
Subject: Failed to build a Lustre Storage Client on OpenVZ Kernel!

Posted by [wszhang159](#) on Mon, 31 Oct 2016 10:17:35 GMT

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Hello! Everybody:

I'm trying to build a lustre client on OpenVZ kernel (042stab120.5, based on RHEL 6.8 kernel 2.6.32-642.6.1.el6), and some mistakes occurred:

(1) When build version v2_8_59_0 in git tag repo of Lustre, I encountered the following error:

```
"  
LD [M]      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/fld/ fld.o  
CC [M]      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/loop.o  
In file included from      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/loop.c:109:  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/llite_internal.h:1469: error:  
conflicting types for 'iov_iter_iovec'  
include/linux/fs.h:765: note: previous definition of 'iov_iter_iovec' was here  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/llite_internal.h: In function  
'iov_iter_iovec':  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/llite_internal.h:1472: error: 'const  
struct iov_iter' has no member named 'iov'  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/llite_internal.h:1473: error: 'const  
struct iov_iter' has no member named 'iov'  
cc1: warnings being treated as errors  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/llite_internal.h:1473: error: type  
defaults to 'int' in declaration of '_min2'  
...  
"
```

(2) When build older version v2_8_50_0 in git tag repo of Lustre, the following error display:

```
"  
CC [M]      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/vvp_lock.o  
CC [M]      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/vvp_io.o  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/vvp_io.c: In function  
'vvp_mmap_locks':  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/vvp_io.c:423: error: 'struct iov_iter'  
has no member named 'iov'  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/vvp_io.c: In function  
'vvp_io_advance':  
      /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/vvp_io.c:514: error: 'struct iov_iter'  
has no member named 'iov'  
...  
"
```

How can I fix the problem?

Thanks! Any suggestion is appreciated!

Best Wishes!
