



PaaS solutions evaluation

CERN openlab Summer Students
Lightning Talks Sessions

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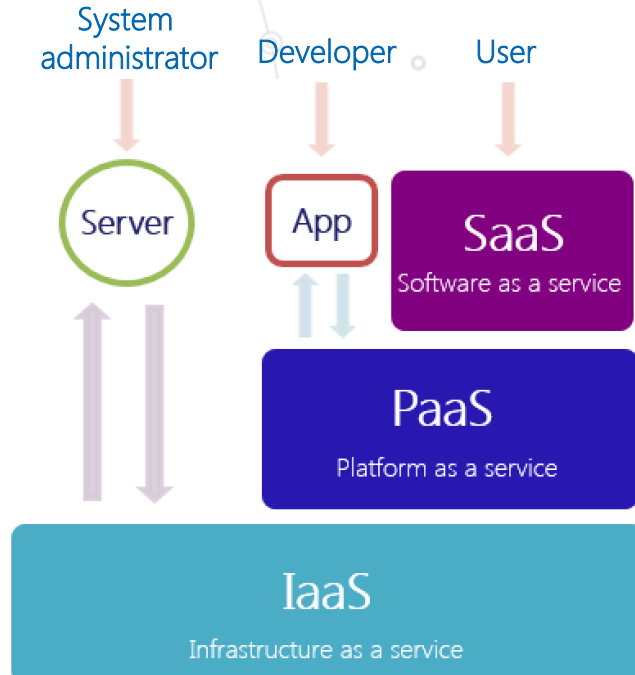
> 19/08/2014

Background image: Shutterstock

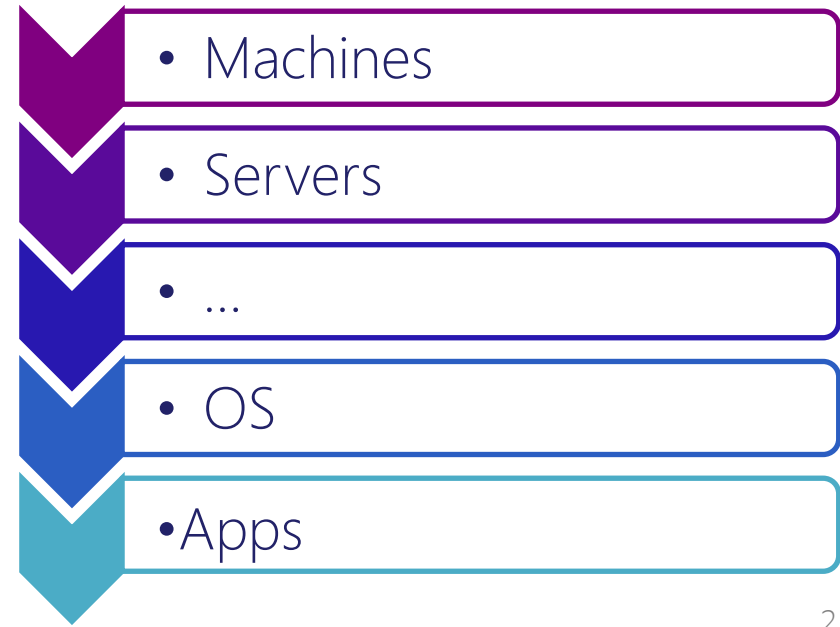


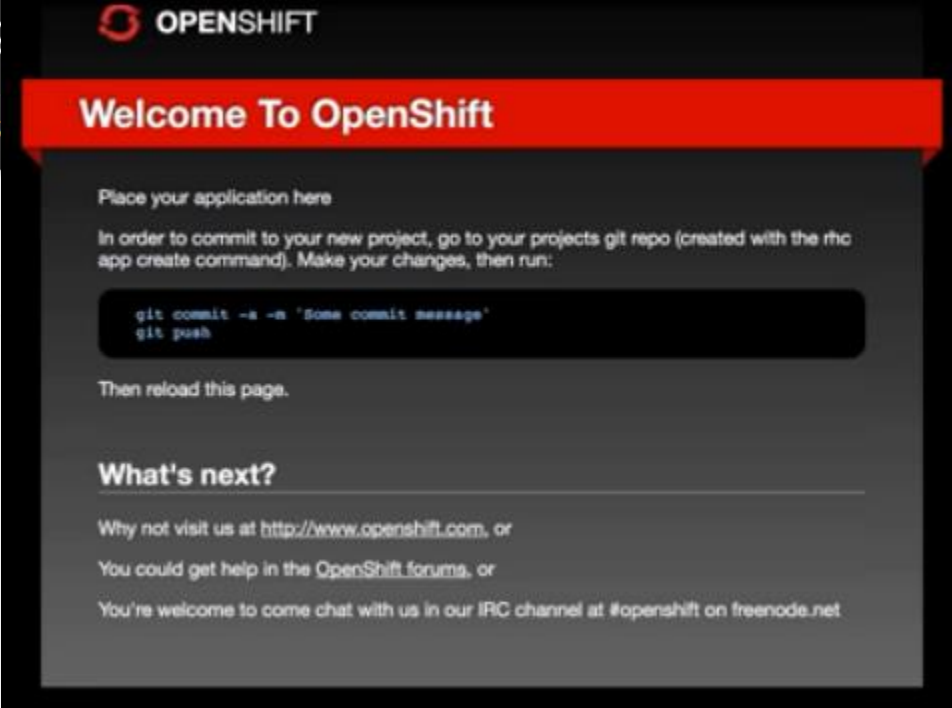
The Project Challenge

Horizontal approach



Vertical approach





OPENS

Applications

Welcome To OpenShift

Place your application here

In order to commit to your new project, go to your projects git repo (created with the `rhc app create` command). Make your changes, then run:

```
git commit -a -m "Some commit message"
git push
```

Then reload this page.

What's next?

Why not visit us at <http://www.openshift.com>, or

You could get help in the [OpenShift forums](#), or

You're welcome to come chat with us in our IRC channel at [#openshift](#) on [freenode.net](#)

Based On

Public URL

3 Next steps

OpenShift will automatically register this domain name for your application. You can add your own domain name later.

Solutions

> Deployment

> Scaling

> Runtimes



OpenShift Origin



Private hosting



Vertical, horizontal, auto



Java, Node, Perl, Php, Python, Ruby



Cloud Foundry



Private hosting



Vertical, horizontal



Go, Groovy, Java, Node, Ruby, Scala

Conclusion

- › Tools we have
 - DB on Demand
 - Java platform (Middleware manager)
 - Cloud Foundry to test
- › Things we want
 - Plug standard tools
 - Stop maintaining our own stack
- › Further work
 - Evaluate infrastructural changes needed to deploy OpenShift Origin