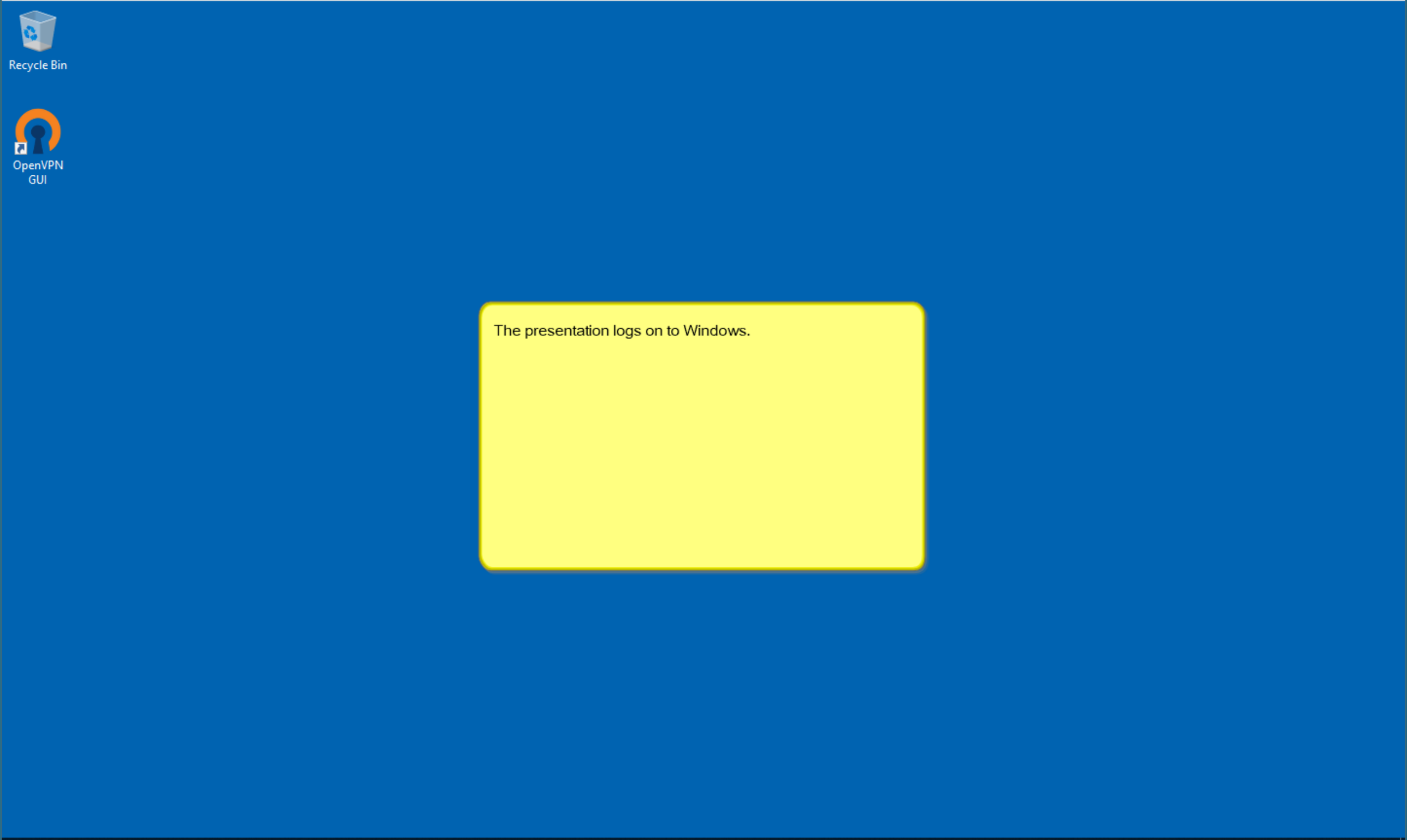
Ping and PathPing using Windows 10

This presentation uses ping and pathping to a class server.

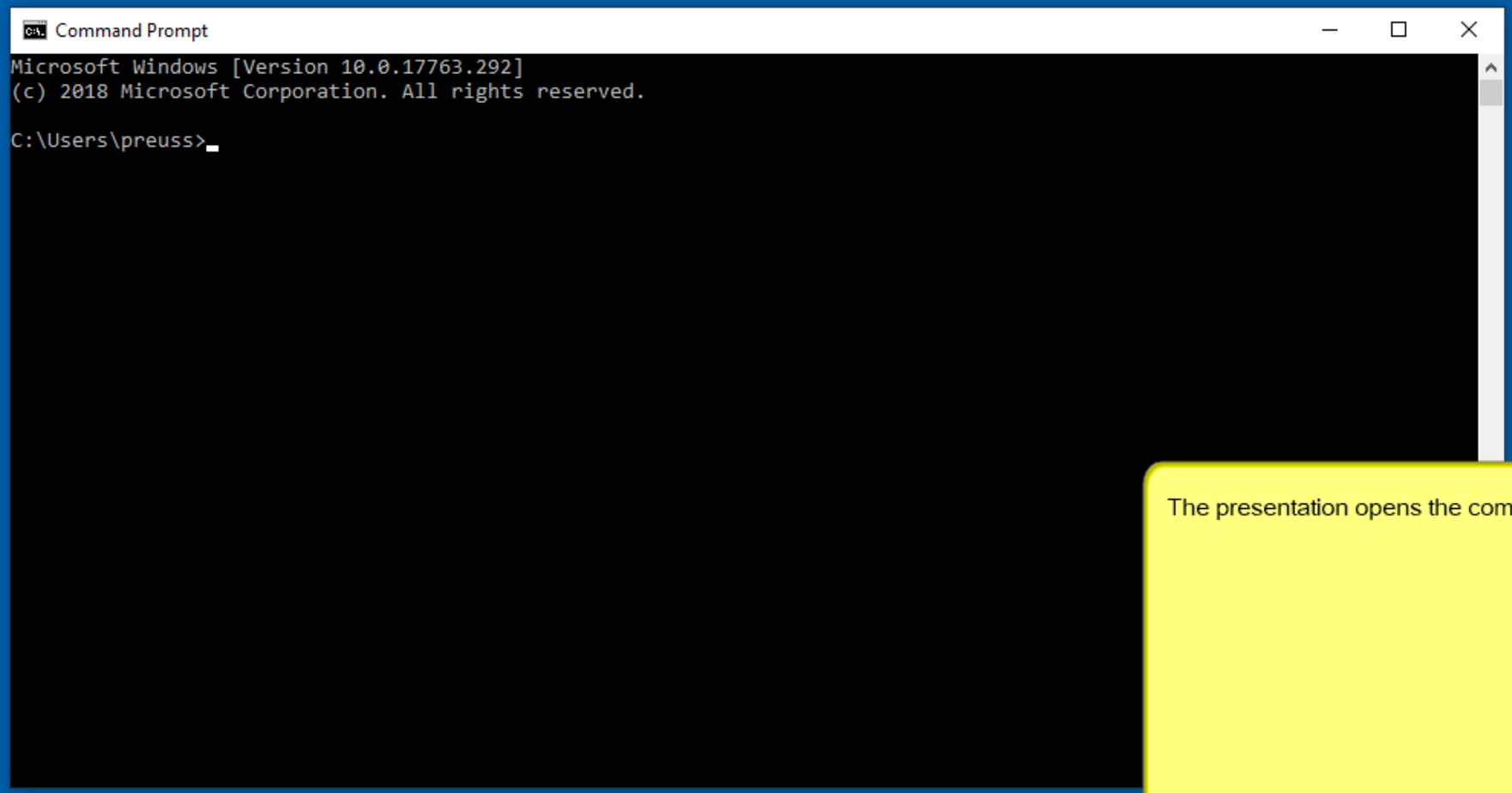
OS: Windows 10 1809

Preuss
2/3/2019


Recycle Bin
OpenVPN GUI
The presentation logs on to Windows.
2:26 PM
1/27/2019

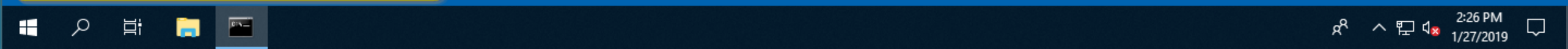
Recycle Bin

OpenVPN GUI



The presentation opens the command prompt as shown.

A method of getting the command prompt is selecting the magnifying glass. In the search box, enter the word "cmd" and press enter.



Recycle Bin

OpenVPN GUI

Command Prompt

```
Microsoft Windows [Version 10.0.17763.292]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\preuss>cd Documents

C:\Users\preuss\Documents>
```

The presentation prefers running the command in the documents folder.

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Recycle Bin

OpenVPN GUI

Command Prompt

```
Microsoft Windows [Version 10.0.17763.292]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\preuss>cd documents

C:\Users\preuss\Documents>ping ecuador.mait.minnesota.edu

Pinging ecuador.mait.minnesota.edu [2607:f930:1200:ac00::18] with 32 bytes of data:
Reply from 2607:f930:1200:ac00::18: time=44ms
Reply from 2607:f930:1200:ac00::18: time=46ms
Reply from 2607:f930:1200:ac00::18: time=44ms
Reply from 2607:f930:1200:ac00::18: time=44ms

Ping statistics for 2607:f930:1200:ac00::18:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 44ms, Maximum = 46ms, Average = 44ms

C:\Users\preuss\Documents>
```

The presentation successfully ping ecuador.mait.minnesota.edu.

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Recycle Bin

OpenVPN GUI

Command Prompt

```
C:\Users\preuss\Documents>pathping ecuador.mait.minnesota.edu

Tracing route to ecuador.mait.minnesota.edu [2607:f930:1200:ac00::18]
over a maximum of 30 hops:
  0  cptr2272-s2019.mait.minnesota.edu [2607:f930:1200:acff::1000]
  1  2607:f930:1200:acff::1
  2  2607:f930:1200:ac00::18

Computing statistics for 50 seconds...
            Source to Here   This Node/Link
Hop  RTT    Lost/Sent = Pct  Lost/Sent = Pct  Address
  0                                           cptr2272-s2019.mait.minnesota.edu [2607:f930:1200:acff::1000]
                                 0/ 100 =  0%   |
  1  ---     100/ 100 =100%   100/ 100 =100%  2607:f930:1200:acff::1
                                 0/ 100 =  0%   |
  2   44ms     0/ 100 =  0%     0/ 100 =  0%  2607:f930:1200:ac00::18

Trace complete.

C:\Users\preuss\Documents>
```

The presentation successfully pathping ecuador.mait.minnesota.edu. Note, your results/numbers may be different.

2:31 PM
1/27/2019