DataPower Course Labs via Skytap
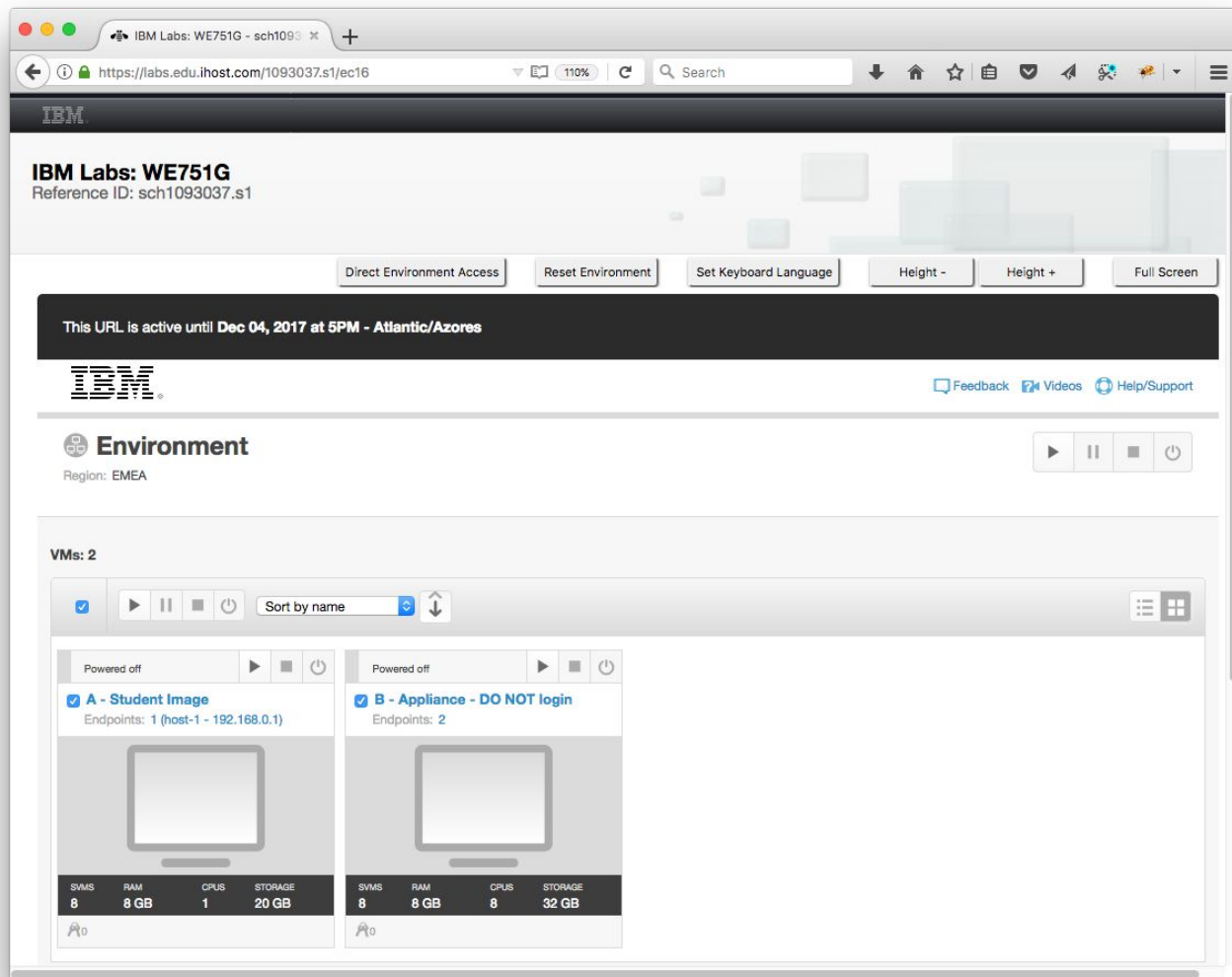
Accessing DataPower and Linux Desktop remote images
by Steve Edwards

Main Page.
Two images:

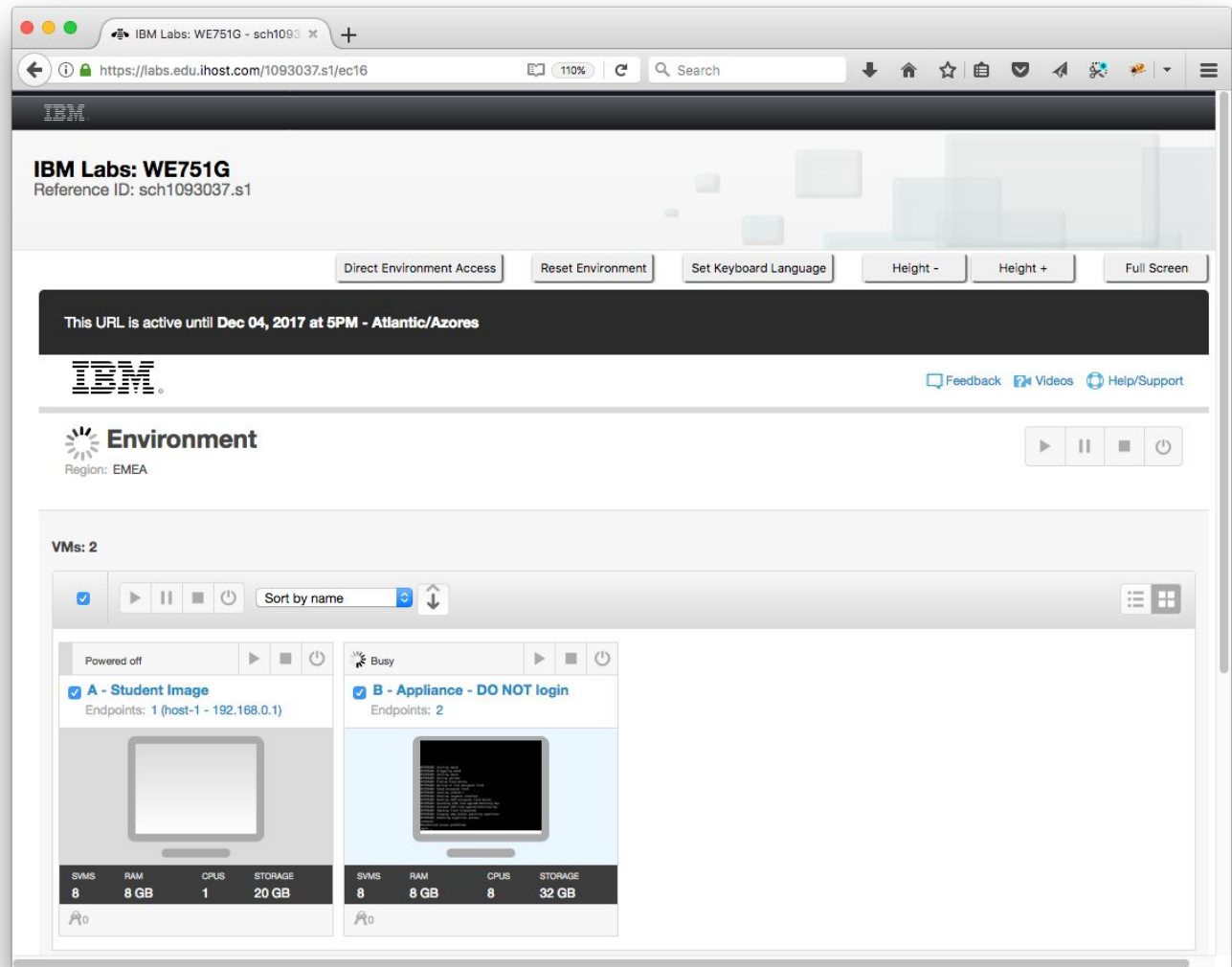*A - Student Image*: allows start & access to Linux desktop

B - Appliance ...: allows start of remote DataPower image

Start an image by clicking on arrow icon above the image name.

Start remote DataPower image first:

- note **Busy** icon
- takes few minutes
- **DO NOT login**: need to access DataPower through browser started in *Student Image* (i.e. Linux desktop)

Start remote Linux desktop image after *Appliance* image is running:

- note **Busy** icon
- takes few minutes to start up
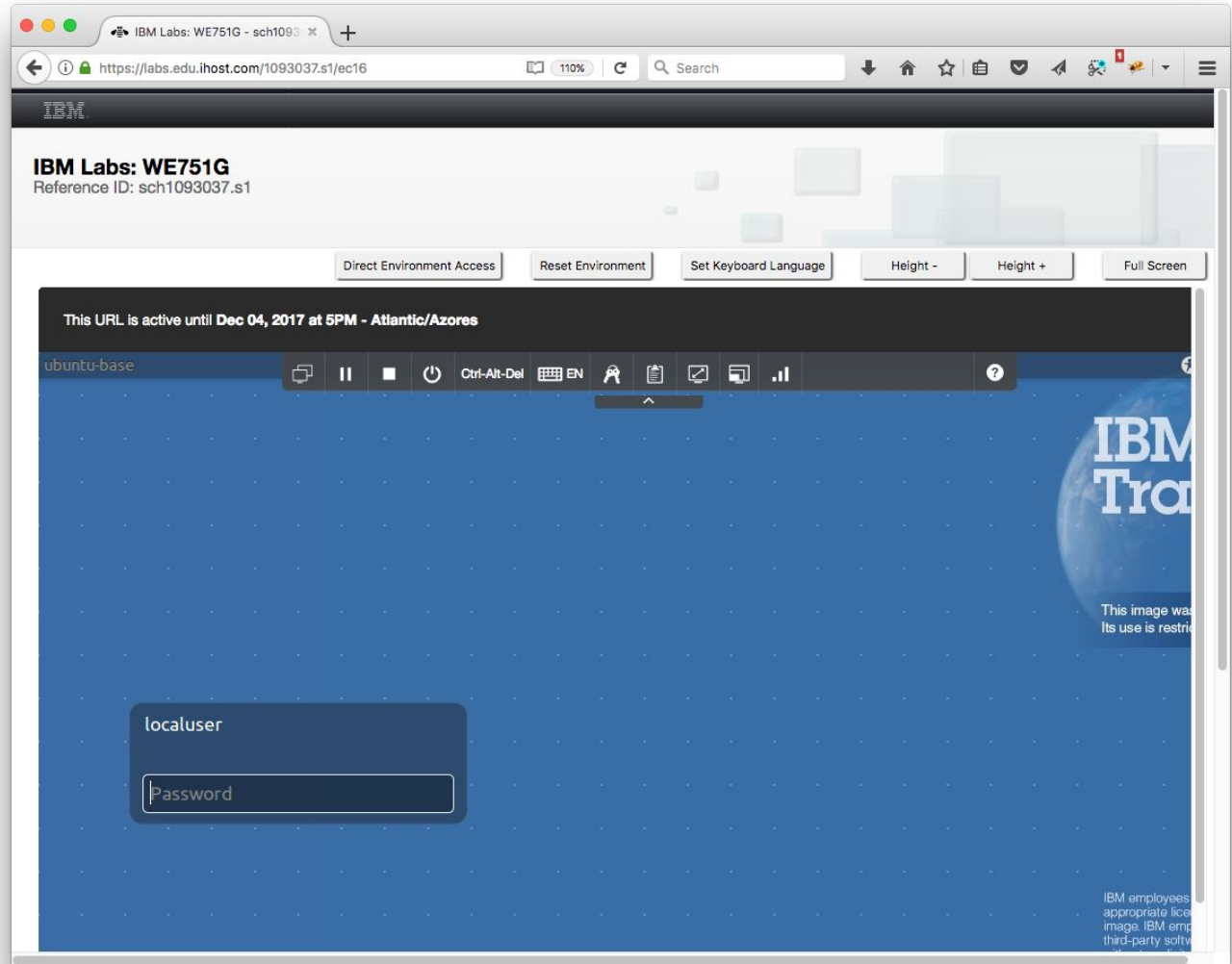- a green background will indicate it is *Running*
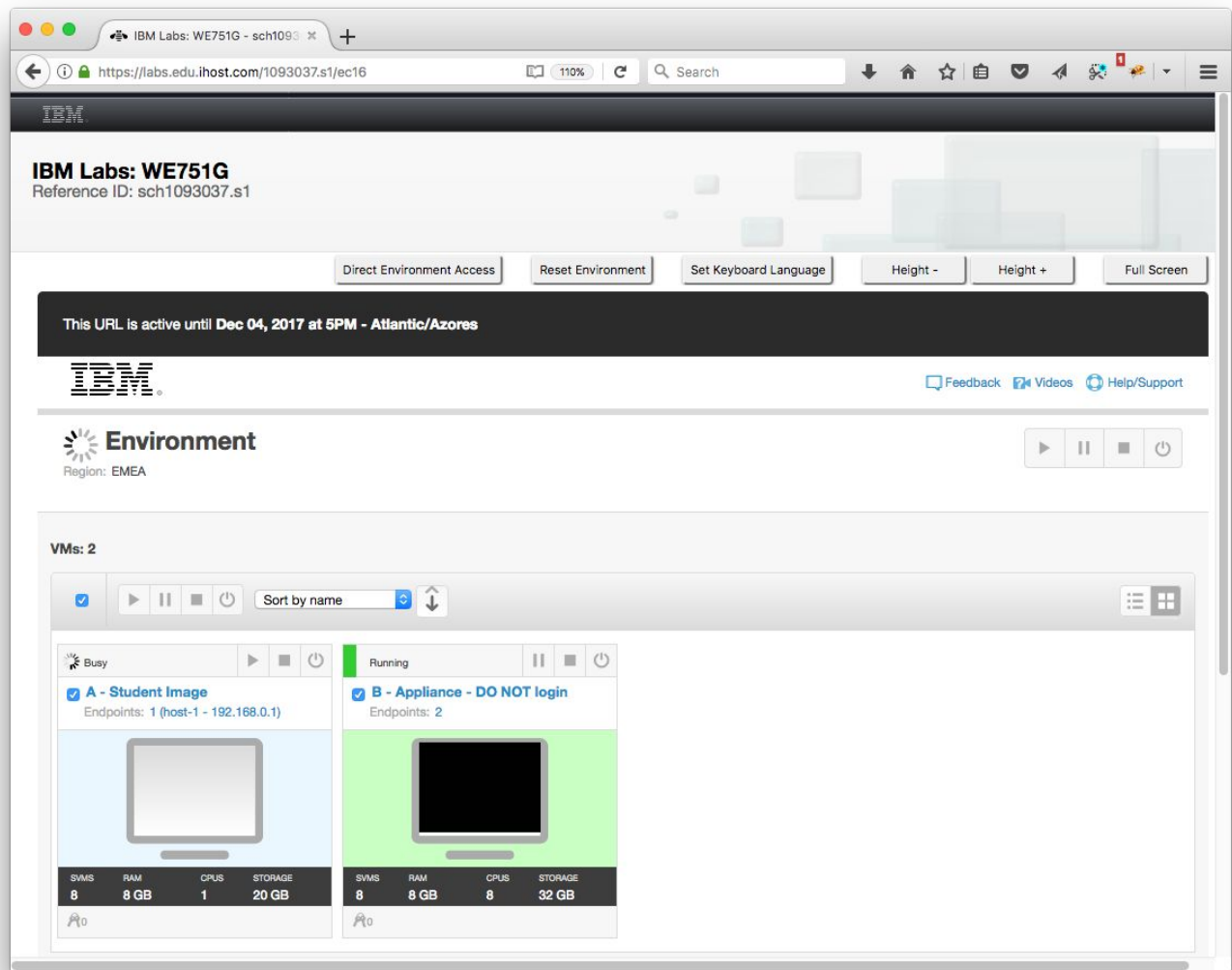
DataPower CLI:

- lab window open on DataPower image
- but CLI accessed via terminal in Linux image desktop
- CLI not used on *developers* course
- CLI used in the *admin* course
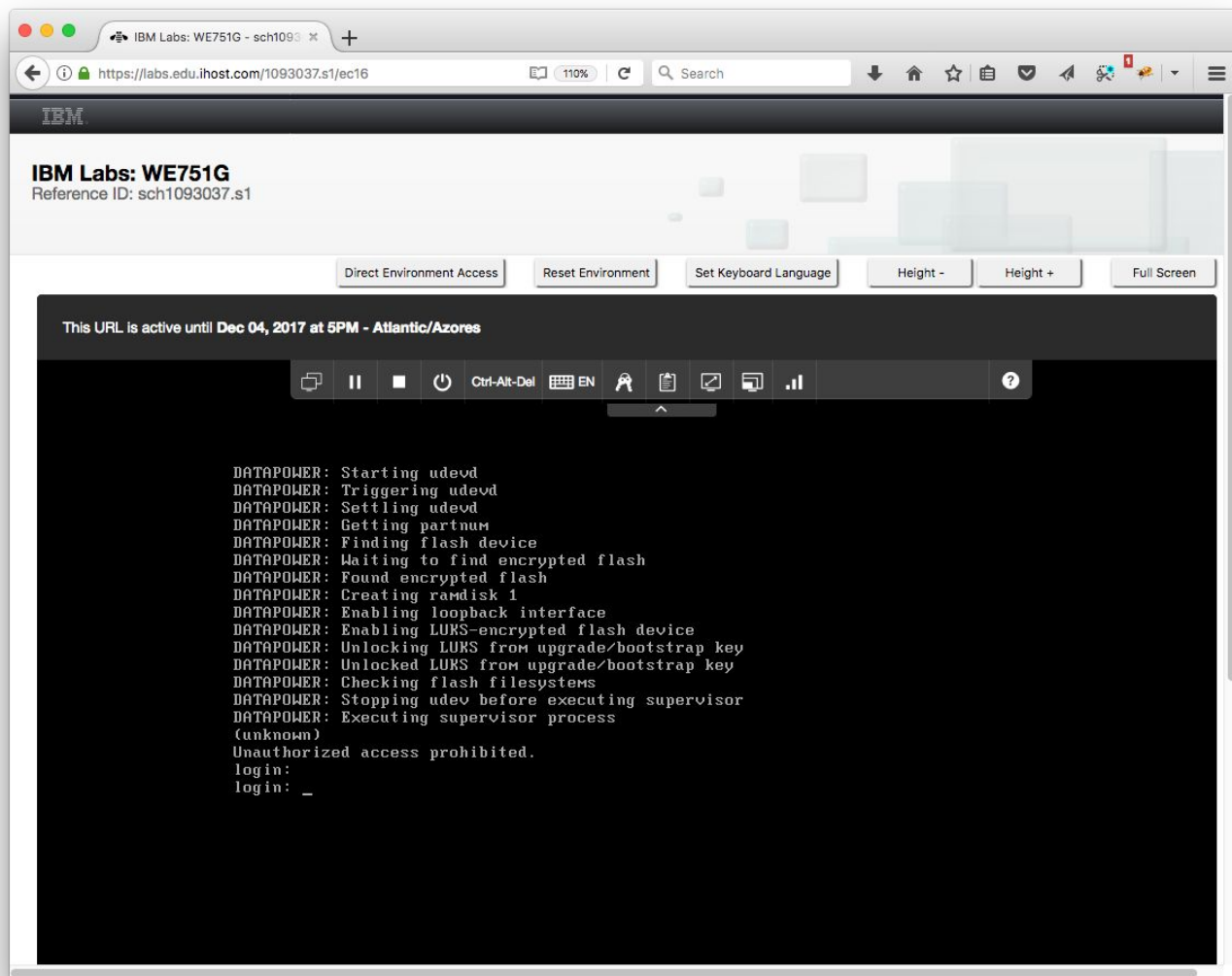
Linux desktop login:

Double click the green rectangle of the *Student Image* and wait until the login screen appears:
- name: ***localuser***
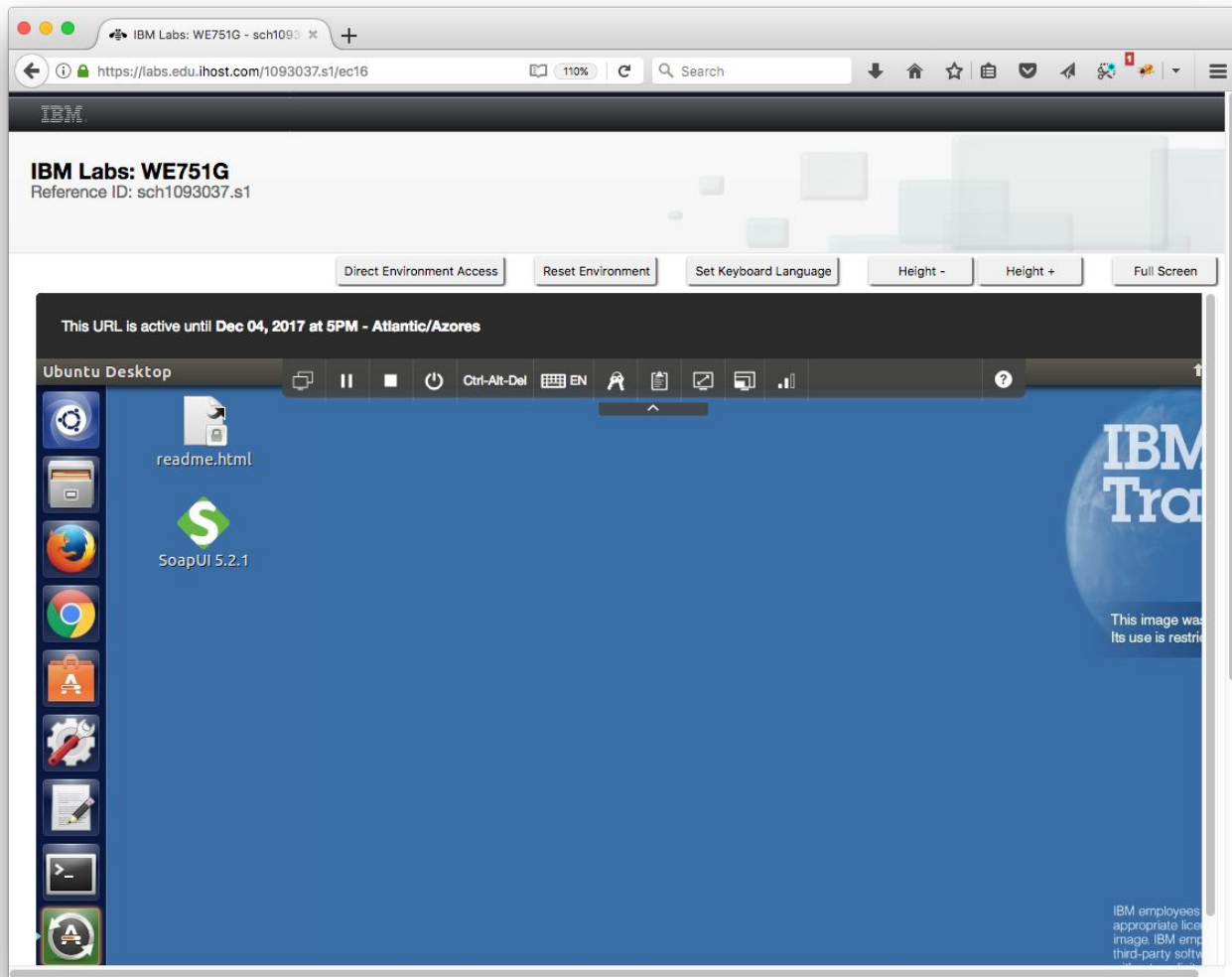- password: ***passw0rd***

Linux desktop:

Firefox:
- allows WebGUI access to DataPower

SoapUI:
- message sending utility
- set up to send SOAP / REST messages to DataPower
- not used in WE761

Terminal
Files

Initial Log in to DataPower

WE75*

    User Name:
        student01
    Password (initial):
        student01
    Domain:
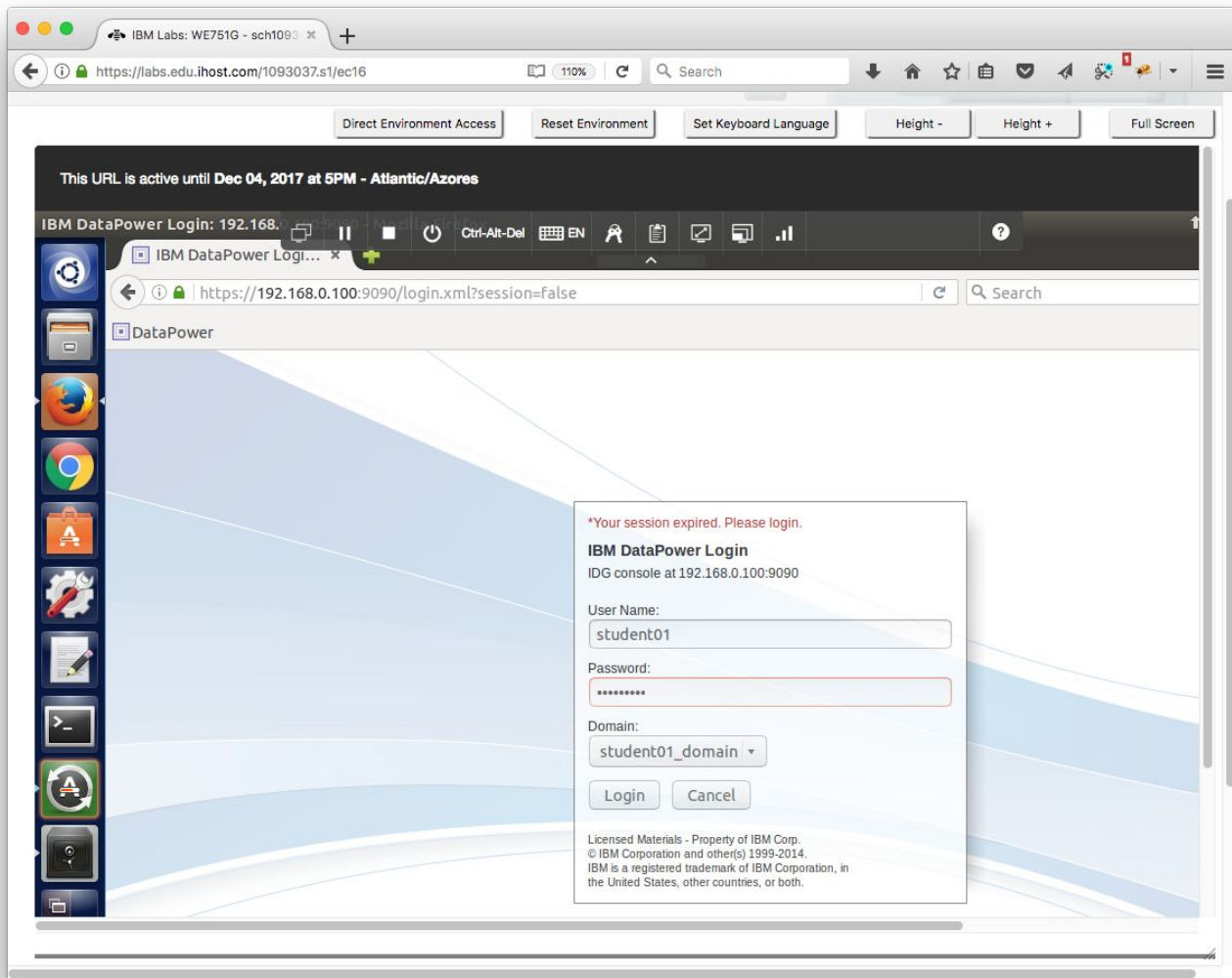   *student01-domain*

WE761

    User Name:
        sysadmin
    Password:
        sysadminpassw0rd
    Domain:
        default

DataPower Web Interface - *Blueprint Console*

IBM DataPower Gateways | IDG console at IDG-75-MacAir-V7.5   student01_domain ▾   student01 ▾   ⑦ ▾   IBM.

⊖ Services

All Services

New Service ▼   ↻   Filter

Service	Status	Service Type	Front side URL	Actions

Total: 0

All Services
Multi-Protocol Gateway
Web Service Proxy
B2B Gateway
Access Manager Reverse Proxy
XML Firewall
Web Application Firewall
Web Token Service
XSL Proxy
HTTP Service
TCP Proxy Service
SSL Proxy Service

Open icon

Click here to switch to *WebGUI*
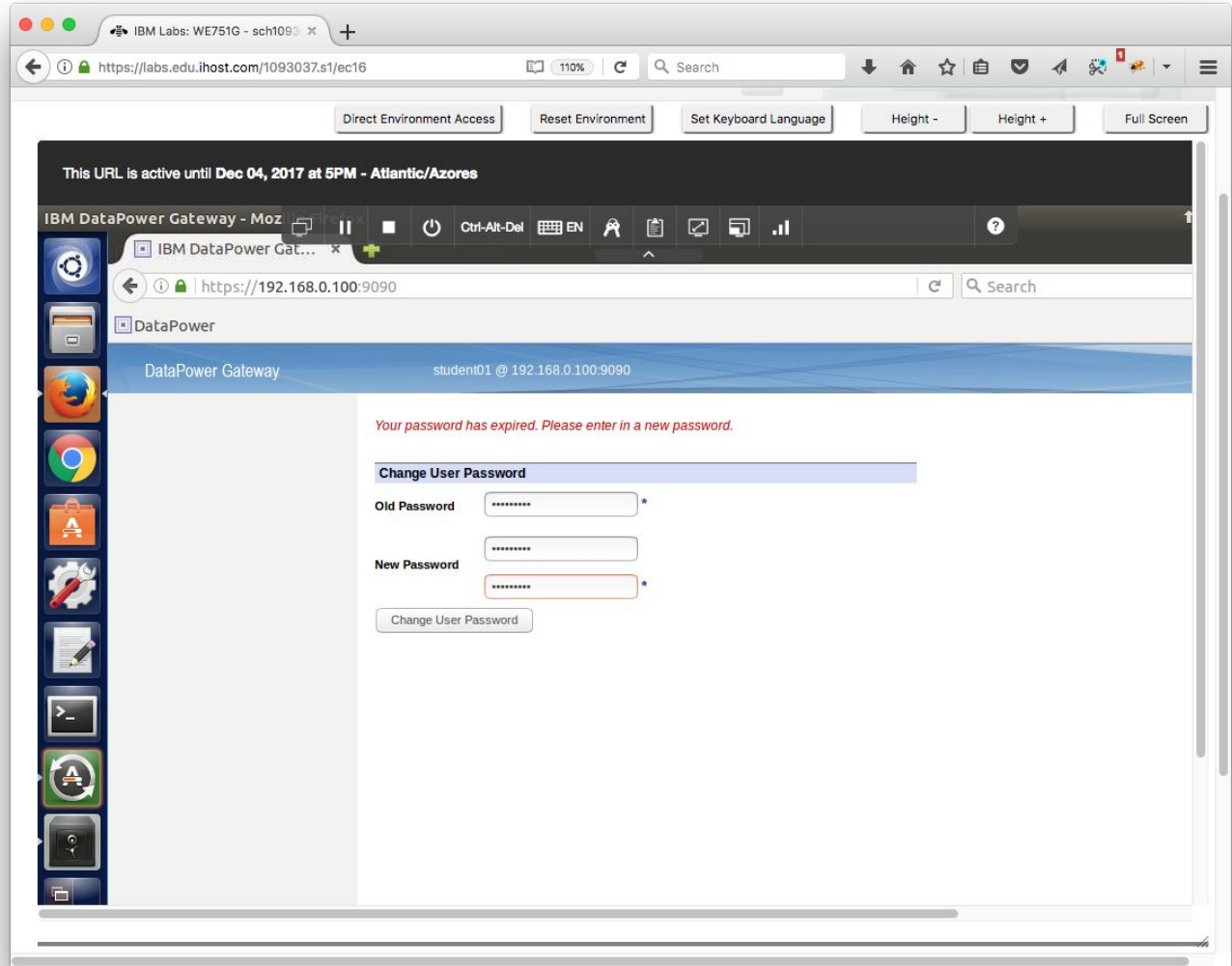*(bottom menu item of menu that pops up)*

DataPower Web Interface - *WebGUI*
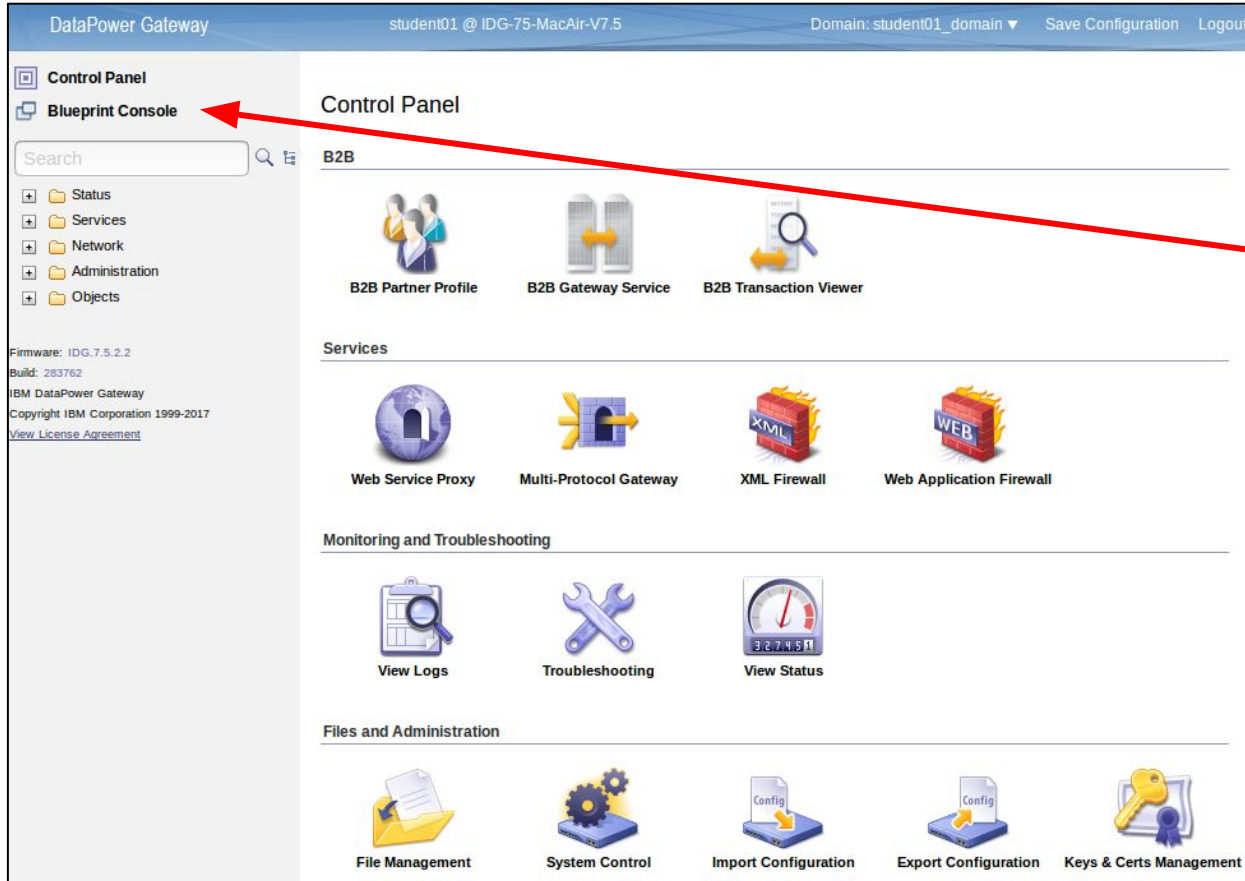
Click here to switch to *Blueprint Console*

WebGUI first login requires changing the initial password:

- remember your new password
- then need to login again with the new password
- change NOT needed for user *sysadmin* on WE761 course

WebGUI successful login
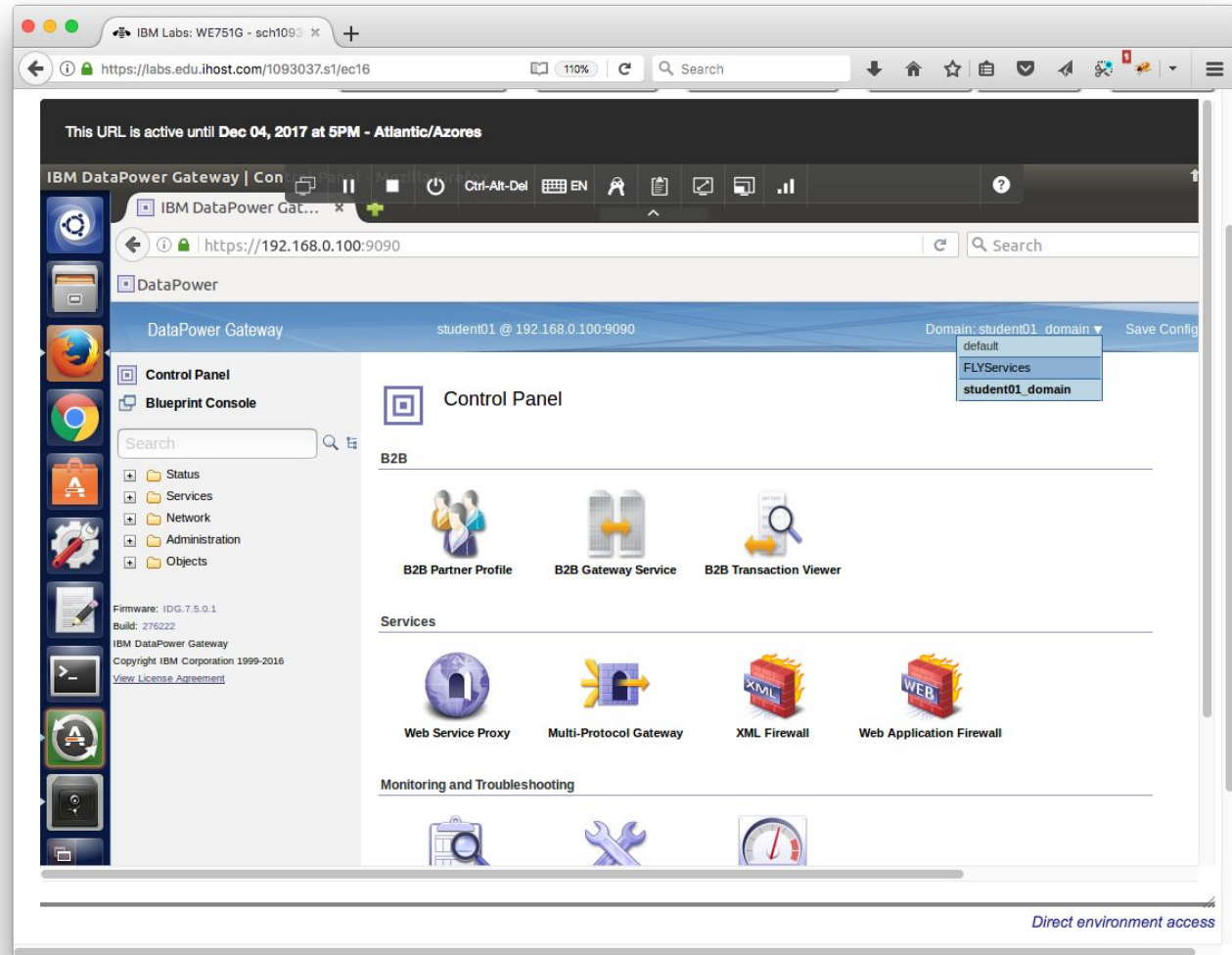
Note in top blue band:
- user
- domain
- browser URL

Domains:
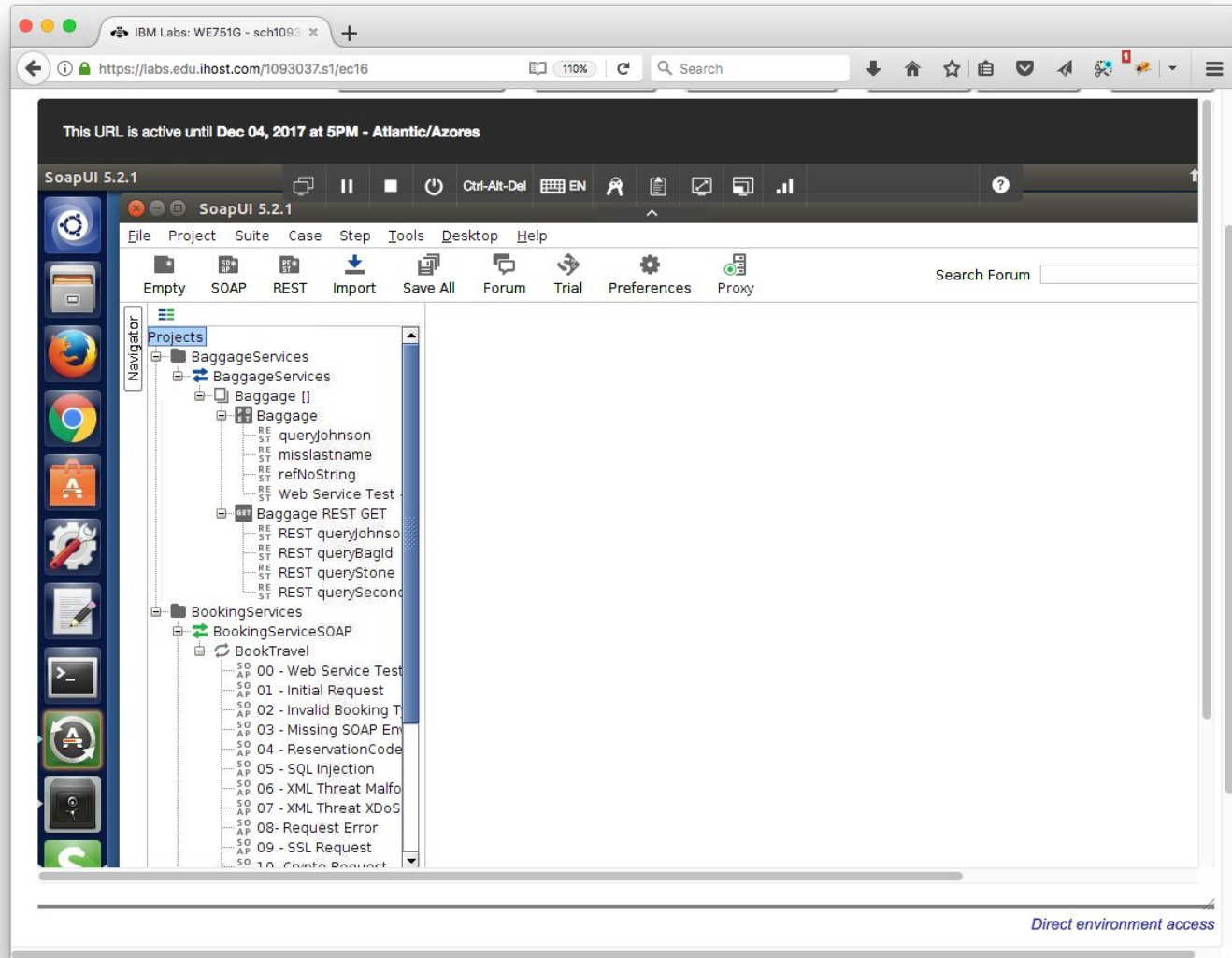*student01-domain*
- student work

FlyServices
- backend services

SOAPUI:

Already set up with 2 projects.

Need to open up the branches on the left.

Need to click *Preferences* tab and change settings before using.

SOAPUI:

After clicking **Preferences** tab change settings in **Global Properties**.

These settings are used by various requests already set up in the projects.

Replace **nn** with your student number.
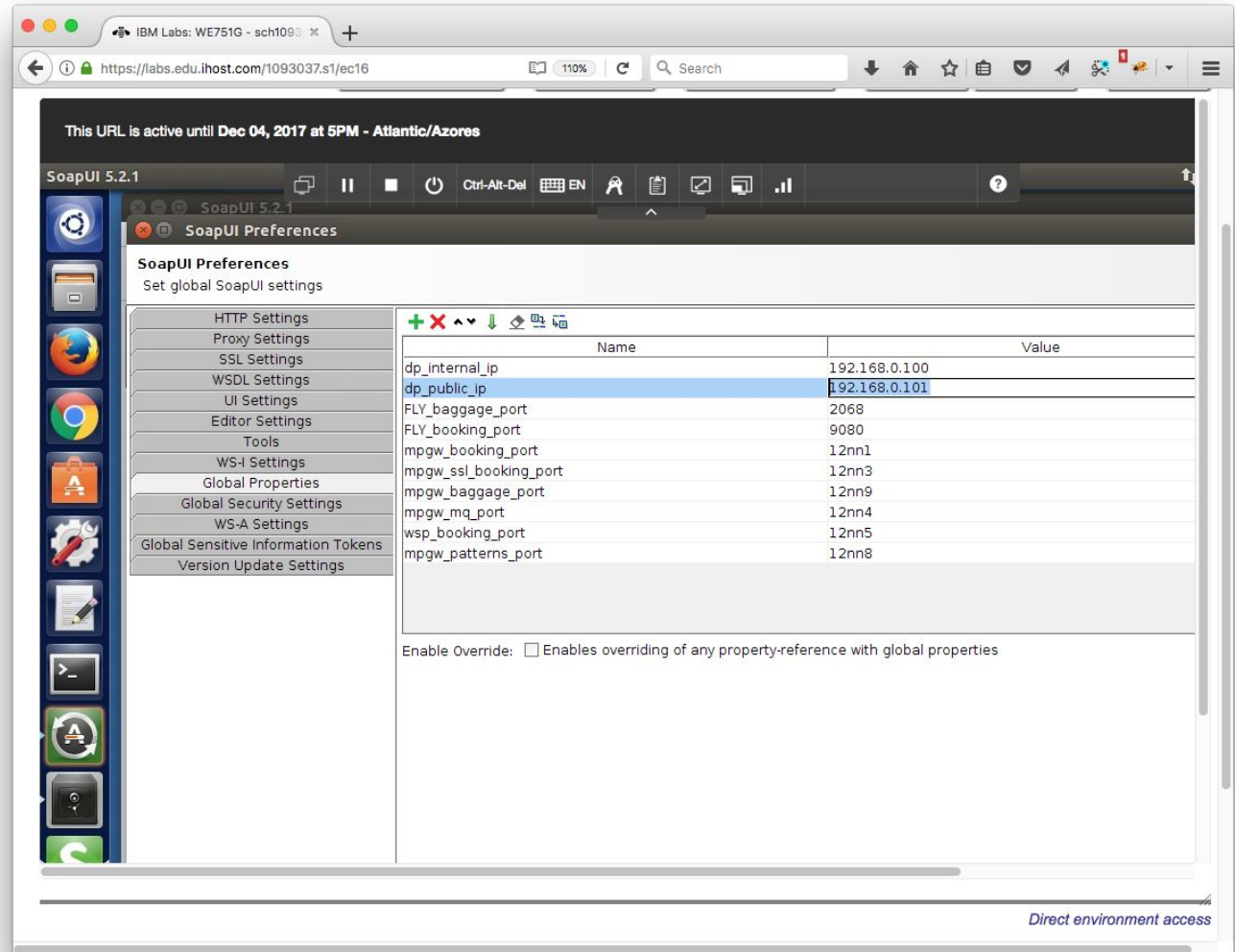
SOAPUI:

Note URL using properties within curly braces:

${dp_internal_ip}

Picture on right shows request on left and response on right after hitting:

Files:

Terminal:

Used to run:
- curl
- etc.

Skytap image controls:

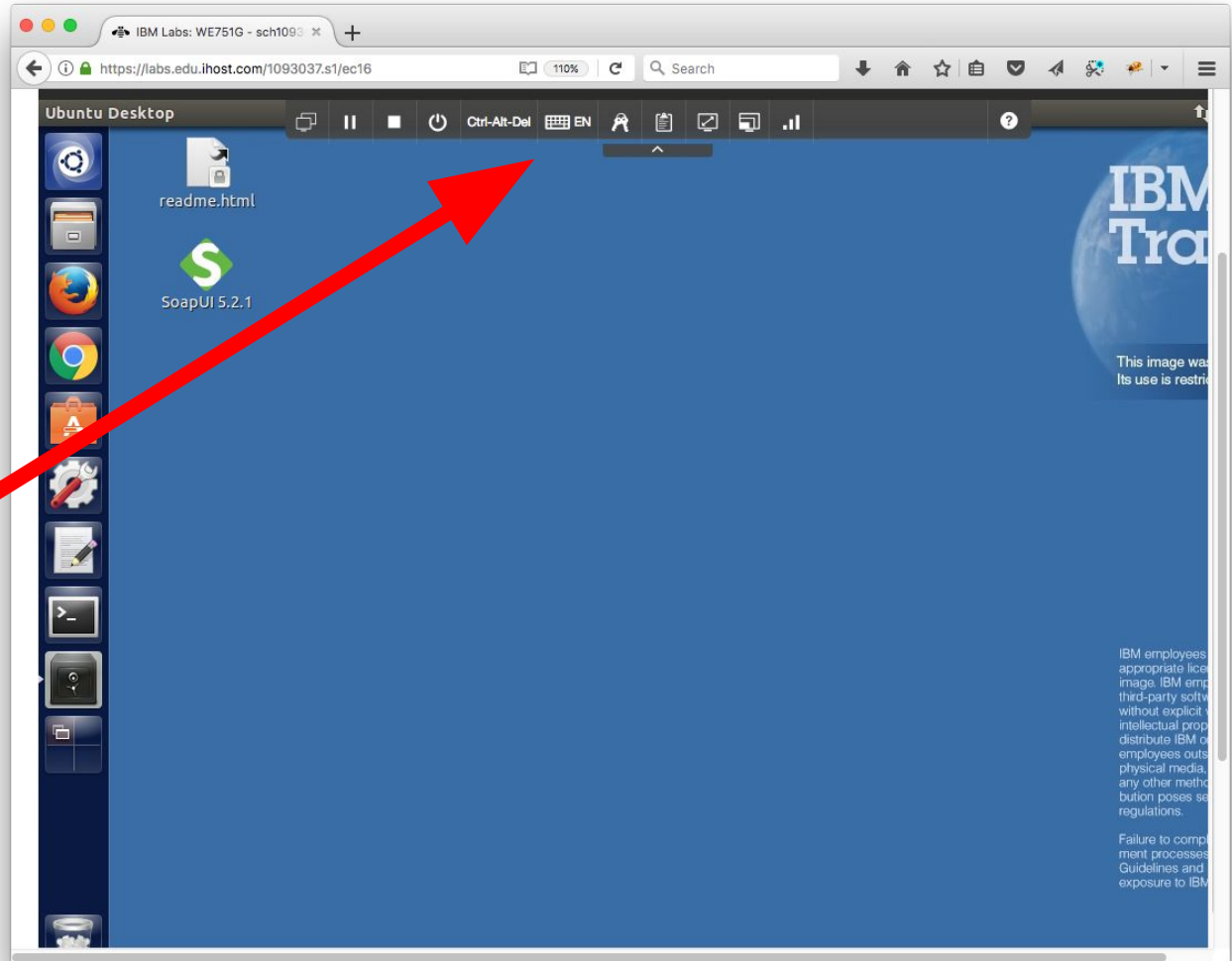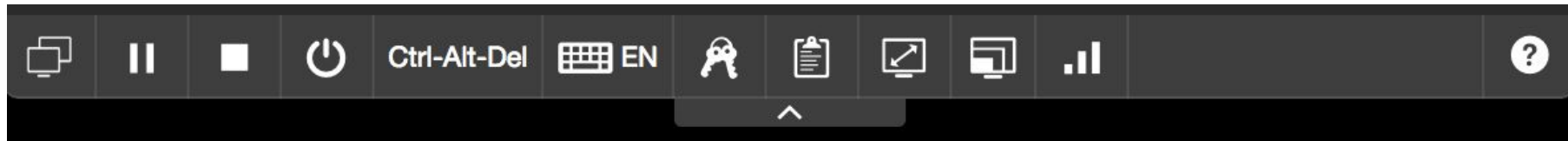At top of the browser in the host machine that is viewing the image, there are some image controls.

Use to change to best resolution and to get fullscreen.

Skytap remote image controls:

Environment VMs
     Suspend this VM
        Shutdown this VM
           Power options for this VM
             Ctrl-Alt-Del
               Keyboard layout
                 Credentials
                   Clipboard
                     Fit to Window
                       Change Resolution
                         Network Quality Indicator

Further Details

Details about:

- settings
- URLs
- IP addresses
- ports
- student numbers

may be found in the exercise book.