

**Original  
Kernel**

### Source Code

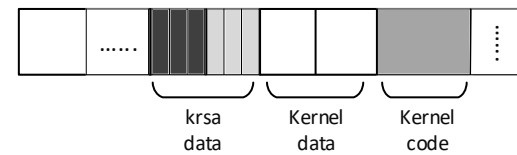
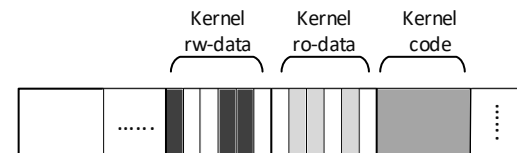
```
.....  
asmlinkage const  
sys_call_table[__NR_syscall_max+1] = {  
..... }  
.....
```

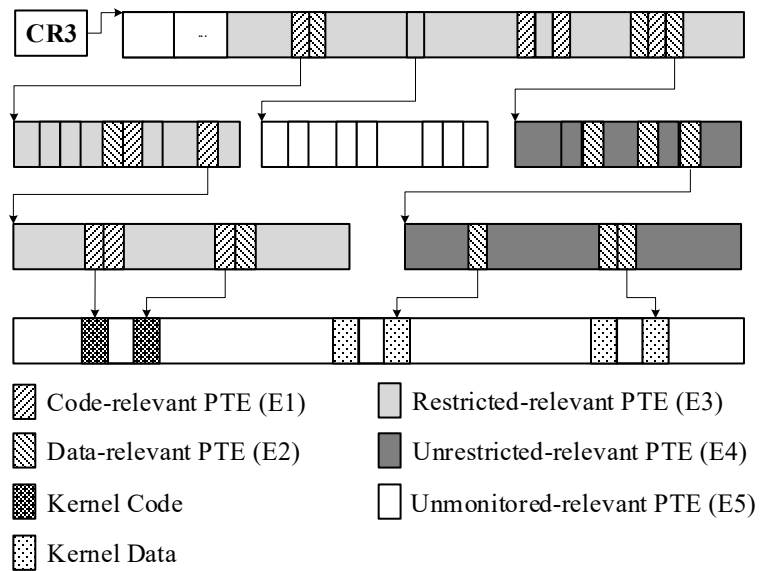
↓ New section  
New linker script

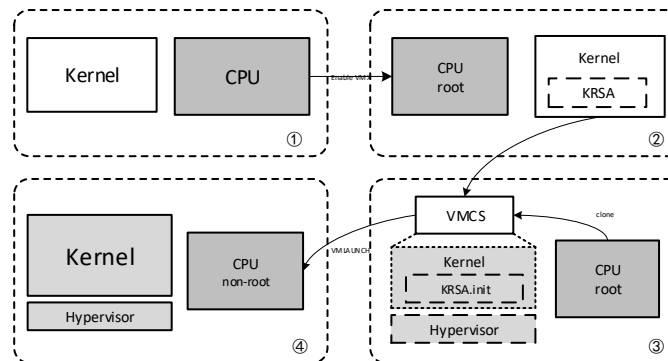
**Protected  
Kernel**

```
.....  
Sys_call_table[__NR_syscall_max+1]  
__attribute__((section(.krsa.rodata)))  
= { ..... }  
.....
```

### Memory Layout

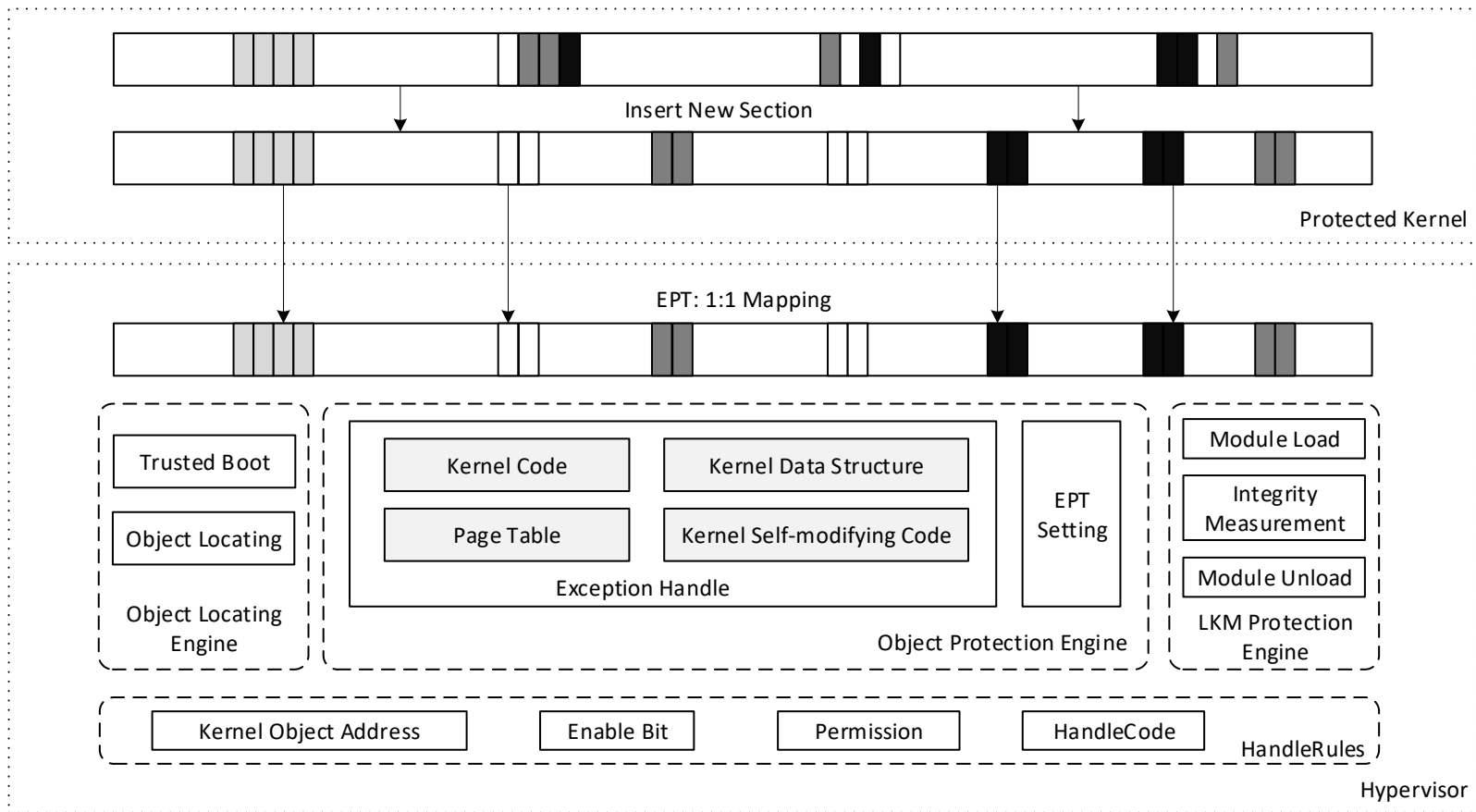


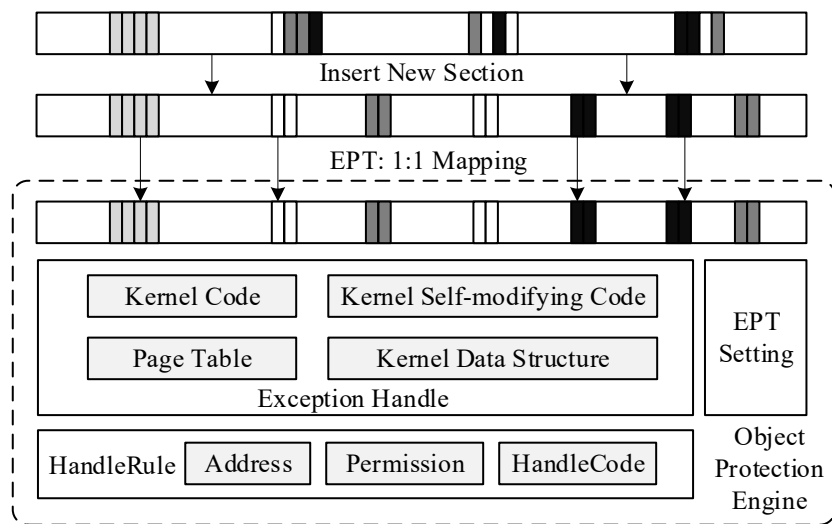




```
// security/security.c
....
struct security_hook_heads
Security_hook_heads
__attribute__((section(".ckrsa.data")))={
... }
```

```
//arch/x86/kernel/vmlinux.lds.S
/* Data */
.= ALIGN(PAGE_SIZE)
.ckrsa.data :
AT(ADDR(.ckrsa.data) - LOAD_OFFSET)
{ *(.ckrsa.data) }
```





Original Kernel Memory

KRSA Kernel Memory

EPT Managed Memory

