

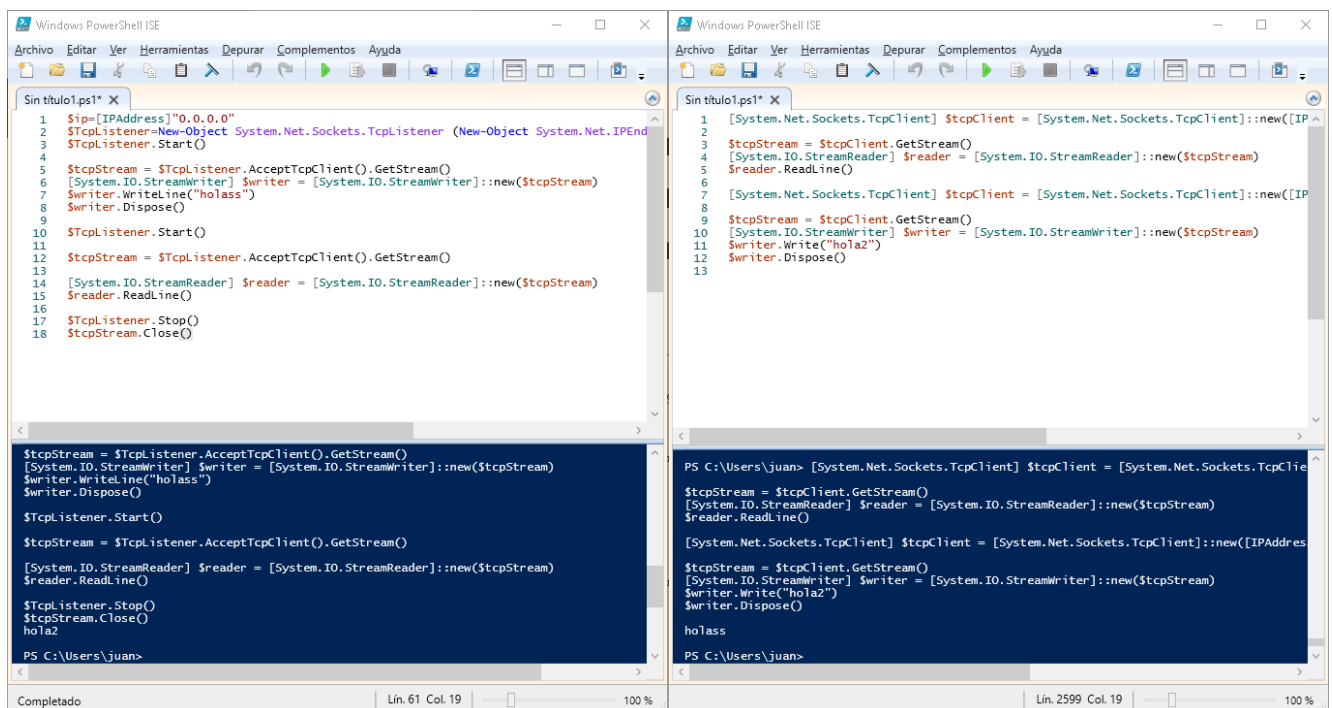
Realizar una comunicación bidireccional entre un cliente y un servidor mediante TCP desde PowerShell en Windows (realizar la conexión de nuevo)

Servidor que envía y recibe

[crayon-6a9d60a07b6d3793222547/]

Cliente que recibe y envía

[crayon-6a9d60a07b6da007864428/]



```
Sin titulo1.ps1 X
1 $ip=[IPAddress]"0.0.0.0"
2 $TcpListener=New-Object System.Net.Sockets.TcpListener (New-Object System.Net.IPEnd
3 $TcpListener.Start()
4
5 $TcpStream = $TcpListener.AcceptTcpClient().GetStream()
6 [System.IO.StreamWriter] $writer = [System.IO.StreamWriter]::new($TcpStream)
7 $writer.WriteLine("holass")
8 $writer.Dispose()
9
10 $TcpListener.Start()
11
12 $TcpStream = $TcpListener.AcceptTcpClient().GetStream()
13
14 [System.IO.StreamReader] $reader = [System.IO.StreamReader]::new($TcpStream)
15 $reader.ReadLine()
16
17 $TcpListener.Stop()
18 $TcpStream.Close()

$TcpStream = $TcpListener.AcceptTcpClient().GetStream()
[System.IO.StreamWriter] $writer = [System.IO.StreamWriter]::new($TcpStream)
$writer.WriteLine("holass")
$writer.Dispose()

$TcpListener.Start()

$TcpStream = $TcpListener.AcceptTcpClient().GetStream()

[System.IO.StreamReader] $reader = [System.IO.StreamReader]::new($TcpStream)
$reader.ReadLine()

$TcpListener.Stop()
$TcpStream.Close()
holaz
PS C:\Users\juan>
```

```
Sin titulo1.ps1 X
1 [System.Net.Sockets.TcpClient] $tcpClient = [System.Net.Sockets.TcpClient]::new([IP
2
3 $tcpStream = $tcpClient.GetStream()
4 [System.IO.StreamReader] $reader = [System.IO.StreamReader]::new($tcpStream)
5 $reader.ReadLine()
6
7 [System.Net.Sockets.TcpClient] $tcpClient = [System.Net.Sockets.TcpClient]::new([IP
8
9 $tcpStream = $tcpClient.GetStream()
10 [System.IO.StreamWriter] $writer = [System.IO.StreamWriter]::new($tcpStream)
11 $writer.WriteLine("holaz")
12 $writer.Dispose()
13

PS C:\Users\juan> [System.Net.Sockets.TcpClient] $tcpClient = [System.Net.Sockets.TcpCli
$tcpStream = $tcpClient.GetStream()
[System.IO.StreamReader] $reader = [System.IO.StreamReader]::new($tcpStream)
$reader.ReadLine()

[System.Net.Sockets.TcpClient] $tcpClient = [System.Net.Sockets.TcpClient]::new([IPAdres
$tcpStream = $tcpClient.GetStream()
[System.IO.StreamWriter] $writer = [System.IO.StreamWriter]::new($tcpStream)
$writer.WriteLine("holaz")
$writer.Dispose()

holaz
PS C:\Users\juan>
```