



RED HAT® DEVELOPER PROGRAM

Cloud Workspaces

A new way to Develop

developers.redhat.com



@kamesh_sampath

Who am I ?



Kamesh Sampath

Director of Developer Experience at Red Hat

- Active Open Source Contributor
- Creator vert.x-maven-plugin → <https://vmp.fabric8.io/>
- Contributor fabric8 platform → <https://fabric8.io/>



ksampath@redhat.com

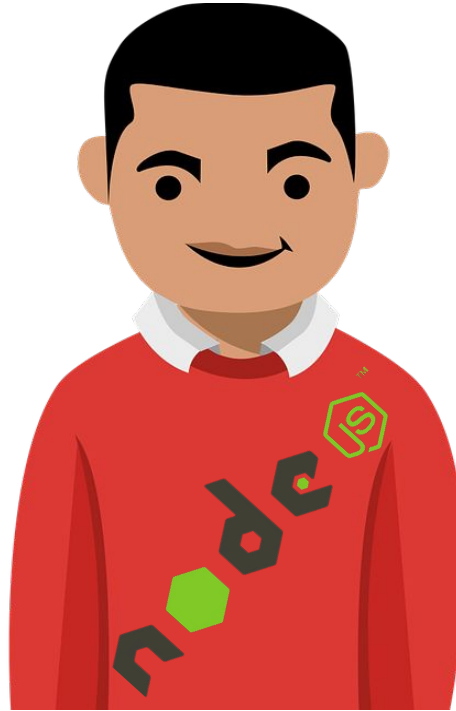
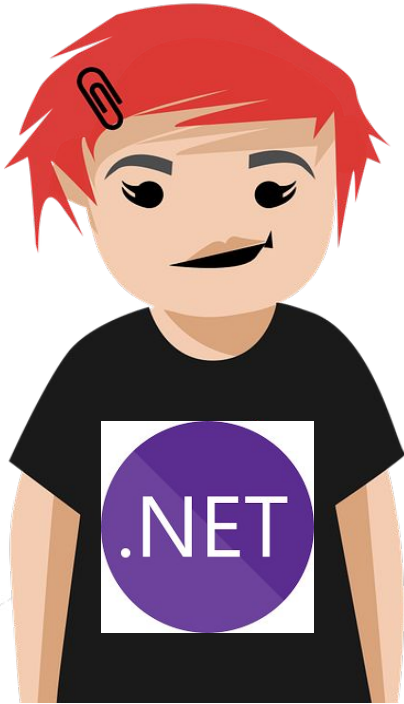


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Developer Onboarding



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Developer Onboarding (contd.,)

- New workstation
 - Physical Desktop, Laptop, VDI/Citrix
 - How long it will take to get the machine?
- Install tools, kits, sdk etc.,
 - Downloads
 - Right versions installed ??
- Java is portable but not perfect
 - What works in my dev works in prod?
- Special privileges on the machine
- Security and Compliance





1. How many days or weeks do you have to wait for a VM?
2. How many tickets need to be filed?
3. How many managers need to approve it?
4. What if a house builder had to wait days/weeks for a hammer or some nails?
5. What signal does this send to the people who need the resources?

Why do expensive resources like developers wait so long for inexpensive resources like VMs?



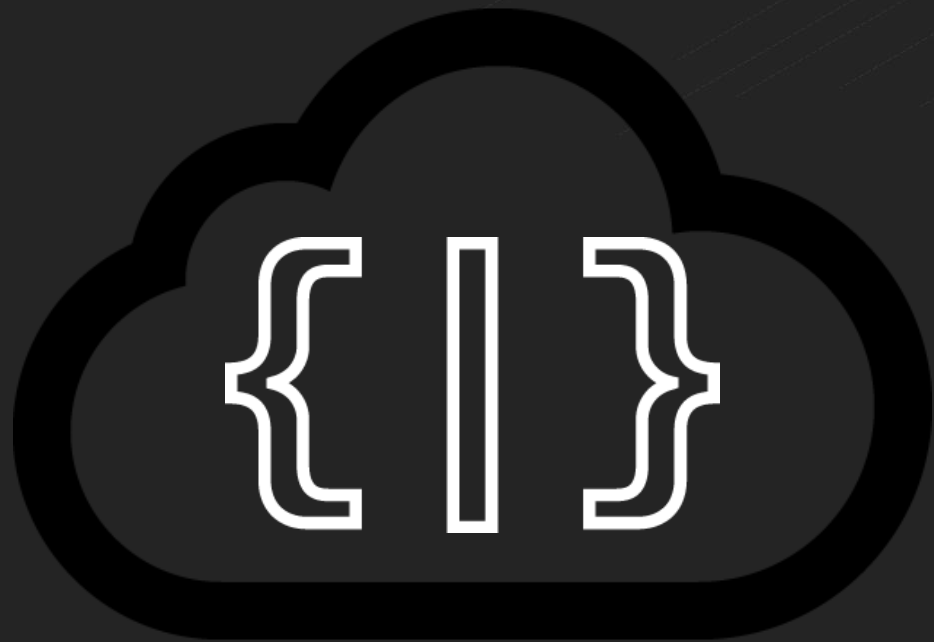
WALL OF CONFUSION



You need self-service, API-driven (ticketless),
quota managed, infrastructure on-demand

What is Cloud Workspace

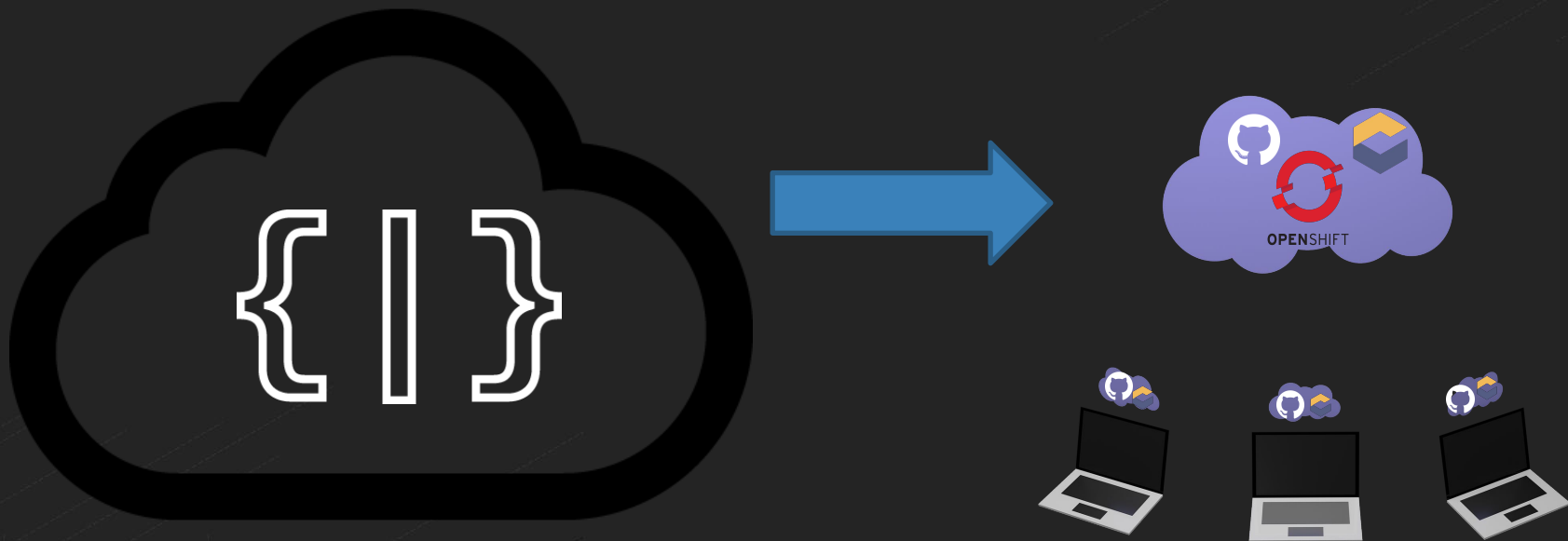
- Compilers
- Build agents
- Diagnostics
- Content Assist
- Quick assists
- Debugger
- Test runners



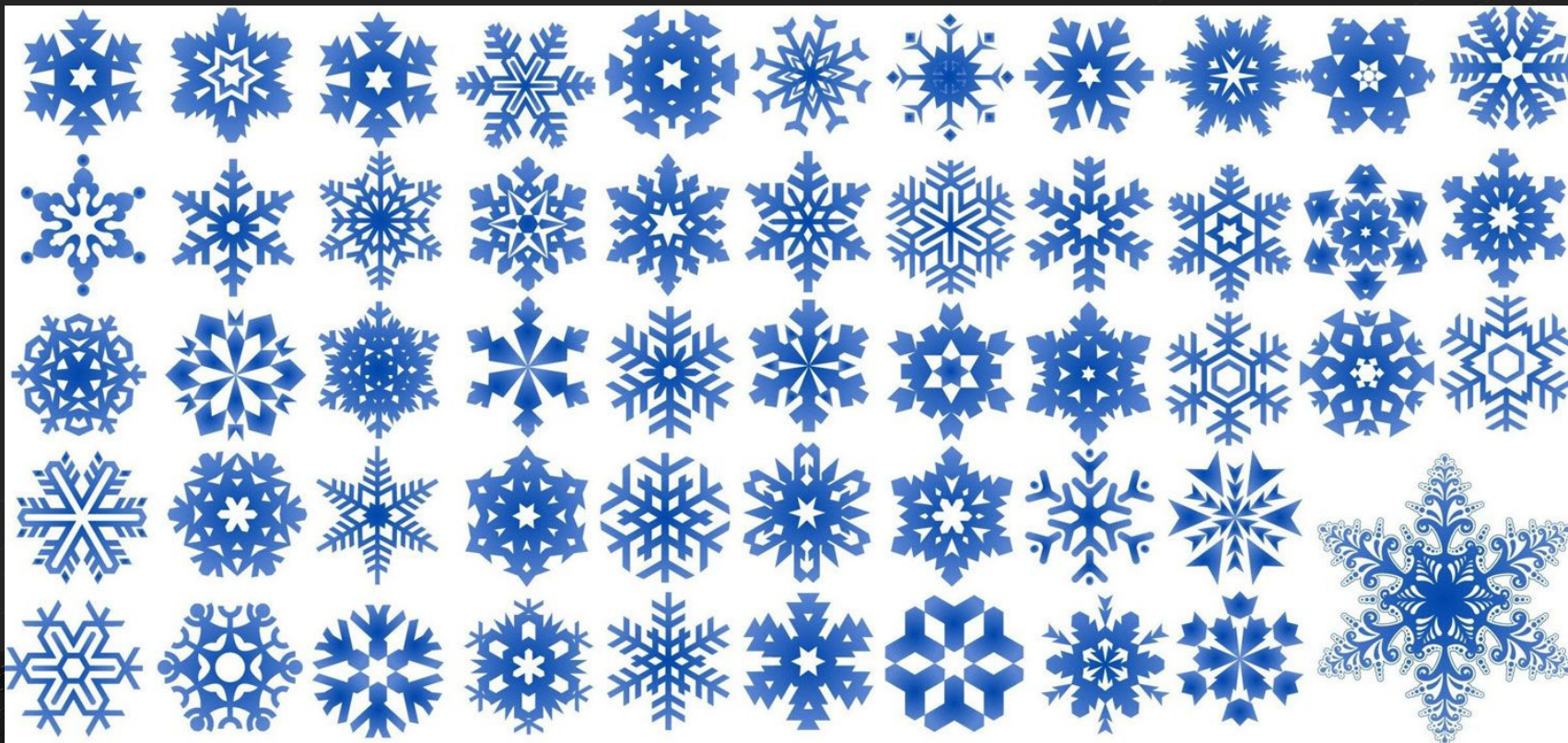


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Building a Cloud Workspace



Snowflakes or Phoenix?

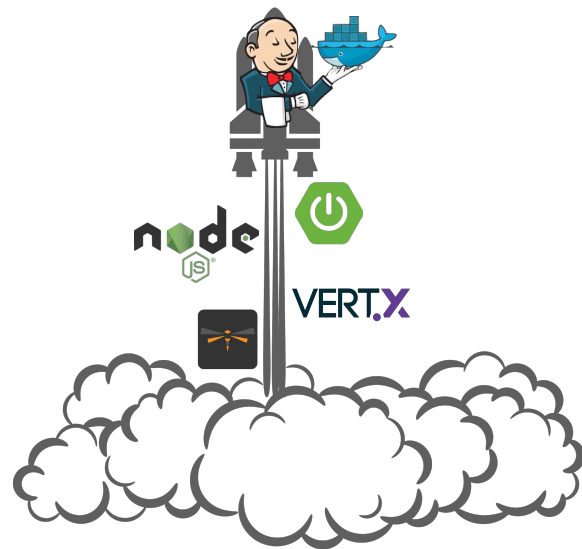


Snowflakes or Phoenix?



LaunchPad – launch.openshift.io

- Application Runtimes
- Pre-built Pipelines
- Ready to be deployed on openshift



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DEMO



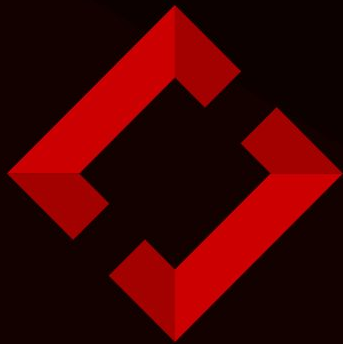
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Summary

- Minishift
- Source Repo - <http://bit.ly/cloudws-demo>



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