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Subject: factory repo, should it be used or not?  
Posted by [javii](#) on Fri, 11 May 2018 08:31:09 GMT  
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Hi, I noticed latest version (openvz-iso-7.0.7-359.iso) comes with factory repo enabled, but in the factory.repo says it is only for developers.

What should we do?

Thank you!

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Subject: Re: factory repo, should it be used or not?  
Posted by [vaverin](#) on Fri, 11 May 2018 12:33:43 GMT  
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Dear javii,

it is our fail,  
factory repository should be disabled in stable branch.

We're going to release updated version soon,  
right now please disable factory repo manually.

Thank you for reporting this issue,  
sorry for our mistake,  
Vasily Averin

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Subject: Re: factory repo, should it be used or not?  
Posted by [alenco](#) on Tue, 22 May 2018 09:01:15 GMT  
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Hello Vasily,

Have multiple systems on a fresh install with all factory packages. Looks like those will be for 7.0.8?

Can you let us know when this version will become stable?

Thanks!

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Subject: Re: factory repo, should it be used or not?  
Posted by [vaverin](#) on Tue, 22 May 2018 09:37:41 GMT  
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vz7 update 8 is expected in month or even later.

However we're going to release an hotfix for update 7 with kernel fixes for "pop ss" and recent "Speculative Store Bypass" issues,  
so we'll publish updated openvz7.0.7 iso image with disabled factory repo.

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Subject: Re: factory repo, should it be used or not?

Posted by [alenco](#) on Tue, 22 May 2018 10:12:07 GMT

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Thanks for your quick response. It seems to be that the factory packages are directly retrieved from the latest CentOS 7, including latest kernel patches with vz7.50.1. So looks that only risk would be in the packages for virtuzzo?

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Subject: Re: factory repo, should it be used or not?

Posted by [vaverin](#) on Tue, 22 May 2018 13:21:10 GMT

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Hmm,

I'm not sure that I understand your question correctly.

Let's take look at

[https://download.openvz.org/virtuozzo/factory/x86\\_64/os/repo/view/](https://download.openvz.org/virtuozzo/factory/x86_64/os/repo/view/)

I see here our new kernel, guest tools, dispatcher, criu, libvirt, vzctl and anaconda,  
and I do not see here any packages directly retrieved from the latest CentOS 7.

We should not break original CentOS7 functionality (at least I hope so),  
but our own packages included into factory are not well tested.

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Subject: Re: factory repo, should it be used or not?

Posted by [wsap](#) on Fri, 25 May 2018 02:13:02 GMT

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vaverin wrote on Fri, 11 May 2018 09:33Dear javii,

it is our fail,  
factory repository should be disabled in stable branch.

We're going to release updated version soon,  
right now please disable factory repo manually.

To confirm, /etc/yum.repos.d has (among others):

- factory.repo
- openvz.repo
- vzlinux.repo

We are to disable everything in factory.repo as well as any entry with factory in the name (like virtuoxxolinux-factory) found in vzlinux.repo -- does that sound accurate?

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Subject: Re: factory repo, should it be used or not?  
Posted by [TomB](#) on Fri, 25 May 2018 18:47:51 GMT  
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vaverin wrote on Tue, 22 May 2018 15:21Hmm,

I'm not sure that I understand your question correctly.

Let's take look at

[https://download.openvz.org/virtuozzo/factory/x86\\_64/os/repo](https://download.openvz.org/virtuozzo/factory/x86_64/os/repo) view/

I see here our new kernel, guest tools, dispatcher, criu, libvirt, vzctl and anaconda, and I do not see here any packages directly retrieved from the latest CentOS 7.

We should not break original CentOS7 functionality (at least I hope so), but our own packages included into factory are not well tested.

I have one machine with the following error:

May 23 21:33:26 ovz7 kernel: BUG: unable to handle kernel paging request at 00000000ffffffec  
<freeze / downtime>

May 25 21:29:55 ovz7 journal: Runtime journal is using 8.0M (max allowed 150.0M, trying to leave

Is this the dev-kernel? The machine sometimes freezes with this kernel bug.

3.10.0-693.21.1.vz7.47.4 #1 SMP Sat Apr 28 11:48:07 MSK 2018 x86\_64 x86\_64 x86\_64  
GNU/Linux

I'm testing: 3.10.0-693.21.1.vz7.46.7 now.

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Subject: Re: factory repo, should it be used or not?  
Posted by [vaverin](#) on Sat, 26 May 2018 16:17:30 GMT  
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"I have one machine with the following error:

May 23 21:33:26 ovz7 kernel: BUG: unable to handle kernel paging request at 00000000ffffffec

Please check /var/crash directory, it should contain subdirectory with vmcore and vmcore-dmesg.txt files.

you you do not have such subdirectory -- please enable kdump service.

Then please submit bug into bugs.openvz.org

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Subject: Re: factory repo, should it be used or not?

Posted by [wsap](#) on Mon, 04 Jun 2018 01:22:10 GMT

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websavers wrote on Thu, 24 May 2018 23:13vaverin wrote on Fri, 11 May 2018 09:33Dear javii,

it is our fail,  
factory repository should be disabled in stable branch.

We're going to release updated version soon,  
right now please disable factory repo manually.

To confirm, /etc/yum.repos.d has (among others):

- factory.repo
- openvz.repo
- vzlinux.repo

We are to disable everything in factory.repo as well as any entry with factory in the name (like virtuoazzolinux-factory) found in vzlinux.repo -- does that sound accurate?

Since we never got a response from Virtuozzo devs (despite the factory repo being enabled being their screw-up) here's what fixes it:

```
yum-config-manager --disable factory
yum-config-manager --disable virtuoazzolinux-openvz-factory
yum-config-manager --disable virtuoazzolinux-factory
```

```
yum distribution-synchronization
```

Then reboot the node to ensure it boots into the new (security patched) kernel. The yum distribution-synchronization command will both install the newest kernel release and ensure all packages are no longer from factory.

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Subject: Re: factory repo, should it be used or not?

Posted by [javii](#) on Wed, 20 Mar 2019 08:25:18 GMT

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Everytime I dome some yum upgrades, factory repo gets enabled again, is it still a bug and we should manually disable factory repo everytime we update?

Regards

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Subject: Re: factory repo, should it be used or not?

Posted by [wsap](#) on Thu, 21 Mar 2019 07:06:40 GMT

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> Everytime I dome some yum upgrades, factory repo gets enabled again, is it still a bug and we should manually disable factory repo everytime we update?

We have not experienced this issue. Did you disable the repo properly in /etc/yum.repos.d/factory.repo ?

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Subject: Re: factory repo, should it be used or not?

Posted by [javii](#) on Thu, 21 Mar 2019 08:17:09 GMT

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I have manually disabled the repo setting enabled=0 in /etc/yum.repos.d/factory.repo, is this the right way?

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Subject: Re: factory repo, should it be used or not?

Posted by [wsap](#) on Fri, 03 May 2019 01:18:28 GMT

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javii wrote on Wed, 20 March 2019 05:25Everytime I dome some yum upgrades, factory repo gets enabled again, is it still a bug and we should manually disable factory repo everytime we update?

Regards

Update/Correction: we \*have\* now experienced this issue. Factory repos definitely were disabled, then ran yum update, all updates installed (to release versions of packages). But if you then run yum update again, it'll try to install factory releases for everything and upon checking the status of each repo, factory values were enabled again.

This seems to have begun at or around the 7.0.9 (440) release.

Clearly the virtuoizzo devs don't have this under control yet...

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Subject: Re: factory repo, should it be used or not?  
Posted by [wsap](#) on Mon, 20 May 2019 22:15:06 GMT  
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After having reproduced the issue of the factory repos re-enabling themselves after update to 7.0.9 we manually disabled the factory repos again. More recently we updated to 7.0.10 (254) and the factory repos did \*not\* re-enable themselves, so this is good

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