

NtProtectVirtualMemory

```
NTSYSAPI
NTSTATUS
NTAPI
```

NtProtectVirtualMemory(

```
IN HANDLE                ProcessHandle,
IN OUT PVOID             *BaseAddress,
IN OUT PULONG            NumberOfBytesToProtect,
IN ULONG                 NewAccessProtection,
OUT PULONG                OldAccessProtection );
```

[ProcessHandle](#)

Handle to Process Object opened with **PROCESS_VM_OPERATION** access.

[*BaseAddress](#)

Pointer to base address to protect. Protection will change on all page containing specified address. On output, **BaseAddress** will point to page start address.

[NumberOfBytesToProtect](#)

Pointer to size of region to protect. On output will be round to page size (4KB).

[NewAccessProtection](#)

One or some of **PAGE_...** attributess.

[OldAccessProtection](#)

Receive previous protection.