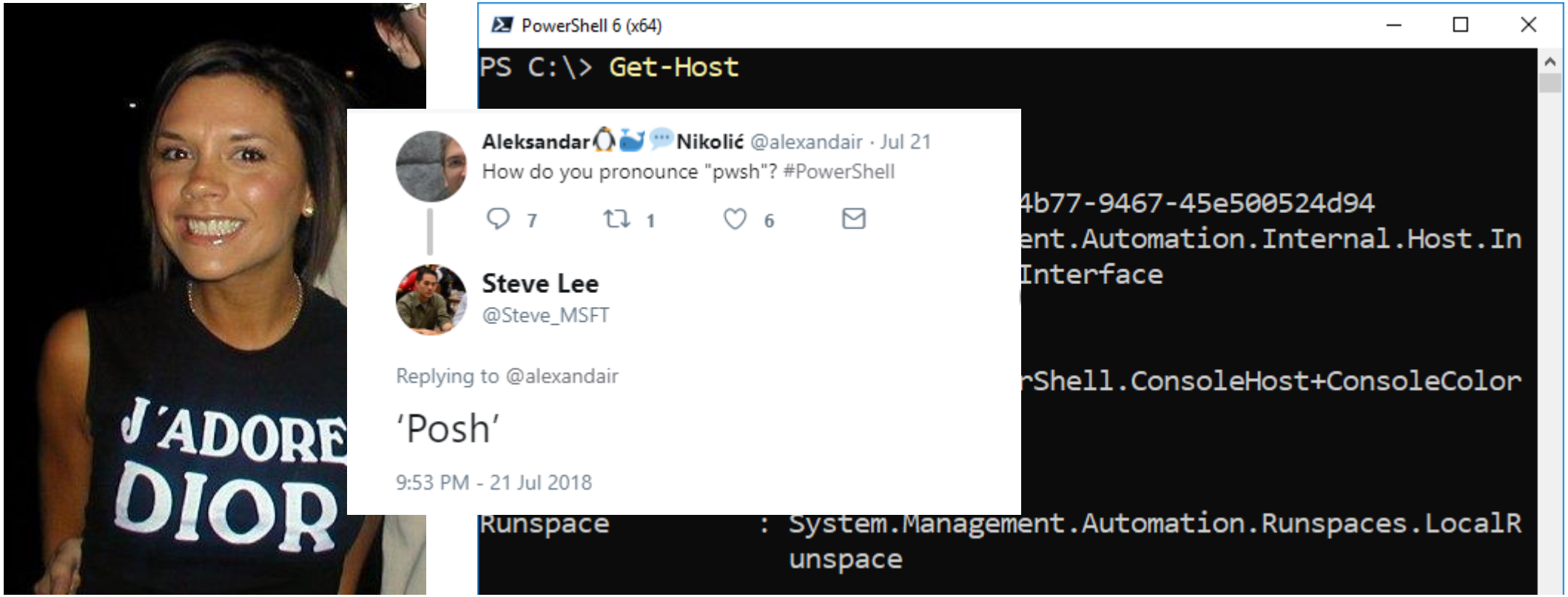
Separated at birth



```
PS /root> cat /etc/os-release | grep PRETTY
PRETTY_NAME="Raspbian GNU/Linux 9 (stretch)"
PS /root> uname -a
Linux pi3 4.9.59-v7+ #1047 SMP Sun Oct 29 12:19:23 GMT 2017 armv7l GNU/Linux
PS /root> $PSVersionTable

Name                           Value
----                           -----
PSVersion                      6.0.2
PSEdition                      Core
GitCommitId                    v6.0.2
OS                             Linux 4.9.59-v7+ #1047 SMP Sun Oct 29 12:19:23 GMT 2017
Platform                       Unix
PSCompatibleVersions           {1.0, 2.0, 3.0, 4.0...}
PSRemotingProtocolVersion      2.3
SerializationVersion           1.1.0.1
WSManStackVersion              3.0


PS /root> /public/Get-KrakenExchangeRates.ps1

Currency   High    Low Weighted_price  Volume
--------   ----    --- --------------  ------
EUR        6833 6440.3        6628.22 5427.37
USD        8422 7943.3        8167.39 4304.17
CAD       10098   8892        9609.56   41.25
JPY      909279 847790      875939.86    1.95
```

PoSh Core 6.1

- 1st version of PoSh Core: WS 2016 NANO
- Support for Windows 7+
- Support for LOTS of Linux distros/releases
- Support for MaCOS 10.12+

- Supports Unzip/Copy/Paste installations + multiple versions side-by-side
- Comes with .NET Core 2.1 "attached", no sides effects on existing installations

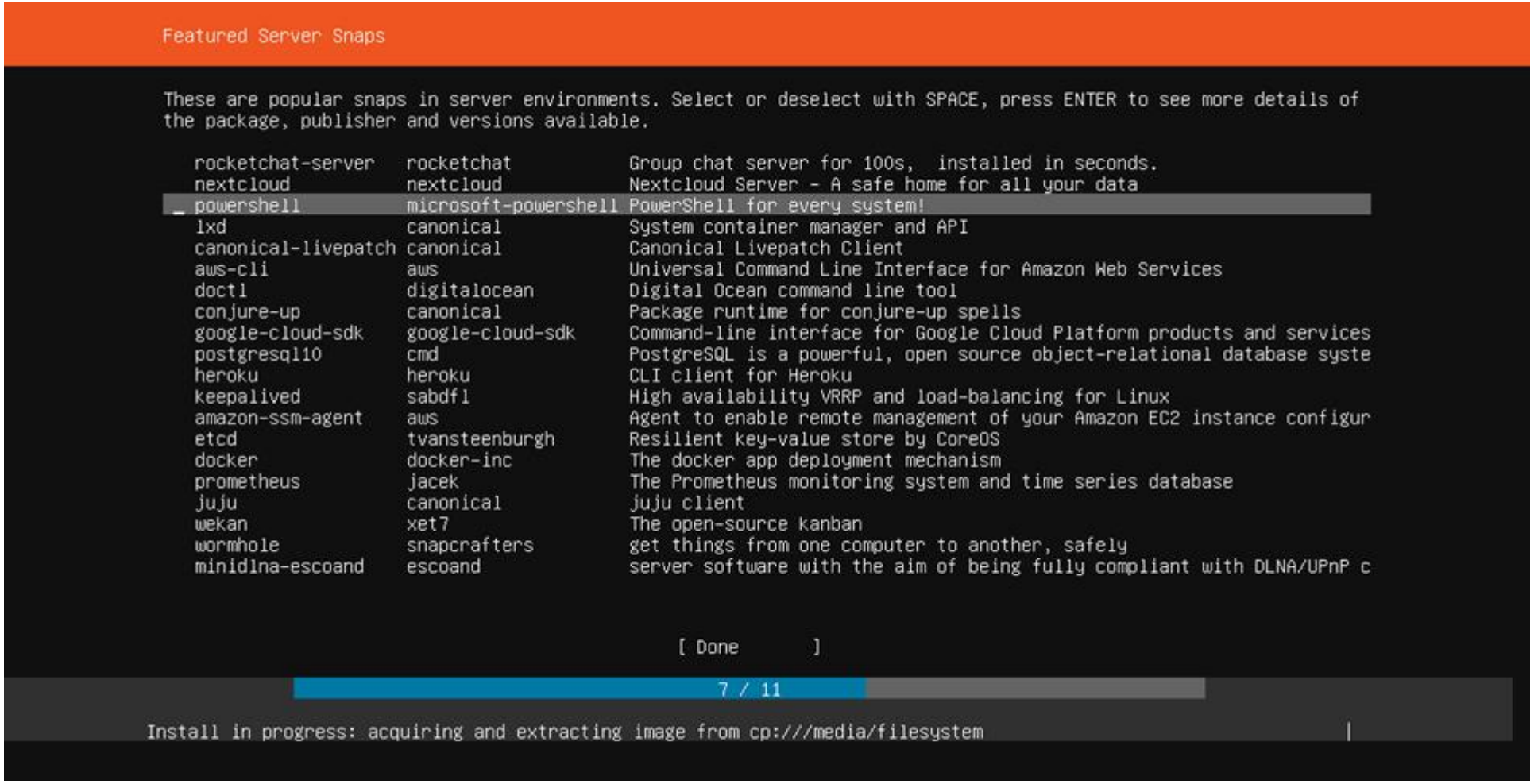
Mind the gap: Windows vs. *nix

- "Same" CmdLets with different capabilites: Invoke-Command, ConvertTo-Json, ...
- Less Built-In CmdLets
- Missing aliases:
  ls, ps, wget, curl ...

- NO RSAT for *nix
- Case sensitivity

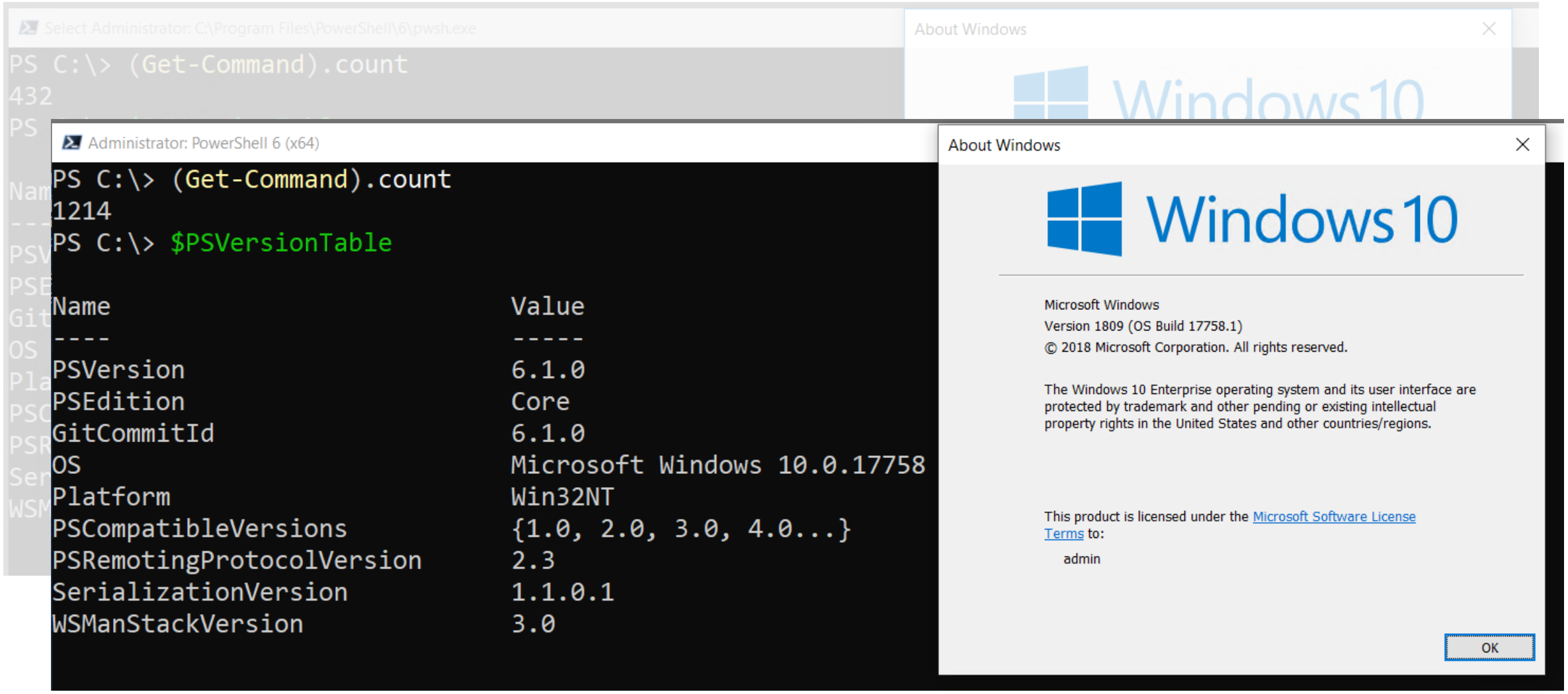
```
PS /> function HelloWorld { 'Hello World!' }
PS /> helloworld
Hello World!
PS /> /public/HelloWorld.ps1
Hello World!
PS /> /public/helloworld.ps1
/public/helloworld.ps1 : The term '/public/helloworld.ps1' is not recognized as the
name of a cmdlet, function, script file, or operable program.
Check the spelling of the name, or if a path was included, verify that the path is c
orrect and try again.
At line:1 char:1
+ /public/helloworld.ps1
+ ~~~~~~~~~~~~~~~~~~~~~~
+ CategoryInfo          : ObjectNotFound: (/public/helloworld.ps1:String) [], Comman
dNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

Ubuntu 18.04: Snaps

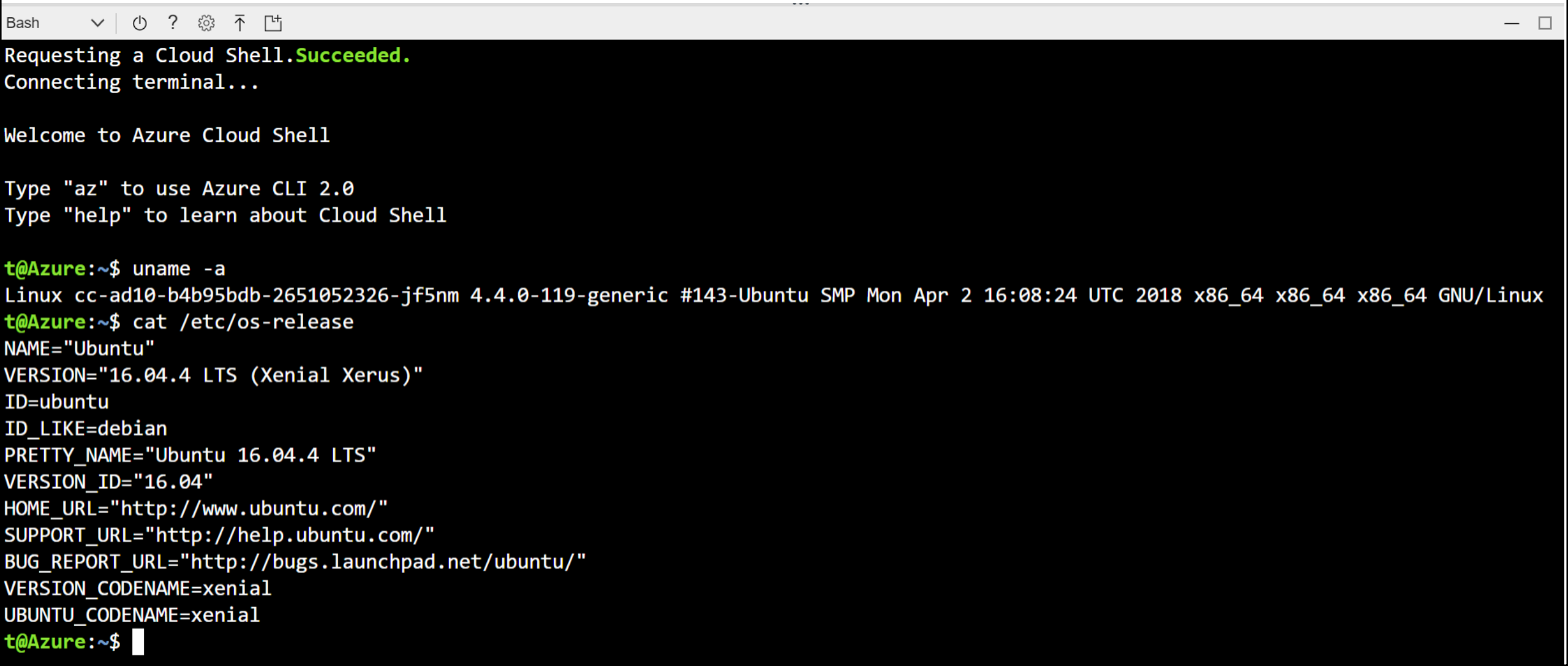


Demo

PwSh 6.1 & Windows 10



Azure Cloud Shell



Wrap up!

- PoSh + Win32_OpenSSH
  - partially BETA quality
  - rapid deployment
  - community driven
  - $isConfusing = $true

Questions?

Podcast: Sliding Windows

www.slidingwindows.de/?feed=slw-mp3

Get-Guest

- Jeffrey Snover
- Bruce Payette
- Bartek Bielawski, Joey Aiello
- Rolf Masuch

(..)

Get-Content | more

- What's new in PowerShell - BRK3069
  https://youtu.be/9fFAND6OCKU
- What's New in PowerShell Core 6.1
  https://docs.microsoft.com/en-us/powershell/scripting/whats-new/what-s-new-in-powershell-core-61
- PowerShell unplugged with Jeffrey Snover and Jason Helmick - BRK2051
  https://youtu.be/DPICqEiz3m4