complicate #11980 since we probably will want to do a vagrant destroy when the build finishes. OTOH, we also need to be able to clean up existing old VMs even if vagrant/.vagrant is lost, and vagrant destroy cannot do that, so perhaps we need to use something else any way.

In the end I I don't think a fixed vagrant destroy would have been good enough for us, and I implemented something different for #11981. Just to be clear: we are not blocked (and won't benefit) from this upstream vagrant-libvirt bug being solved.
anonym wrote:

I've pushed fixes so that the disk is ignored unless vmproxy is used, which is what we'll need when deploying this on Jenkins.

Made a review of the code. Seems ready to be merged for me, except:

- '$TAILS_OFFLINE_BUILD' in Rakefile does not exist.
- merging the base branch raises conflicts. Looks like it relates to the former remark. Care to fix that? :)

Meanwhile I'll run it locally. If it goes well, I'll merge it with your fix from my review.

intrigeri wrote:

- '$TAILS_OFFLINE_BUILD' in Rakefile does not exist.

I've fixed that on stable, devel, etc. earlier today.

intrigeri wrote:

- '$TAILS_OFFLINE_BUILD' in Rakefile does not exist.

I've fixed that on stable, devel, etc. earlier today.

Ok, nothing more raised by testing it. Ready to be merged, congrats! I'll do that together with #11980.
#19 - 04/20/2017 07:15 AM - intrigeri
- Priority changed from Normal to Elevated
- Target version changed from Tails_2.12 to Tails_3.0-rc1

(The plan is to complete this early in the 3.0 cycle, so it doesn't get in the way of 3.0-rc1 and 3.0 final.)

#20 - 05/09/2017 01:57 PM - bertagaz
- Status changed from In Progress to 11

Applied in changeset 79b7f9ca5f09584bcaa4d948bff56ca2d9f3a30a.

#21 - 05/10/2017 10:05 AM - bertagaz
- Assignee deleted (bertagaz)

#22 - 05/23/2017 09:04 AM - intrigeri
- Status changed from 11 to Resolved