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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/lloop.o
In file included from /opt/src/lustre_testvz/lustre_new/lustre-r161012/lustre/llit e/lloop.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!

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