

DKMS make.log for nvidia-legacy-304xx-304.131 for kernel 4.8.5 (i686)
dom 6 nov 2016, 09.18.25, CET

```
make: ingresso nella directory "/var/lib/dkms/nvidia-legacy-304xx/304.131/build"
make KBUILD_VERBOSE=1 -C /lib/modules/4.8.5/build M=/var/lib/dkms/nvidia-legacy-
304xx/304.131/build modules
make[1]: ingresso nella directory "/usr/src/linux-4.8.5"
test -e include/generated/autoconf.h -a -e include/config/auto.conf || (
    echo >&2;
    echo >&2 " ERROR: Kernel configuration is invalid." ;
    echo >&2 "      include/generated/autoconf.h or include/config/auto.conf are missing." ;
    echo >&2 "      Run 'make oldconfig && make prepare' on kernel src to fix it." ;
    echo >&2 ;
/bin/false)
mkdir -p /var/lib/dkms/nvidia-legacy-304xx/304.131/build/.tmp_versions ; rm -f
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.tmp_versions/*
make -f ./scripts/Makefile.build obj=/var/lib/dkms/nvidia-legacy-304xx/304.131/build
echo '#define NV_COMPILER \"`gcc -v 2>&1 | tail -n 1`\" > /var/lib/dkms/nvidia-legacy-
304xx/304.131/build/nv_compiler.h
gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv.o.d -nostdinc -isystem
/usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include/generated/uapi
-I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi
-I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef
-Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-
declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-
avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2
-march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding
-DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1
-DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1
-DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1
-DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-
delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0
-Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-
assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow
-fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time
-DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD
-Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM
-DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG
-U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=\"nv\""
-DKBUILD_MODNAME=""nvidia"" -c -o /var/lib/dkms/nvidia-legacy-
304xx/304.131/build/.tmp_nv.o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.c
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.c:13:
./include/asm-generic/qrwlock.h: In function 'queued_write_trylock':
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./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
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./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
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./include/linux/mmzone.h: In function 'next_zones_zonelist':
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
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    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))
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./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
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In file included from ./arch/x86/include/asm/preempt.h:5:0,
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.c:13:
./include/linux/percpu-refcount.h: In function 'percpu_ref_get_many':
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
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./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
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./include/linux/percpu-defs.h:364:11: note: in expansion of macro 'this_cpu_add_1'
    case 1: stem##1(variable, __VA_ARGS__);break; \
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./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
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./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
    this_cpu_add(*percpu_count, nr);
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./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
                ^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro 'this_cpu_add_2'
    case 2: stem##2(variable, __VA_ARGS__);break; \

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./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
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./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
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./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
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./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
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./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
 case 4: stem##4(variable, __VA_ARGS__);break; \
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./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
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#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
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./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
 case 1: stem##1(variable, __VA_ARGS__);break; \
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./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
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./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
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./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
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./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
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./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
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./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
 case 2: stem##2(variable, __VA_ARGS__);break; \
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./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
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In file included from ./include/uapi/linux/stddef.h:1:0,
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      from ./include/linux/capability.h:15,
      from ./include/linux/sched.h:15,
      from ./include/linux/utsname.h:5,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.c:13:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
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#define likely(x) __builtin_expect(!!(x), 1)
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     from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.c:13:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
    ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
    ^
if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv.o"; fi; fi;
gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-acpi.o.d -nostdinc -isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding -DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1 -DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1 -DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1 -DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0 -Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow -fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time -DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD -Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM -DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG -U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=\"nv_acpi\" -DKBUILD_MODNAME=\"nvidia\" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-acpi.c
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    this_cpu_add(*percpu_count, nr);
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./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
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./include/linux/percpu-defs.h:365:11: note: in expansion of macro 'this_cpu_add_2'
    case 2: stem##2(variable, __VA_ARGS__);break; \

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 case 4: stem##4(variable, __VA_ARGS__);break; \
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 case 1: stem##1(variable, __VA_ARGS__);break; \
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 case 2: stem##2(variable, __VA_ARGS__);break; \
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 case 4: stem##4(variable, __VA_ARGS__);break; \
 ^

./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
 ^

./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
 ^

./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
 this_cpu_sub(*percpu_count, nr);
 ^

In file included from ./include/uapi/linux/stddef.h:1:0,
 from ./include/linux/stddef.h:4,
 from ./include/uapi/linux/posix_types.h:4,
 from ./include/uapi/linux/types.h:13,
 from ./include/linux/types.h:5,
 from ./include/uapi/linux/capability.h:16,
 from ./include/linux/capability.h:15,
 from ./include/linux/sched.h:15,
 from ./include/linux/utsname.h:5,
 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-acpi.c:15:

./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
 if (likely(sz < 0 || sz >= n)) {
 ^

./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
define likely(x) __builtin_expect(!!(x), 1)
 ^

./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
 if (likely(sz < 0 || sz >= n)) {

```

^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
     from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-acpi.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
    ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
    ^
if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-acpi.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-acpi.o"; fi; fi;
gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-chrdev.o.d -nostdinc -isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding -DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1 -DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1 -DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1 -DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0 -Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow -fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time -DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD -Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM -DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG -U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME="nv_chrdev" -DKBUILD_MODNAME="nvidia" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/.tmp_nv-chrdev.o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.c
In file included from ./include/uapi/linux/stddef.h:1:0,
     from ./include/linux/stddef.h:4,
     from ./include/uapi/linux/posix_types.h:4,
     from ./include/uapi/linux/types.h:13,
     from ./include/linux/types.h:5,
     from ./include/uapi/linux/capability.h:16,
     from ./include/linux/capability.h:15,
     from ./include/linux/sched.h:15,
     from ./include/linux/utsname.h:5,
     from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
     from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.c:15:
```

```

./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:
./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
./include/linux/mmzone.h: In function ‘next_zones_zonelist’:
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
In file included from ./arch/x86/include/asm/preempt.h:5:0,
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.c:15:
./include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
  case 1: stem##1(variable, __VA_ARGS__);break; \
               ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
               ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
               ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’

```

```
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
this_cpu_add(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro 'this_cpu_add_4'
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
this_cpu_add(*percpu_count, nr);
^
./include/linux/percpu-refcount.h: In function 'percpu_ref_put_many':
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro 'this_cpu_add_1'
case 1: stem##1(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro 'this_cpu_add'
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro 'this_cpu_sub'
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro 'this_cpu_add_2'
```

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case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
      from ./include/linux/stddef.h:4,
      from ./include/uapi/linux/posix_types.h:4,
      from ./include/uapi/linux/types.h:13,
      from ./include/linux/types.h:5,
      from ./include/uapi/linux/capability.h:16,
      from ./include/linux/capability.h:15,
      from ./include/linux/sched.h:15,
      from ./include/linux/utsname.h:5,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!!x), 1
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]

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```

if (likely(sz < 0 || sz >= n)) {
    ^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
    ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
        ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
        ^
    if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-chrdev.o"; fi; fi;
    gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-cray.o.d -nostdinc -isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include -I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding -DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1 -DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1 -DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1 -DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0 -Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow -fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time -DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD -Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM -DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG -U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=""nv_cray"" -DKBUILD_MODNAME=""nvidia"" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.c
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.c:15:

```

```

./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:
./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
./include/linux/mmzone.h: In function ‘next_zones_zonelist’:
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
In file included from ./arch/x86/include/asm/preempt.h:5:0,
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.c:15:
./include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
  case 1: stem##1(variable, __VA_ARGS__);break; \
               ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
               ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
               ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’

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```
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
this_cpu_add(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
this_cpu_add(*percpu_count, nr);
^
./include/linux/percpu-refcount.h: In function ‘percpu_ref_put_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
case 1: stem##1(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
```

```

case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
      from ./include/linux/stddef.h:4,
      from ./include/uapi/linux/posix_types.h:4,
      from ./include/uapi/linux/types.h:13,
      from ./include/linux/types.h:5,
      from ./include/uapi/linux/capability.h:16,
      from ./include/linux/capability.h:15,
      from ./include/linux/sched.h:15,
      from ./include/linux/utsname.h:5,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!!x), 1
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]

```

```

if (likely(sz < 0 || sz >= n)) {
    ^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
    ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
        ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
        ^
    if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-cray.o"; fi; fi;
    gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-drm.o.d -nostdinc -isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include -I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding -DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1 -DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1 -DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1 -DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0 -Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow -fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time -DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD -Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM -DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG -U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=""nv_drm""
-DKBUILD_MODNAME=""nvidia"" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.c
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.c:15:

```

```
./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:  
.include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer  
expressions [-Wsign-compare]  
    cnts, cnts | _QW_LOCKED) == cnts);  
          ^  
.include/linux/compiler.h:167:40: note: in definition of macro ‘likely’  
# define likely(x) __builtin_expect(!!(x), 1)  
          ^  
.include/linux/mmzone.h: In function ‘next_zones_zonelist’:  
.include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer  
expressions [-Wsign-compare]  
    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))  
          ^  
.include/linux/compiler.h:167:40: note: in definition of macro ‘likely’  
# define likely(x) __builtin_expect(!!(x), 1)  
          ^  
In file included from ./arch/x86/include/asm/preempt.h:5:0,  
    from ./include/linux/preempt.h:59,  
    from ./include/linux/spinlock.h:50,  
    from ./include/linux/seqlock.h:35,  
    from ./include/linux/time.h:5,  
    from ./include/uapi/linux/timex.h:56,  
    from ./include/linux/timex.h:56,  
    from ./include/linux/sched.h:19,  
    from ./include/linux/utsname.h:5,  
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,  
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.c:15:  
.include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:  
.arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer  
expressions [-Wsign-compare]  
    ((val) == 1 || (val) == -1)) ? \  
          ^  
.arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’  
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)  
          ^  
.include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’  
  case 1: stem##1(variable, __VA_ARGS__);break; \  
          ^  
.include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’  
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)  
          ^  
.include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’  
  this_cpu_add(*percpu_count, nr);  
          ^  
.arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer  
expressions [-Wsign-compare]  
    ((val) == 1 || (val) == -1)) ? \  
          ^  
.arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’  
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)  
          ^  
.include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
```

```
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
this_cpu_add(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
this_cpu_add(*percpu_count, nr);
^
./include/linux/percpu-refcount.h: In function ‘percpu_ref_put_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
case 1: stem##1(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
```

```

case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
      from ./include/linux/stddef.h:4,
      from ./include/uapi/linux/posix_types.h:4,
      from ./include/uapi/linux/types.h:13,
      from ./include/linux/types.h:5,
      from ./include/uapi/linux/capability.h:16,
      from ./include/linux/capability.h:15,
      from ./include/linux/sched.h:15,
      from ./include/linux/utsname.h:5,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!!x), 1
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]

```

```

if (likely(sz < 0 || sz >= n)) {
    ^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
    ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
        ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
        ^
    if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-drm.o"; fi; fi;
    gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-gvi.o.d -nostdinc -isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include -I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding -DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1 -DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1 -DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1 -DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0 -Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow -fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time -DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD -Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM -DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG -U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME="nv_gvi"
-DKBUILD_MODNAME="nvidia" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.c
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.c:15:

```

```

./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:
./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
./include/linux/mmzone.h: In function ‘next_zones_zonelist’:
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
In file included from ./arch/x86/include/asm/preempt.h:5:0,
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.c:15:
./include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
  case 1: stem##1(variable, __VA_ARGS__);break; \
               ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
               ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
               ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’

```

```
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
this_cpu_add(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro 'this_cpu_add_4'
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
this_cpu_add(*percpu_count, nr);
^
./include/linux/percpu-refcount.h: In function 'percpu_ref_put_many':
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro 'this_cpu_add_1'
case 1: stem##1(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro 'this_cpu_add'
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro 'this_cpu_sub'
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro 'this_cpu_add_2'
```

```

case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
      from ./include/linux/stddef.h:4,
      from ./include/uapi/linux/posix_types.h:4,
      from ./include/uapi/linux/types.h:13,
      from ./include/linux/types.h:5,
      from ./include/uapi/linux/capability.h:16,
      from ./include/linux/capability.h:15,
      from ./include/linux/sched.h:15,
      from ./include/linux/utsname.h:5,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!!x), 1
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]

```

```

if (likely(sz < 0 || sz >= n)) {
    ^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
    ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
        ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
        ^
    if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-gvi.o"; fi; fi;
gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-i2c.o.d -nostdinc -isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include -I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include -I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include ./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security -std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float -mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686 -mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding -DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1 -DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1 -DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1 -DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0 -Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow -fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time -DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD -Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM -DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG -U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=""nv_i2c""
-DKBUILD_MODNAME=""nvidia"" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.c
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.c:15:

```

```

./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:
./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
./include/linux/mmzone.h: In function ‘next_zones_zonelist’:
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))
               ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
               ^
In file included from ./arch/x86/include/asm/preempt.h:5:0,
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.c:15:
./include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
  case 1: stem##1(variable, __VA_ARGS__);break; \
               ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
               ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
               ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
               ^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
               ^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’

```

```
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
this_cpu_add(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro 'this_cpu_add_4'
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
this_cpu_add(*percpu_count, nr);
^
./include/linux/percpu-refcount.h: In function 'percpu_ref_put_many':
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro 'this_cpu_add_1'
case 1: stem##1(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro 'this_cpu_add'
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro 'this_cpu_sub'
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro 'this_cpu_add_2'
```

```

case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
      from ./include/linux/stddef.h:4,
      from ./include/uapi/linux/posix_types.h:4,
      from ./include/uapi/linux/types.h:13,
      from ./include/linux/types.h:5,
      from ./include/uapi/linux/capability.h:16,
      from ./include/linux/capability.h:15,
      from ./include/linux/sched.h:15,
      from ./include/linux/utsname.h:5,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
      from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!!x), 1
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]

```

```

if (likely(sz < 0 || sz >= n)) {
    ^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
    ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
        ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
        ^
    if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-i2c.o"; fi; fi;
    gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-mempool.o.d -nostdinc
-isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include
-I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include
-I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include
./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-
strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security
-std=gnu89 -mno-sse -mno-mmxa -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float
-mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686
-mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding
-DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1
-DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1
-DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1
-DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-
delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0
-Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-
assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow
-fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time
-DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD
-Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM
-DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG
-U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=\"nv_mempool\""
-DKBUILD_MODNAME=\"nvidia\" -c -o /var/lib/dkms/nvidia-legacy-
304xx/304.131/build/.tmp_nv-mempool.o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-
mempool.c
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,

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    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mempool.c:15:
./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:
./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
    ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!! (x), 1)
    ^
./include/linux/mmzone.h: In function ‘next_zones_zonelist’:
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (likely (!nodes && zonelist_zone_idx (z) <= highest_zoneidx))
    ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect (!! (x), 1)
    ^
```

In file included from ./arch/x86/include/asm/preempt.h:5:0,

```
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mempool.c:15:
./include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
    ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
    ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
  case 1: stem##1(variable, __VA_ARGS__); break; \
    ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__percpu_size_call’
#define this_cpu_add(pcp, val) __percpu_size_call(this_cpu_add_, pcp, val)
    ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
    ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
    ^
```

```
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
```

```
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
  case 2: stem##2(variable, __VA_ARGS__);break; \
  ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
  ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
  ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
  ((val) == 1 || (val) == -1)) ? \
  ^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
  ^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
  case 4: stem##4(variable, __VA_ARGS__);break; \
  ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
  ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
  this_cpu_add(*percpu_count, nr);
  ^
./include/linux/percpu-refcount.h: In function ‘percpu_ref_put_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
  ((val) == 1 || (val) == -1)) ? \
  ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
  ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
  case 1: stem##1(variable, __VA_ARGS__);break; \
  ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
  ^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
  ^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
  this_cpu_sub(*percpu_count, nr);
  ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
  ((val) == 1 || (val) == -1)) ? \
  ^
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
```

```

^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mempool.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!(x), 1)
^
./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
```

```

./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
    if (likely(sz < 0 || sz >= n)) {
        ^
./include/linux/compiler.h:167:40: note: in definition of macro 'likely'
#define likely(x) __builtin_expect(!!(x), 1)
        ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mempool.c:15:
./include/linux/pagemap.h: In function 'fault_in_pages_writeable':
./include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (span > 2 * PAGE_SIZE)
        ^
./include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (ret == 0 && span > PAGE_SIZE)
        ^
    if [ "-pg" = "-pg" ]; then if [ /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mempool.o != "scripts/mod/empty.o" ]; then ./scripts/recordmcount "/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mempool.o"; fi; fi;
    gcc -Wp,-MD,/var/lib/dkms/nvidia-legacy-304xx/304.131/build/.nv-mlock.o.d -nostdinc
-isystem /usr/lib/gcc/i586-linux-gnu/4.9/include -I./arch/x86/include
-I./arch/x86/include/generated/uapi -I./arch/x86/include/generated -I./include
-I./arch/x86/include/uapi -I./include/uapi -I./include/generated/uapi -include
./include/linux/kconfig.h -D__KERNEL__ -Wall -Wundef -Wstrict-prototypes -Wno-trigraphs -fno-
strict-aliasing -fno-common -Werror-implicit-function-declaration -Wno-format-security
-std=gnu89 -mno-sse -mno-mmx -mno-sse2 -mno-3dnow -mno-avx -m32 -msoft-float
-mregparm=3 -freg-struct-return -fno-pic -mpreferred-stack-boundary=2 -march=i686
-mtune=generic -maccumulate-outgoing-args -Wa,-mtune=generic32 -ffreestanding
-DCONFIG_AS_CFI=1 -DCONFIG_AS_CFI_SIGNAL_FRAME=1
-DCONFIG_AS_CFI_SECTIONS=1 -DCONFIG_AS_SSSE3=1 -DCONFIG_AS_CRC32=1
-DCONFIG_AS_AVX=1 -DCONFIG_AS_AVX2=1 -DCONFIG_AS_SHA1_NI=1
-DCONFIG_AS_SHA256_NI=1 -pipe -Wno-sign-compare -fno-asynchronous-unwind-tables -fno-
delete-null-pointer-checks -Wno-maybe-uninitialized -O2 --param=allow-store-data-races=0
-Wframe-larger-than=1024 -fstack-protector -Wno-unused-but-set-variable -fno-var-tracking-
assignments -g -pg -Wdeclaration-after-statement -Wno-pointer-sign -fno-strict-overflow
-fconserve-stack -Werror=implicit-int -Werror=strict-prototypes -Werror=date-time
-DCC_HAVE_ASM_GOTO -I/var/lib/dkms/nvidia-legacy-304xx/304.131/build -Wall -MD
-Wsign-compare -Wno-cast-qual -Wno-error -D__KERNEL__ -DMODULE -DNVRM
-DNV_VERSION_STRING=\"304.131\" -Wno-unused-function -Wuninitialized -UDEBUG
-U_DEBUG -DNDEBUG -DMODULE -DKBUILD_BASENAME=\"nv_mlock\""
-DKBUILD_MODNAME=\"nvidia\" -c -o /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-
mlock.c
In file included from ./include/uapi/linux/stddef.h:1:0,
     from ./include/linux/stddef.h:4,
     from ./include/uapi/linux/posix_types.h:4,
     from ./include/uapi/linux/types.h:13,
     from ./include/linux/types.h:5,
     from ./include/uapi/linux/capability.h:16,
     from ./include/linux/capability.h:15,

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from ./include/linux/sched.h:15,
from ./include/linux/utsname.h:5,
from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./include/asm-generic/qrwlock.h: In function ‘queued_write_trylock’:
./include/asm-generic/qrwlock.h:106:36: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    cnts, cnts | _QW_LOCKED) == cnts);
    ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
    ^
./include/linux/mmzone.h: In function ‘next_zones_zonelist’:
./include/linux/mmzone.h:991:44: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    if (likely(!nodes && zonelist_zone_idx(z) <= highest_zoneidx))
    ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)
    ^
In file included from ./arch/x86/include/asm/preempt.h:5:0,
    from ./include/linux/preempt.h:59,
    from ./include/linux/spinlock.h:50,
    from ./include/linux/seqlock.h:35,
    from ./include/linux/time.h:5,
    from ./include/uapi/linux/timex.h:56,
    from ./include/linux/timex.h:56,
    from ./include/linux/sched.h:19,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./include/linux/percpu-refcount.h: In function ‘percpu_ref_get_many’:
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
    ^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
    ^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro ‘this_cpu_add_1’
    case 1: stem##1(variable, __VA_ARGS__);break; \
    ^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
    ^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro ‘this_cpu_add’
    this_cpu_add(*percpu_count, nr);
    ^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
    ((val) == 1 || (val) == -1)) ? \
    ^

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```
./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro 'this_cpu_add_2'
  case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
  this_cpu_add(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
  ((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro 'this_cpu_add_4'
  case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-refcount.h:175:3: note: in expansion of macro 'this_cpu_add'
  this_cpu_add(*percpu_count, nr);
^
./include/linux/percpu-refcount.h: In function 'percpu_ref_put_many':
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
  ((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:419:34: note: in expansion of macro 'percpu_add_op'
#define this_cpu_add_1(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:364:11: note: in expansion of macro 'this_cpu_add_1'
  case 1: stem##1(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro '__pcpu_size_call'
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro 'this_cpu_add'
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro 'this_cpu_sub'
  this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
  ((val) == 1 || (val) == -1)) ? \
^
```

```

./arch/x86/include/asm/percpu.h:420:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_2(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:365:11: note: in expansion of macro ‘this_cpu_add_2’
case 2: stem##2(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
./arch/x86/include/asm/percpu.h:130:31: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
((val) == 1 || (val) == -1)) ? \
^
./arch/x86/include/asm/percpu.h:421:34: note: in expansion of macro ‘percpu_add_op’
#define this_cpu_add_4(pcp, val) percpu_add_op((pcp), val)
^
./include/linux/percpu-defs.h:366:11: note: in expansion of macro ‘this_cpu_add_4’
case 4: stem##4(variable, __VA_ARGS__);break; \
^
./include/linux/percpu-defs.h:496:33: note: in expansion of macro ‘__pcpu_size_call’
#define this_cpu_add(pcp, val) __pcpu_size_call(this_cpu_add_, pcp, val)
^
./include/linux/percpu-defs.h:506:33: note: in expansion of macro ‘this_cpu_add’
#define this_cpu_sub(pcp, val) this_cpu_add(pcp, -(typeof(pcp))(val))
^
./include/linux/percpu-refcount.h:274:3: note: in expansion of macro ‘this_cpu_sub’
this_cpu_sub(*percpu_count, nr);
^
In file included from ./include/uapi/linux/stddef.h:1:0,
    from ./include/linux/stddef.h:4,
    from ./include/uapi/linux/posix_types.h:4,
    from ./include/uapi/linux/types.h:13,
    from ./include/linux/types.h:5,
    from ./include/uapi/linux/capability.h:16,
    from ./include/linux/capability.h:15,
    from ./include/linux/sched.h:15,
    from ./include/linux/utsname.h:5,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
    from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./arch/x86/include/asm/uaccess.h: In function ‘copy_from_user’:
./arch/x86/include/asm/uaccess.h:721:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
#define likely(x) __builtin_expect(!!(x), 1)

```

^

./arch/x86/include/asm/uaccess.h: In function ‘copy_to_user’:
./arch/x86/include/asm/uaccess.h:741:26: warning: comparison between signed and unsigned
integer expressions [-Wsign-compare]
if (likely(sz < 0 || sz >= n)) {
 ^
./include/linux/compiler.h:167:40: note: in definition of macro ‘likely’
define likely(x) __builtin_expect(!!(x), 1)
 ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:157:0,
 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
.include/linux/pagemap.h: In function ‘fault_in_pages_writeable’:
.include/linux/pagemap.h:533:11: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
if (span > 2 * PAGE_SIZE)
 ^
.include/linux/pagemap.h:540:23: warning: comparison between signed and unsigned integer
expressions [-Wsign-compare]
if (ret == 0 && span > PAGE_SIZE)
 ^
In file included from ./arch/x86/include/asm/processor.h:15:0,
 from ./arch/x86/include/asm/cpufeature.h:4,
 from ./arch/x86/include/asm/thread_info.h:52,
 from ./include/linux/thread_info.h:54,
 from ./arch/x86/include/asm/preempt.h:6,
 from ./include/linux/preempt.h:59,
 from ./include/linux/spinlock.h:50,
 from ./include/linux/seqlock.h:35,
 from ./include/linux/time.h:5,
 from ./include/uapi/linux/timex.h:56,
 from ./include/linux/timex.h:56,
 from ./include/linux/sched.h:19,
 from ./include/linux/utsname.h:5,
 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:42,
 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c: In function ‘nv_lock_user_pages’:
.arch/x86/include/asm/current.h:17:17: warning: passing argument 1 of ‘get_user_pages’ makes
integer from pointer without a cast
#define current get_current()
 ^
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:52:26: note: in expansion of macro
‘current’
 ret = get_user_pages(current, mm, (unsigned long)address,
 ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:84:0,
 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
.include/linux/mm.h:1293:6: note: expected ‘long unsigned int’ but argument is of type ‘struct
task_struct *’
long get_user_pages(unsigned long start, unsigned long nr_pages,
 ^
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:52:35: warning: passing argument 2
of ‘get_user_pages’ makes integer from pointer without a cast

```
ret = get_user_pages(current, mm, (unsigned long)address,
                     ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:84:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./include/linux/mm.h:1293:6: note: expected 'long unsigned int' but argument is of type 'struct
mm_struct *'
long get_user_pages(unsigned long start, unsigned long nr_pages,
                     ^
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:53:25: warning: passing argument 5
of 'get_user_pages' makes pointer from integer without a cast
    page_count, write, force, user_pages, NULL);
                     ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:84:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./include/linux/mm.h:1293:6: note: expected 'struct page **' but argument is of type 'NvBool'
long get_user_pages(unsigned long start, unsigned long nr_pages,
                     ^
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:53:32: warning: passing argument 6
of 'get_user_pages' makes pointer from integer without a cast
    page_count, write, force, user_pages, NULL);
                     ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:84:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./include/linux/mm.h:1293:6: note: expected 'struct vm_area_struct **' but argument is of type
'NvBool'
long get_user_pages(unsigned long start, unsigned long nr_pages,
                     ^
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:52:11: error: too many arguments to
function 'get_user_pages'
    ret = get_user_pages(current, mm, (unsigned long)address,
                     ^
In file included from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-linux.h:84:0,
                 from /var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:15:
./include/linux/mm.h:1293:6: note: declared here
long get_user_pages(unsigned long start, unsigned long nr_pages,
                     ^
/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.c:65:13: error: implicit declaration of
function 'page_cache_release' [-Werror=implicit-function-declaration]
    page_cache_release(user_pages[i]);
                     ^
cc1: some warnings being treated as errors
scripts/Makefile.build:289: set di istruzioni per l'obiettivo "/var/lib/dkms/nvidia-legacy-
304xx/304.131/build/nv-mlock.o" non riuscito
make[2]: *** [/var/lib/dkms/nvidia-legacy-304xx/304.131/build/nv-mlock.o] Errore 1
Makefile:1471: set di istruzioni per l'obiettivo "_module_/_var/lib/dkms/nvidia-legacy-
304xx/304.131/build" non riuscito
make[1]: *** [_module_/_var/lib/dkms/nvidia-legacy-304xx/304.131/build] Errore 2
make[1]: uscita dalla directory "/usr/src/linux-4.8.5"
Makefile:35: set di istruzioni per l'obiettivo "modules" non riuscito
make: *** [modules] Errore 2
make: uscita dalla directory "/var/lib/dkms/nvidia-legacy-304xx/304.131/build"
```