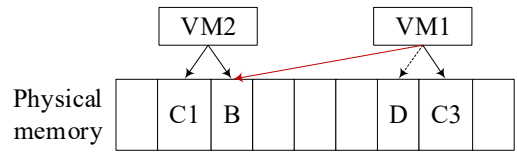
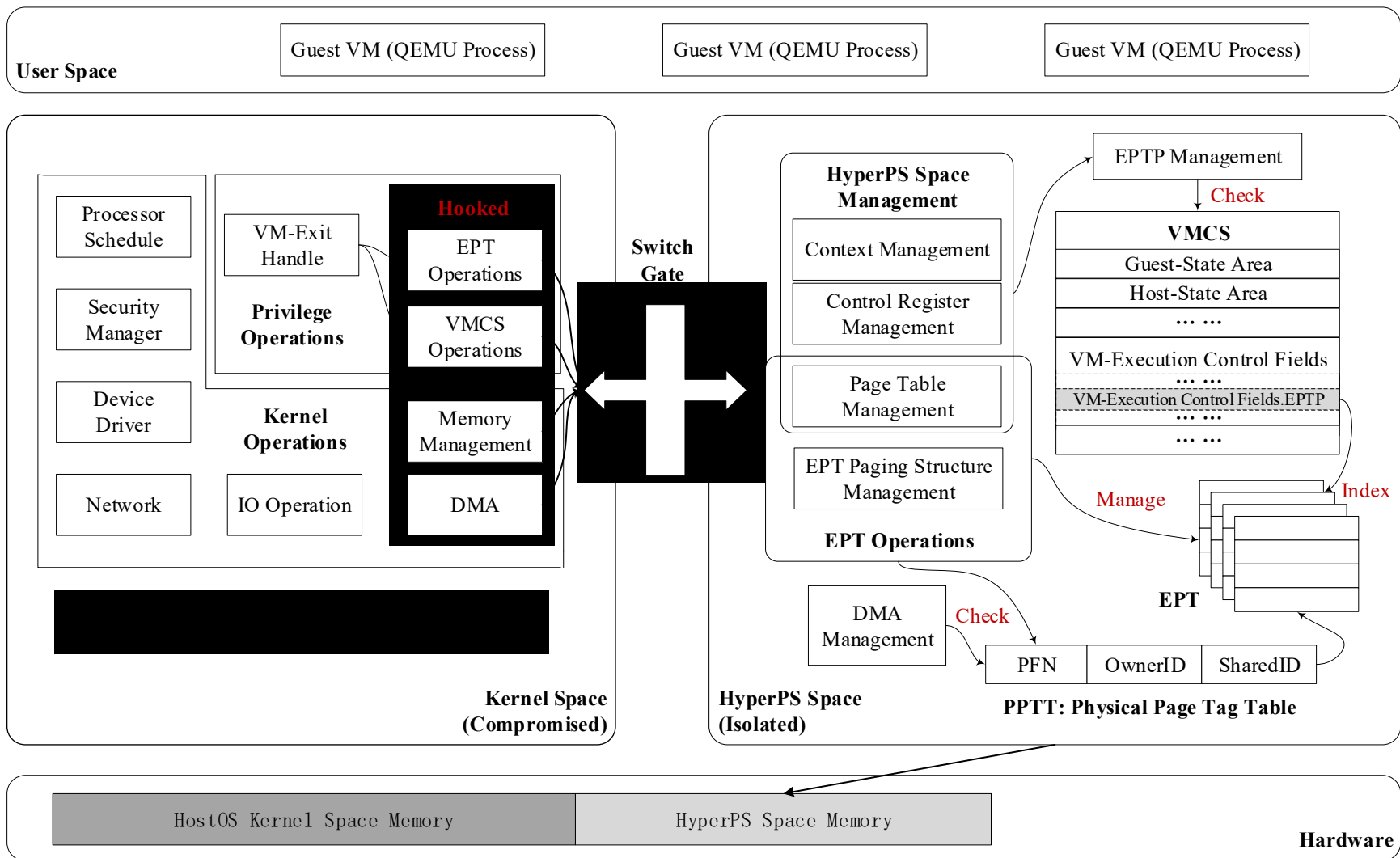
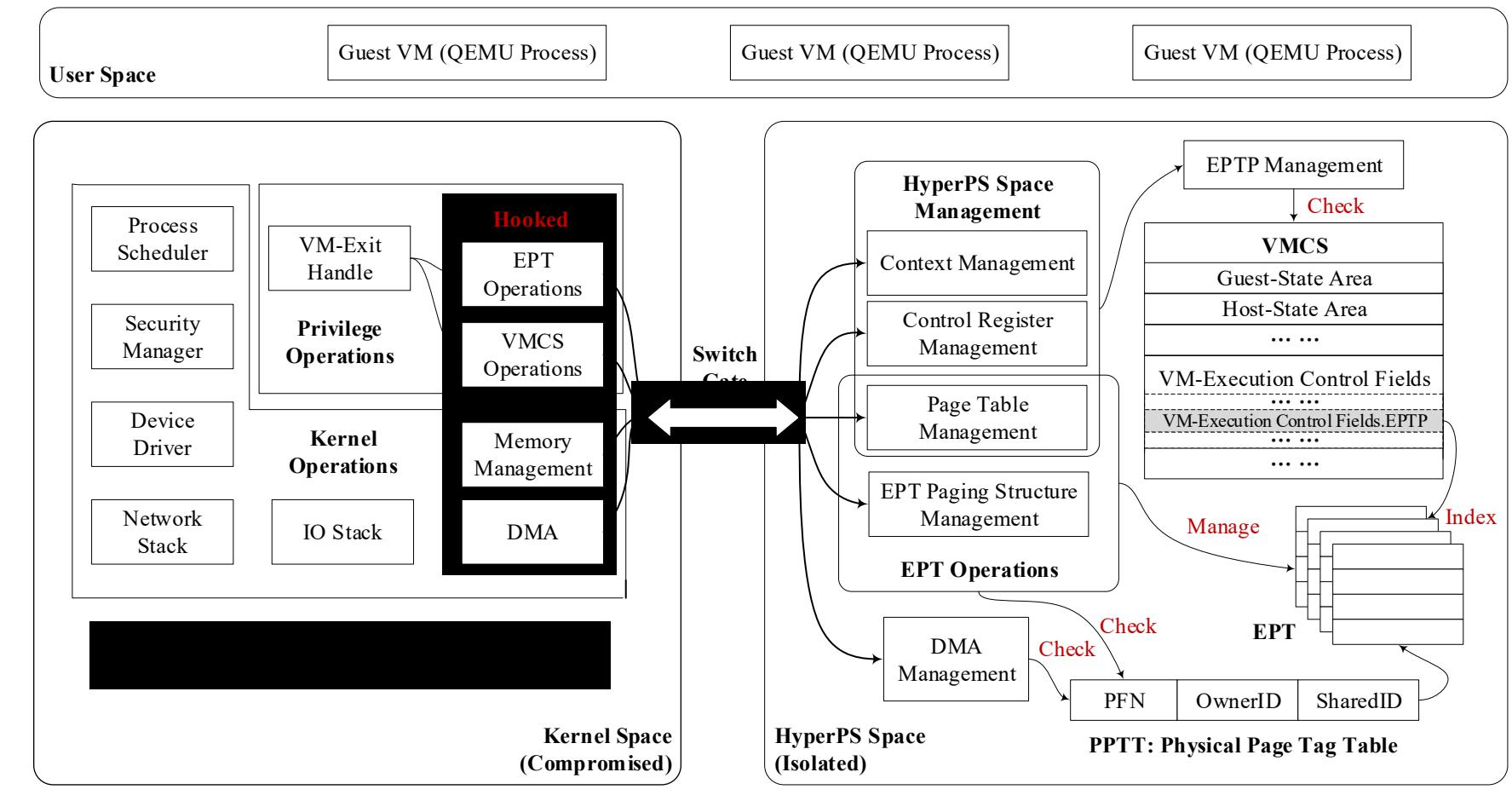


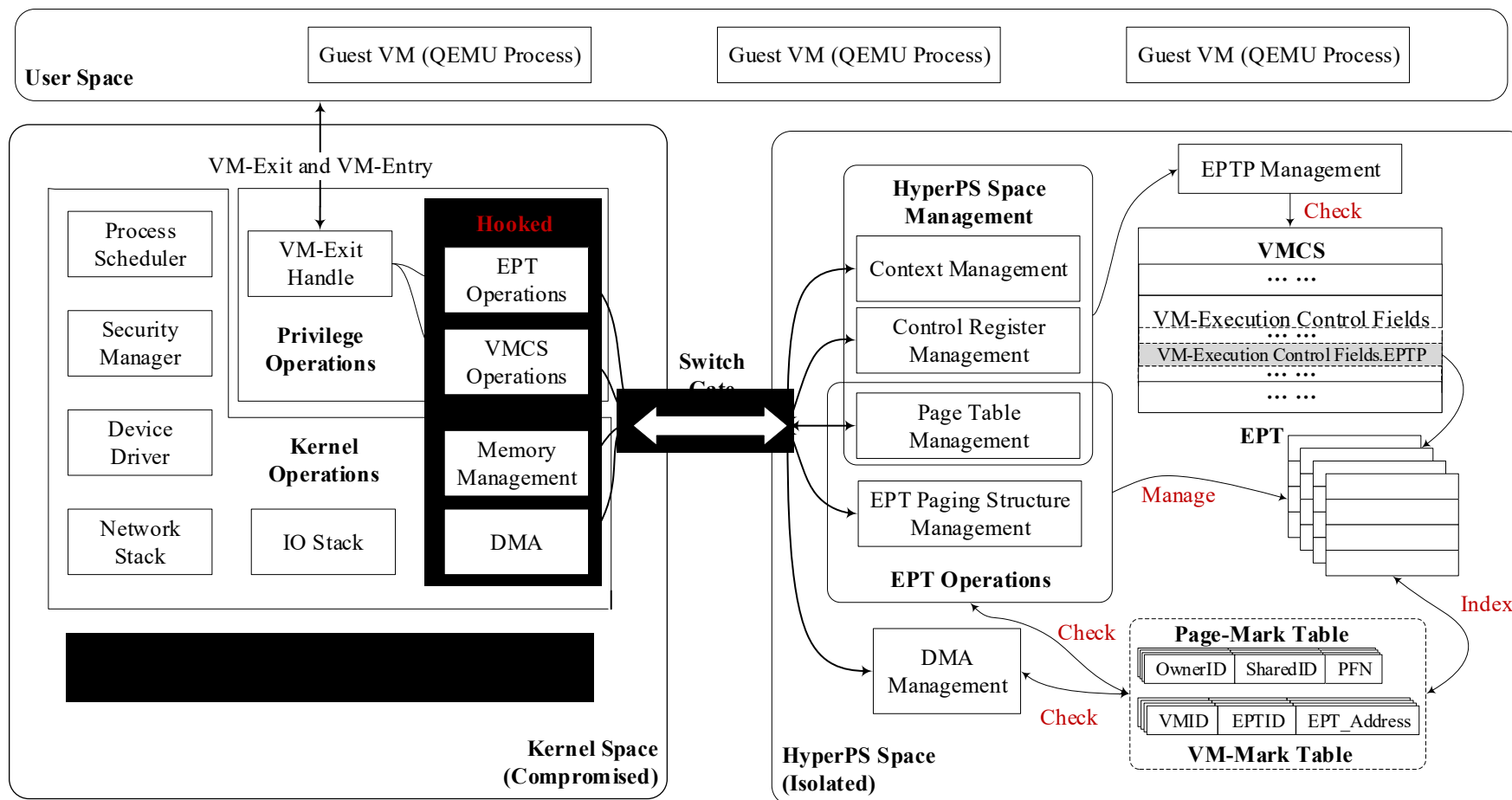
Correct Memory Mapping



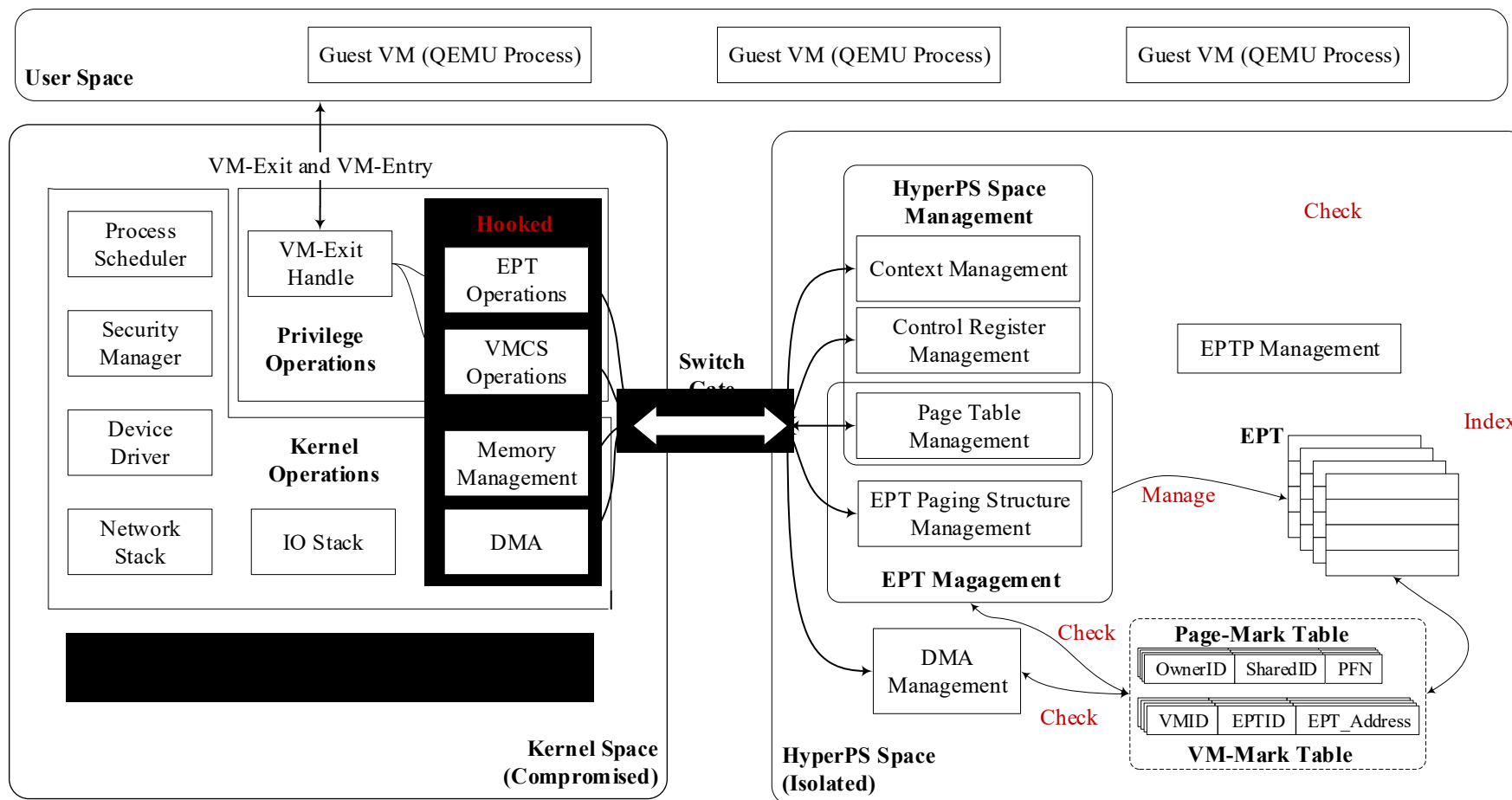
Malicious Memory Mapping





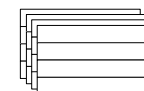


V3

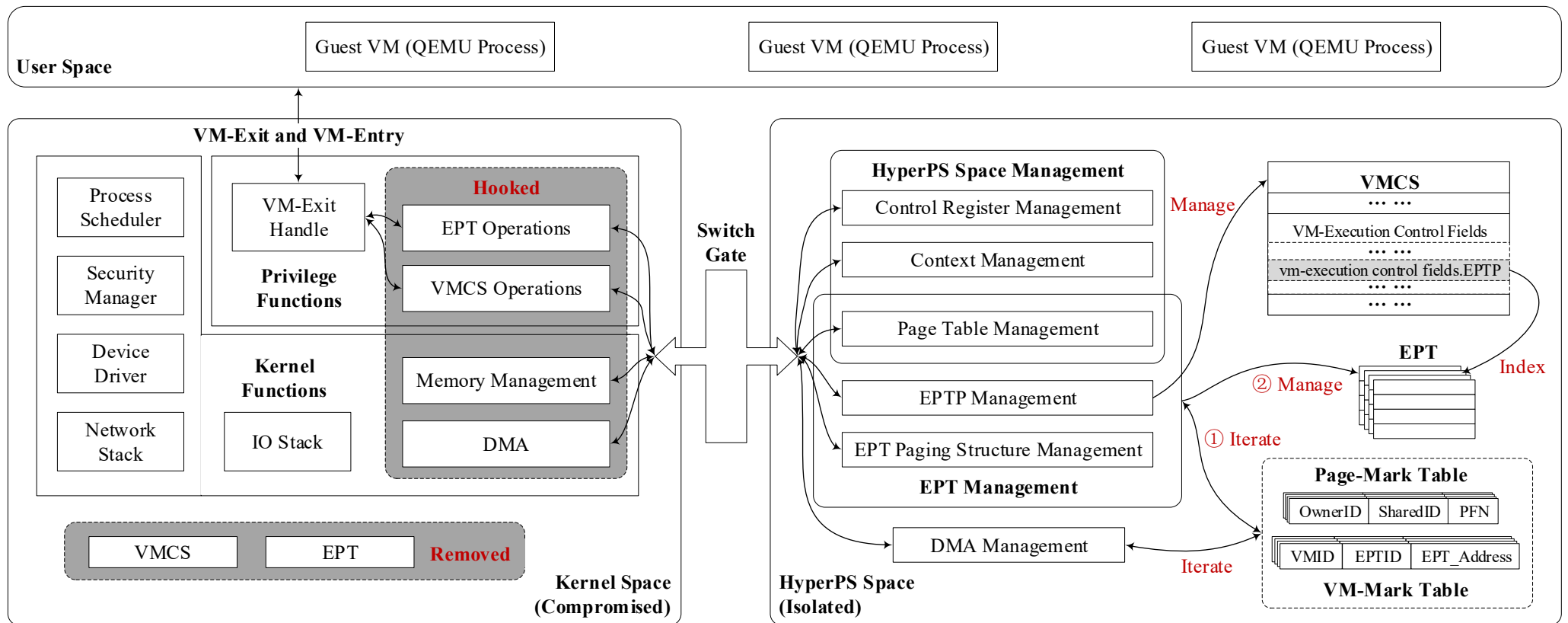


V4

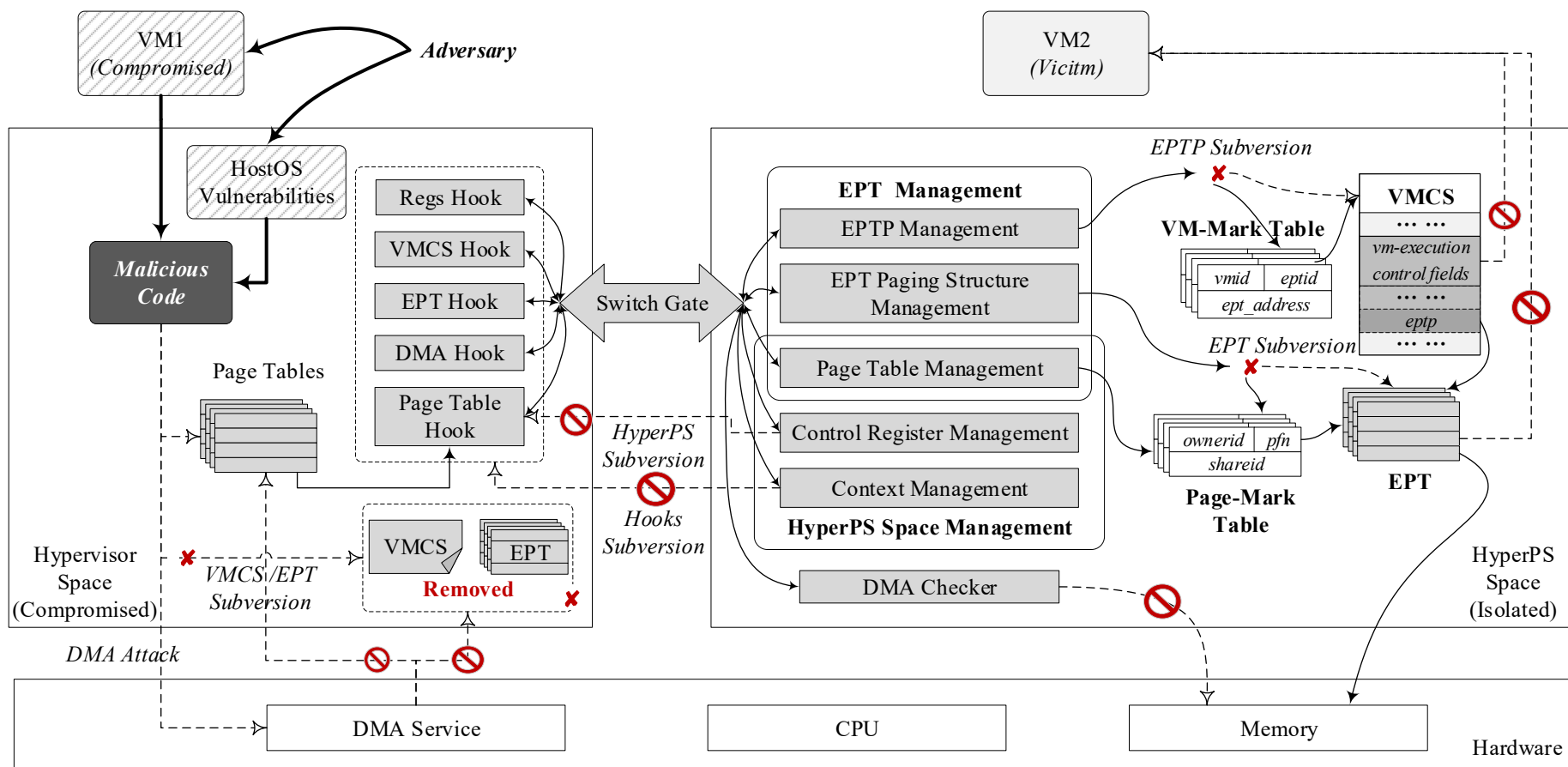
| VMCS | |
|-----------------------------|-----|
| ... | ... |
| VM-Execution Control Fields | |
| ... | ... |
| EPTP | |
| ... | ... |
| ... | ... |



| | |
|-----------------------------|-------------------------|
| VM-Execution Control Fields | Guest-State Area |
| | Host-State Area |
| ... | VM-Exit Control Fields |
| EPTP | VM-Entry Control Fields |
| ... | ... |
| VM-Exit Information Fields | |



V5



| VMCS | |
|-------------|---------------------|
| guest-state | vm-execution |
| host-state | control |
| vm-entry | ... |
| control | eptp |
| vm-exit | ... |
| control | vm-exit information |

| VMCS | |
|------|----------------|
| ... | vm-execution |
| ... | control fields |
| ... | ... |
| ... | eptp |
| ... | ... |

DMA Management



