

[PATCH 29/40] KVM: SVM: let init_vmcb() take struct vcpu_svm as parameter

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- *From:* Avi Kivity <avi@xxxxxxxxxxxxx>
 - *Date:* Mon, 31 Mar 2008 17:37:13 +0300
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From: Joerg Roedel <joerg.roedel@xxxxxxx>

Change the parameter of the init_vmcb() function in the kvm-amd module from struct vmcb to struct vcpu_svm.

Signed-off-by: Joerg Roedel <joerg.roedel@xxxxxxx>
Signed-off-by: Markus Rechberger <markus.rechberger@xxxxxxx>
Signed-off-by: Avi Kivity <avi@xxxxxxxxxxxxx>

arch/x86/kvm/svm.c | 12 ++++++-----
1 files changed, 6 insertions(+), 6 deletions(-)

```
diff --git a/arch/x86/kvm/svm.c b/arch/x86/kvm/svm.c
index 8e9d4a5..d934819 100644
--- a/arch/x86/kvm/svm.c
+++ b/arch/x86/kvm/svm.c
@@ -471,10 +471,10 @@ static void init_sys_seg(struct vmcb_seg *seg, uint32_t type)
seg->base = 0;
}
```

```
-static void init_vmcb(struct vmcb *vmcb)
+static void init_vmcb(struct vcpu_svm *svm)
{
- struct vmcb_control_area *control = &vmcb->control;
- struct vmcb_save_area *save = &vmcb->save;
+ struct vmcb_control_area *control = &svm->vmcb->control;
+ struct vmcb_save_area *save = &svm->vmcb->save;
```

```
control->intercept_cr_read = INTERCEPT_CR0_MASK |
INTERCEPT_CR3_MASK |
@@ -600,7 +600,7 @@ static int svm_vcpu_reset(struct kvm_vcpu *vcpu)
{
struct vcpu_svm *svm = to_svm(vcpu);
```

```
- init_vmcb(svm->vmcb);
+ init_vmcb(svm);
```

```
if (vcpu->vcpu_id != 0) {
```

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```
svm->vmcb->save.rip = 0;
@@ -638,7 +638,7 @@ static struct kvm_vcpu *svm_create_vcpu(struct kvm *kvm, unsigned int id)
svm->vmcb_pa = page_to_pfn(page) << PAGE_SHIFT;
svm->asid_generation = 0;
memset(svm->db_regs, 0, sizeof(svm->db_regs));
- init_vmcb(svm->vmcb);
+ init_vmcb(svm);

fx_init(&svm->vcpu);
svm->vcpu.fpu_active = 1;
@@ -1024,7 +1024,7 @@ static int shutdown_interception(struct vcpu_svm *svm, struct kvm_run
*kvm_run)
* so reinitialize it.
*/
clear_page(svm->vmcb);
- init_vmcb(svm->vmcb);
+ init_vmcb(svm);

kvm_run->exit_reason = KVM_EXIT_SHUTDOWN;
return 0;
```

1.5.4.5

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