

[PATCH 04/40] KVM: x86 emulator: group decoding for group 1A

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-03/msg11994.html>

- *From:* Avi Kivity <avi@xxxxxxxxxxxxx>
 - *Date:* Mon, 31 Mar 2008 17:36:48 +0300
-

This adds group decode support for opcode 0x8f.

Signed-off-by: Avi Kivity <avi@xxxxxxxxxxxxx>

arch/x86/kvm/x86_emulate.c | 8 ++++++
1 files changed, 7 insertions(+), 1 deletions(-)

diff --git a/arch/x86/kvm/x86_emulate.c b/arch/x86/kvm/x86_emulate.c
index 46ecf34..cf1ce7c 100644

--- a/arch/x86/kvm/x86_emulate.c

+++ b/arch/x86/kvm/x86_emulate.c

@@ -69,6 +69,10 @@

#define GroupDual (1<<15) /* Alternate decoding of mod == 3 */

#define GroupMask 0xff /* Group number stored in bits 0:7 */

+enum {

+ Group1A,

+};

+

static u16 opcode_table[256] = {

/* 0x00 - 0x07 */

ByteOp | DstMem | SrcReg | ModRM, DstMem | SrcReg | ModRM,

@@ -133,7 +137,7 @@ static u16 opcode_table[256] = {

/* 0x88 - 0x8F */

ByteOp | DstMem | SrcReg | ModRM | Mov, DstMem | SrcReg | ModRM | Mov,

ByteOp | DstReg | SrcMem | ModRM | Mov, DstReg | SrcMem | ModRM | Mov,

- 0, ModRM | DstReg, 0, DstMem | SrcNone | ModRM | Mov | Stack,

+ 0, ModRM | DstReg, 0, Group | Group1A,

/* 0x90 - 0x9F */

0, 0, 0, 0, 0, 0, 0, 0,

0, 0, 0, 0, ImplicitOps | Stack, ImplicitOps | Stack, 0, 0,

@@ -233,6 +237,8 @@ static u16 twobyte_table[256] = {

};

static u16 group_table[] = {

+ [Group1A*8] =

+ DstMem | SrcNone | ModRM | Mov | Stack, 0, 0, 0, 0, 0, 0, 0,

};

[PATCH 04/40] KVM: x86 emulator: group decoding for group 1A

```
static u16 group2_table[] = {
```

```
--
```

1.5.4.5

```
--
```

To unsubscribe from this list: send the line "unsubscribe linux-kernel" in the body of a message to majordomo@xxxxxxxxxxxxxxxxxxx

More majordomo info at <http://vger.kernel.org/majordomo-info.html>

Please read the FAQ at <http://www.tux.org/lkml/>