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Subject: Re: vzkernel-3.10.0-x releases stopped since Sept?

Posted by [khorenko](#) on Wed, 19 Dec 2018 10:23:50 GMT

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devnull wrote on Thu, 06 December 2018 01:55 Just one question, is there somewhere a guide (even a short note would be fine) to build a kernel - marked as stable - plus security fixes?

i'd say the easiest way is to

- \* get src.rpm of the latest stable kernel,
- \* unpack it "# rpm -ihv vzkernel-...src.rpm",
- \* get patches you want to apply (for example take from the devel email list or from vzkernel git tree)  
You can also take a look at the list of issues listed at ReadyKernel site - just for the reference which are worth to apply.
- \* put additional patches to apply into ~/rpmbuild/SOURCES/ and edit  
~/rpmbuild/SPEC/kernel.spec to apply new patches  
(take a look how it's done for linux-kernel-test.patch kernel.spec, do it similarly)
- \* don't forget to add some suffix to "%define ovzver" in kernel.spec
- \* and finally compile the kernel, command example:  
# cd ~/rpmbuild/SOURCES/ && rpmbuild -v --define "\_sourcedir \$PWD" -ba ../SPEC/kernel.spec

Or you can

- \* clone vzkernel git tree
  - \* checkout latest stable by tag
  - \* apply new patches you want (may be just cherry-pick them from later branches)
  - \* prepare a cumulative patch using a command for example:  
# git diff rh7-3.10.0-862.14.4.el7 | filterdiff -p 1 --clean -x configs/\* -x config.OpenVZ\* | xz >  
~/rpmbuild/SOURCES/patch-ovz.xz  
(instead of "rh7-3.10.0-862.14.4.el7" you should use a tags for RHEL kernel which your stable kernel is based on)  
For example for vzkernel-3.10.0-862.11.6.vz7.64.7.x86\_64.rpm the RHEL tag is  
"rh7-3.10.0-862.11.6.vz7.64.7.el7"
  - \* don't forget to add some suffix to "%define ovzver" in kernel.spec
  - \* and finally compile the kernel, command example:  
# cd ~/rpmbuild/SOURCES/ && rpmbuild -v --define "\_sourcedir \$PWD" -ba ../SPEC/kernel.spec
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