WinRM Service

```
Enter-PSSession -ComputerName 192.168.56.103 -Credential theshyhat
```

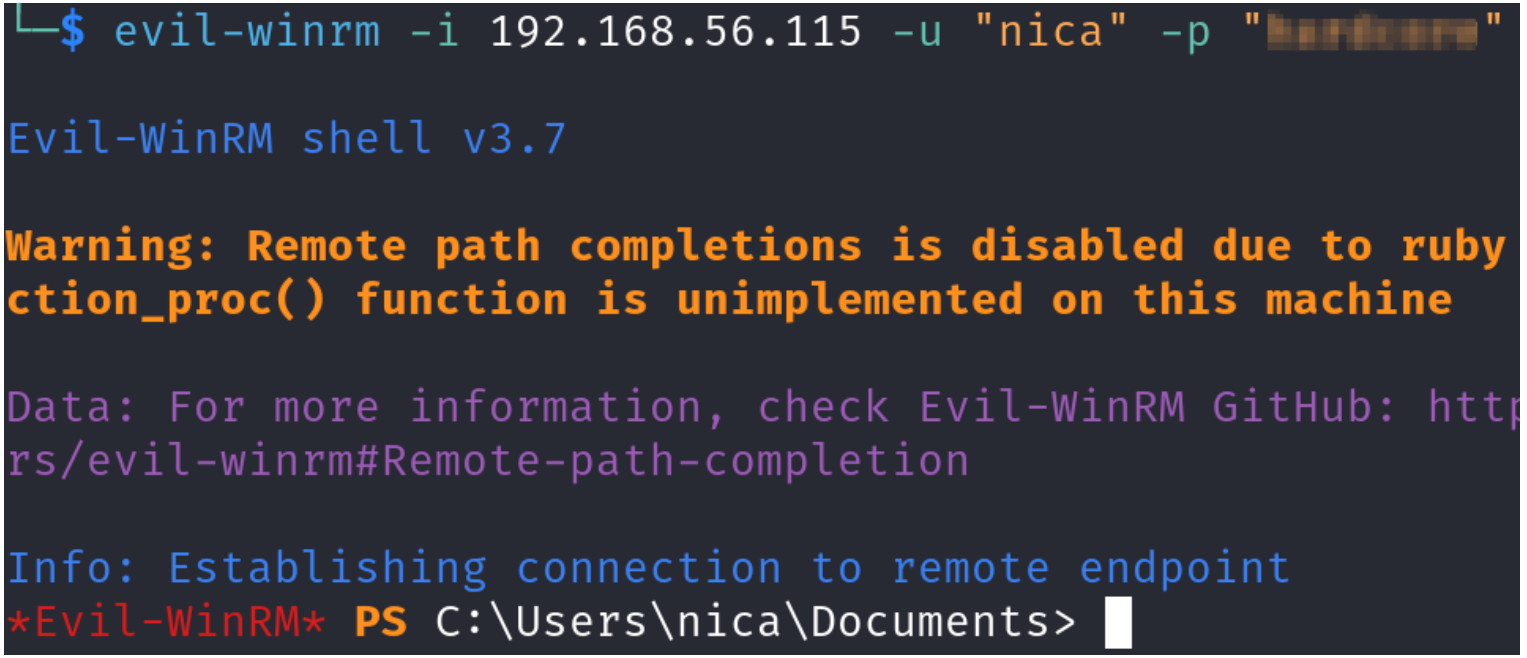
The Windows Remote Management (WinRM) service provides PowerShell terminal access to a Windows server

WinRM Service

```
Enter-PSSession -ComputerName 192.168.56.103 -Credential theshyhat
```

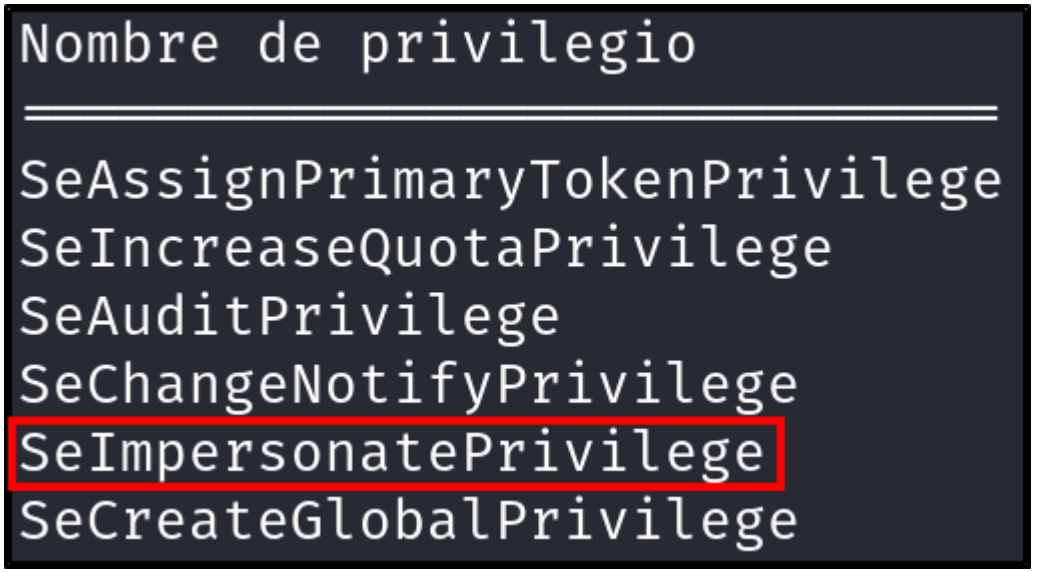
WinRM access is usually limited to administrator-level users, but it's not guaranteed

WinRM Service



The typical method of access WinRM is through a PowerShell terminal, but Linux users can use the Evil-WinRM program to interact with the service

Privilege Escalation
SeImpersonate Privilege



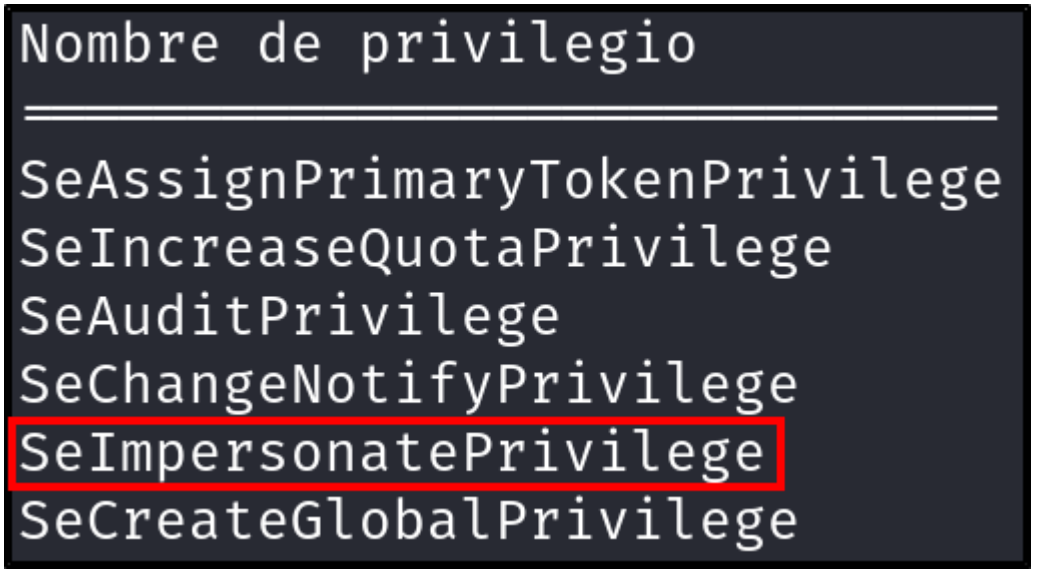
The SeImpersonate privilege is a feature which allows a user to perform commands in the context of other users

Privilege Escalation
SeImpersonate Privilege

```
c:\windows\system32\inetsrv>whoami
whoami
iis apppool\defaultapppool
```

This privilege is typically associated with service accounts, like IIS, SQL Server, and with Administrator accounts

Privilege Escalation
SeImpersonate Privilege



Using SeImpersonate, attackers can elevate privileges to SYSTEM or Administrator level, either through Token Theft and / or Named Pipes

SeImpersonate – Potato Exploit

The Potato-familiy of Windows exploits all leverage the SeImpersonate privilege in different ways to achieve elevated access on Windows targets

Potato Exploit – JuicyPotato

Which Potato exploit to use on a target largely depends on the version of Windows being used. In this case, we'll be using the Juicy Potato variant