Virtualbox

Raw disk access to partition

```
# @Elevated command prompt
.\VBoxManage internalcommands listpartitions -rawdisk "\\.\PhysicalDrive0"
.\VBoxManage internalcommands createrawvmdk -filename
D:\Virtualbox\raw_disk.vmdk -rawdisk "\\.\PhysicalDrive0" -partitions 7
```

VirtualKD

```
.\VBoxManage.exe setextradata "win7_x64_2"
VBoxInternal/Devices/VirtualKD/0/Config/Path
"D:\Titannet\Projekte\Windows\Kernel\Software\VirtualKD-3.0\kdclient64.dll"
```

Paravirtualized debugging

```
 .\vboxmanage showvminfo "VM name" | select-string paravirt
kdvm.dll

VBoxManage modifyvm "VM name" --paravirtdebug "enabled=1"


VBoxManage modifyvm "VM name" --paravirtdebug
"enabled=1,address=192.168.32.1,port=55000"


bcdedit /set loadoptions
host_ip=5.5.5.5,host_port=50000,encryption_key=1.2.3.4
bcdedit /set dbgtransport kdvm.dll

bcdedit /set debug on
# bcdedit /set bootdebug on ##win8+
# bcdedit /set {bootmgr} bootdebug on
```