


```
for strletter in encoded_str:
    c = decode_table[strletter]
    if c == 255:
        continue
    if(v < 0):
        v = c
    else:
        v += c*91
        b |= v << n
        n += 13 if (v & 8191)>88 else 14
        while True:
            out += struct.pack('B', b&255)
            b >>= 8
            n -= 8
            if not n>7:
                break
        v = -1
    if v+1:
        out += struct.pack('B', (b | v << n) & 255 )
return out

def decr(a):
    t = decode(a)
    key = bytearray(b'8dPtXeHtprHxQELs')
    for i in range(len(t)):
        t[i] ^= key[i%len(key)]
    return t
```

Decoding strings:

```
bytearray(b'cmd /c ')
bytearray(b'dir "%LocalAppData%\Login Data" /s /b & dir "%appdata%\Login Data" /s /b')
bytearray(b'dir "%LocalAppData%\Cookies" /s /b & dir "%appdata%\Cookies" /s /b')
bytearray(b'C:\ProgramData\Temp\Cookies')
bytearray(b'C:\ProgramData\Temp')
bytearray(b'SELECT host_key, name, encrypted_value, path, is_secure, is_httponly, samesite, expires_')
bytearray(b'new.ocx')
bytearray(b'ws://nopsec.]org:8082')
```

Another sample(c81d49c1907f27ea24a938ebbeb5f21bd30b4b186d99ec9c9458ce34f6bef72e):

```
bytearray(b'cmd /c ')
bytearray(b'dir "%LocalAppData%\Cookies" /s /b & dir "%appdata%\Cookies" /s /b')
bytearray(b'C:\ProgramData\Temp\Cookies')
bytearray(b'C:\ProgramData\Temp')
```

```
bytearray(b'SELECT host_key, name, encrypted_value, path, is_secure, is_httponly, samesite, expires_  
bytearray(b'module.ocx')  
bytearray(b'ws://finatick.]com:8082')
```

Continuing to trace the samples back we found a few different versions, such as this one that writes the data to disk:

```
a10266c38c5f24201aa68cb3b0f7f24f44f4b5df635c5e2aebddb041b00d8a8f
```

IOCs:

```
jetmains.]com:8082  
zoho-cloudfront.]com:8082  
finatick.]com  
nopsec.]org
```

Potential distro related:

```
cloudyvault.]org  
cloudmort.]com  
seopager.]xyz  
gdrive.]rest  
shadon.]net  
sharesmydrive.]com
```

OCX filename checks:

```
xpr.ocx  
new.ocx  
brain.ocx  
dWin.ocx  
fer.ocx  
iDriver.ocx  
bajo.ocx  
mojo.ocx  
module.ocx  
pp.ocx
```

References

- 1: <https://www.zscaler.com/blogs/security-research/unveiling-revc2-and-venom-loader>
- 2: <https://thefirreport.com/2024/12/02/the-curious-case-of-an-egg-cellent-resume/>

Source: <https://medium.com/walmartglobaltech/decoding-revc2-strings-b3c72af07a55>