Logging into AWS Using OpenSSH

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# Assumptions

This is in Windows 10.

# Check Prerequisites

Open the Start menu and type PowerShell. Click Run as Administrator.

Graphical user interface

Description automatically generated

Run the command to verify that you’re running at least PowerShell 5.1.

$PSVersionTable.PSVersion

Text

Description automatically generated with low confidence

Run the command below to verify that the user you’re logged in as is a member of the built-in administrators group.

(New-Object Security.Principal.WindowsPrincipal([Security.Principal.WindowsIdentity]::GetCurrent())).IsInRole([Security.Principal.WindowsBuiltInRole]::Administrator)



# Installation

Install the OpenSSH client with this command.

Add-WindowsCapability -Online -Name OpenSSH.Client~~~~0.0.1.0

(Full disclosure: I’m not certain this step is necessary.) Install the OpenSSH server:

Add-WindowsCapability -Online -Name OpenSSH.Server~~~~0.0.1.0

# Connection

Get the full path and filename of the asu-capstone.pem file and run this command:

ssh -i /path/asu-capstone.pem ubuntu@18.216.35.179

In my case it’s this:

ssh -i C:\Users\Nick\Downloads\asu-capstone.pem ubuntu@18.216.35.179

# References

1. <https://learn.microsoft.com/en-us/windows-server/administration/openssh/openssh_install_firstuse?tabs=powershell>
2. <https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AccessingInstancesLinux.html>