

Maldev Academy Tool - MiniShell

Introduction

This is another Maldev Academy tool, similar to `He11She11`, which allows encryption of raw payloads. The tool only supports RC4 and AES.

Features

- Outputs the decryption function of the selected encryption type
- Outputs the encrypted bytes as a `bin` file
- Randomly generated keys for the encryption algorithms

Usage

```
#####  
# MiniShell - Designed By MalDevAcademy  
@NUL0x4C | @mrd0x #  
#####  
  
[!] Usage:  
C:\Users\User\source\repos\MiniShell\x64\Debug\MiniShell.exe <Input  
Payload FileName> <Enc *Option*> <Output FileName>  
[i] Encryption Options Can Be :  
1.>>> "aes"      ::: Output The File As A Encrypted File Using  
AES-256 Algorithm With Random Key And IV  
2.>>> "rc4"      ::: Output The File As A Encrypted File Using  
Rc4 Algorithm With Random Key
```

Examples

- `.\MiniShell.exe .\calc.bin rc4 encpayload.bin` - Use RC4 for encryption, write the encrypted bytes to `encpayload.bin`, output the decryption functionality to the console

- `.\MiniShell.exe .\calc.bin rc4 encpayload.bin > rc4.c` - Use RC4 for encryption, write the encrypted bytes to `encpayload.bin` - output the decryption function to `rc4.c`.
- `.\MiniShell.exe .\calc.bin aes calcenc.bin` - Use AES for encryption, write the encrypted bytes to `calcenc.bin`, and output the decryption function to the console.
- `.\MiniShell.exe .\calc.bin aes calcenc.bin > aes.c` - Use AES for encryption, write the encrypted bytes to `calcenc.bin`, and output the decryption function to `aes.c`.

Demo

The image below shows `MiniShell` being used to encrypt the `calc.bin` file with the encrypted bytes being written to `AesCalc.bin` and the decryption function being saved to `Aes.c`.

The screenshot displays a Windows environment with three main components:

- Left Panel (Aes.c):** A code editor showing the source code for `Aes.c`. It includes headers for `Windows.h`, `stdio.h`, and `bcrypt.h`, and defines constants for NT_SUCCESS, KEYSIZE, and IVSIZE. It also defines structures for AES data and implements the `InstallAesDecryption` function.
- Top Right Panel (Windows PowerShell):** A terminal window showing the execution of `MiniShell.exe`. The user runs `.\MiniShell.exe` and then `.\MiniShell.exe .\calc.bin aes AesCalc.bin > Aes.c`. The output shows the usage instructions and the successful execution of the encryption and decryption function generation.
- Bottom Right Panel (HxD):** A hex editor window showing the contents of `AesCalc.bin`. The hex data is displayed in a table with columns for Offset (h), Hex, and Decoded text. The decoded text shows the encrypted bytes of the `calc.bin` file.

Previous

Modules

Complete

Next