How to download a "publicly shared" (WebClient!) file via PowerShell

Foreword: we need to bear in mind that Syncplify Server! is, at its core, a security software, therefore even when you use its WebClient! to create a "publicly shared object" (a shared object that's **not** password-protected), downloading such object is not as simple as pasting its URI into a plain Invoke-WebRequest in your PowerShell, there's a lot more to it than that.

You have to account for the security measures Syncplify Server! employs, so all these operations must be indirect. First you have to invoke the URI of the shared object, read the JWT from there, then perform a POST request with that token to a specific URL built according to the documentation here: https://openapi.syncplify.com/v6/webclient/#post-/shr/down/-path-

The give you a jump-start, here's a ready-made script for you to customize with your own URLs:

```
$response = Invoke-WebRequest -Uri
"https://webclient.example.com:6444/api/v1/share/2retezypuhQdpEXRD5fNguyMbgI"
$jsonObject = $response.Content | ConvertFrom-Json
$token = $jsonObject.token
$headers = @{
    "Authorization" = "Bearer $token"
}
Invoke-WebRequest -Uri "https://webclient.example.com:6444/api/v1/shr/down/test.txt" -Method Post -Headers
$headers -Outfile ./test.txt
```

This script will download the shared file named `"test.txt"` from a shared object with ID `"2retezypuhQdpEXRD5fNguyMbgI"`, (which must **not** be password-protected) to a local file also named `"test.txt"`.