CEU DSD Command Line

Laszlo Sallo
Szilveszter Molnar

Prerequisites

- *putty* program for Windows

  - short link provided: http://bit.ly/ceudsd-putty

  - original website: http://www.putty.org

- *ssh* on Mac

CEU | CENTRAL
EUROPEAN
UNIVERSITY

Command Line

- terminology

  - shell, terminal, command line

  - "that black window"

- Why

  - Big Data

  - text file processing, no 3rd party app required(?!)
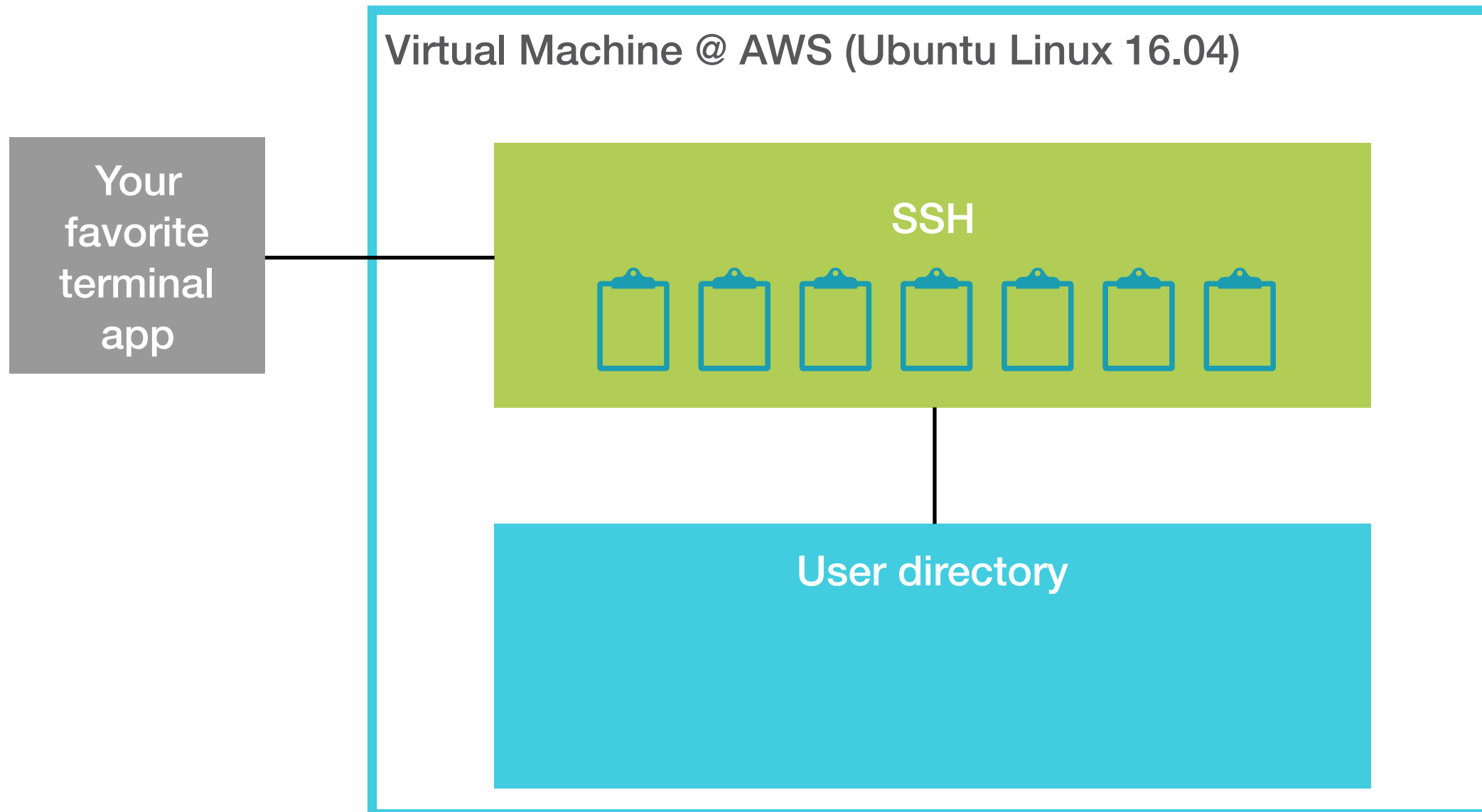
CEU CENTRAL EUROPEAN UNIVERSITY

DEMO

Exercise Platform Architecture

Your (favorite) terminal app (putty, ssh)

Virtual Machine @ Amazon Web Services (AWS)

http://ceudsd.net

CEU | CENTRAL EUROPEAN UNIVERSITY

Exercise Platform Architecture

Virtual Machine @ AWS (Ubuntu Linux 16.04)

Your favorite terminal app

SSH

User directory

CEU CENTRAL EUROPEAN UNIVERSITY

Command Syntax

command [-parameter] ...

command [-parameter value] ...

Command Output Saved to File

command -p > file.txt

Command Output Chaining

command1 -p | command2 -blah

Keyboard

- |

- >

Exercises

Connecting to the command line exercise platform

- server: <u>ceudsd.net</u>, port: 443

- Username: Lastname_Firstname, password: same as with Zeppelin

  - *you will not see the password as you type it*

- Linux, macOS:

  `ssh `<u>`Lastname_Firstname@ceudsd.net`</u>` -p 443`

Windows: Using Putty - please use the following settings