CONNECTION TO AZURE VM

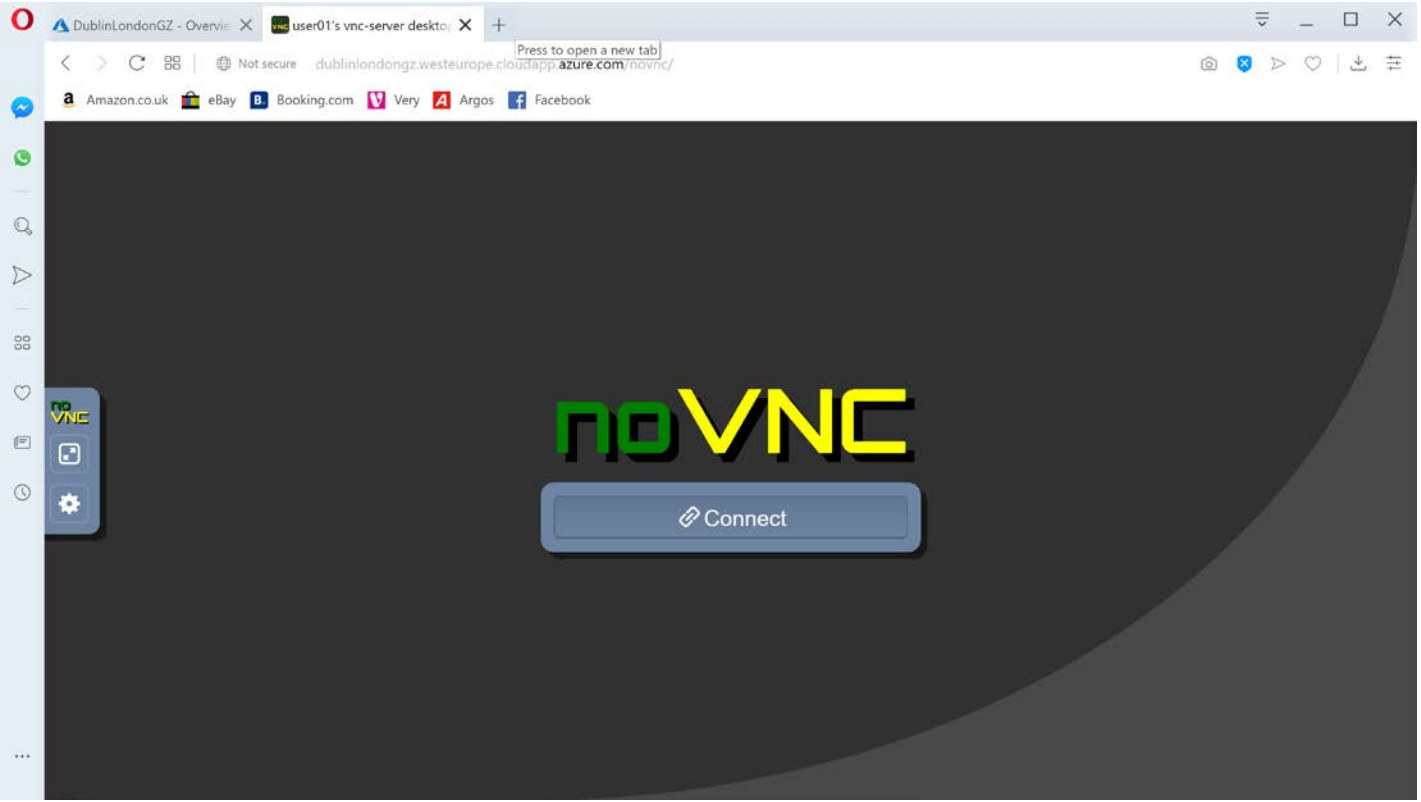
Login to the machine using noVNC

1. Connect to the internet
2. We will assign you a number of your instance (represented by xxx below)
3. Open your browser and go to

ostrava-novXXX.westeurope.cloudapp.azure.com/vnc

4. Use password intel123
5. You should see a GNOME desktop in your browser

If you see this…it worked



Hands-on Activity:
Find out what kind of machine you are running on

1. Log onto the VM
2. In the VM open a terminal
3. Run the following command:

```
lscpu
```

- How many cores do you have?
- Is hyperthreading enabled?
- What version of vectorisation is supported?

Example output

```
wp              : yes
flags           : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush mmx fxsr sse sse2 ss ht s
yscall nx pdpe1gb rdtscp lm constant_tsc rep_good nopl xtopology nonstop_tsc aperfmperf pni pclmulqdq ssse3 fma cx16 pcid s
se4_1 sse4_2 x2apic movbe popcnt tsc_deadline_timer aes xsave avx f16c rdrand hypervisor lahf_lm abm 3dnowprefetch invpcid_
single kaiser fsgsbase tsc_adjust bmi1 hle avx2 smep bmi2 erms invpcid rtm mpx avx512f rdseed adx smap clflushopt clwb avx5
12cd xsaveopt xsavec xgetbv1 ida arat pku
bugs            : cpu_meltdown spectre_v1 spectre_v2 spec_store_bypass l1tf
bogomips        : 6000.00
clflush size    : 64
cache_alignment : 64
address sizes   : 46 bits physical, 48 bits virtual
power management:

processor       : 15
vendor_id       : GenuineIntel
cpu family      : 6
model           : 85
model name      : Intel(R) Xeon(R) Platinum 8124M CPU @ 3.00GHz
stepping        : 3
microcode       : 0x100014a
cpu MHz         : 3000.000
cache size      : 25344 KB
physical_id     : 0
```

JUPYTER NOTEBOOKS

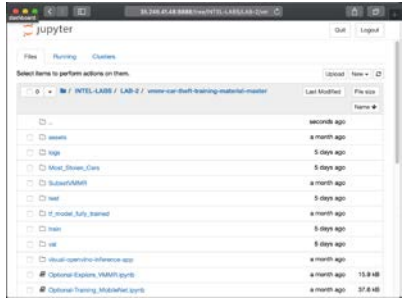
Accessing Jupyter notebooks

1. Connect to the internet
2. We will assign you a number of you ... ted by xxx below)
3. Open your browser and go ...

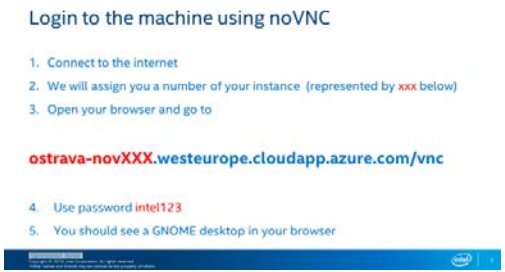
ostrava-novXXX ... cloudapp.azure.com/

Don't use this method – the environment is broken

4. Use pas ... 123
5. You should see a Jupyter Notebook n your browser



Accessing Jupyter notebooks



1. Log onto the VM (See first slide)
2. In the VM open a terminal
3. Run the following command:

```
jupyter notebook
```

A jupyter notebook should open with the home folder in the vmmr example

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