### PowerShell Data Exfiltration

# **Advanced Encryption Standard (AES) HTTP 80**

## **Description**

The following basic example of data exfiltration relies on PowerShell. The provided proof of concept code reads contents of a file from the local system, encrypts it with a variation of Advanced Encryption Standard (AES) and sends it to the attacker's server via HTTP over the port 80. In most cases this approach raises no alarms and therefore can be used to perform stealth exfiltration.

### Code

Encrypt(sender/victim/client)

#### Decrypt(receiver/hacker/host):