Develop Your Apps without Limits.

The OpenShift Platform

### The OpenShift Platform:

- Is up and running on Amazon Web Services (AWS, a remote cloud environment)
- Runs on RedHat Linux
- Allows you to play with new technologies
- Allows you to build your own applications on top of it

Sounds amazing, right?



### The OpenShift Platform on AWS

**But..**.gaining access and working in the remote cloud environment





...might not be a good idea.

# The OpenShift Platform on AWS

There is a strict policy describing how to gain access to the Amazon cloud to ensure that all environments are secure and the platform runs with accurate settings.

So, is there any solution?

### The OpenShift Platform

- Restricted Access

### Yes, of course:)

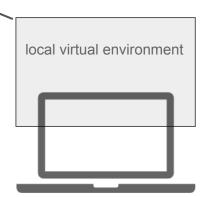
Our team has been introduced a concept how to build your local environment where all developers can:

- Freely implement
- Have freedom to explore the platform
- Develop and test their ideas without access limits

# The OpenShift Platform in a Local Env

We have applied a VirtualBox solution together with a base Linux image, CentOS, so instead of connecting to the remote cloud environment, you can easily build the platform on your virtual machine.





# The OpenShift Platform in a Local Env

#### How it works?

#### Your local virtual environment:

- Allows you to run the platform, even when you use the Windows operating system (CentOS is set as the Linux image)
- Enables you to control your development environment
- Is built with Packer + additional tools such as Cygwin
- Once it's ready to use, you can run the platform, use all environmental tools and an Internet connection



# The OpenShift Platform on a Virtual Machine

### **Technically speaking:**

Your local virtual environment + the OpenShift platform:

- Allow you to run the platform in the mirrored production environment
- Use Maven, Git, Java
- Use CNTLM to handle Internet access via a Sabre corporate proxy



# The OpenShift Platform on a Virtual Machine

### Want to give a try? We will support you :)

- We publish all news on our blog where you can also leave your comments and participate in discussions: <a href="http://vxu.wp-interview.com/">http://vxu.wp-interview.com/</a>
- To check how the local virtual environment works on a daily basis, go to our documentation where you will find a step-by-step guide how to set it up: <a href="https://nataliakatrynska.github.io/">https://nataliakatrynska.github.io/</a>

# The OpenShift Platform Q&A