

OpenShift 4.x Architecture Workshop

Welcome and Intro

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About me..

Alfred Bach Technical Partner Enablement Manager

Living in Austria near Vienna

4 Years with Red Hat Coming from CA and SUSE/NOVELL

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Agenda Day 1



- Welcome and Intro
 (for OpenShift NewBees and Sales)
- The platform for big ideas

BREAK

OpenShift 4 Architecture

LUNCHBREAK

- Welcome and Intro (for OpenShift "Oldies")
- Operator framework, Cri-O, CoreOS
- OpenShift 4 Installation

BREAK

- Cloud Native Development
- Learn.openshift.com (HandsOn)



Agenda Day 2



- OpenShift VIrtualisation
- Advanced Cluster Management

BREAK

- Modern Registry Management QUAY
- OpenShift Security

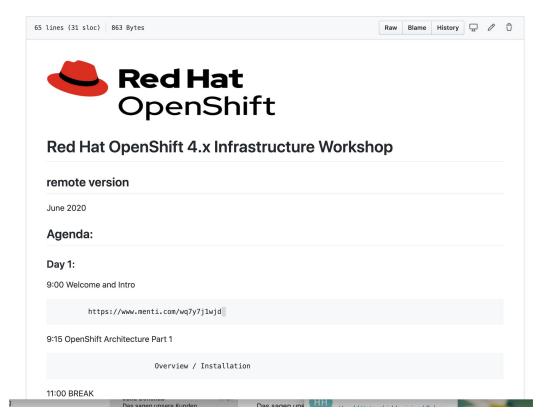
LUNCH BREAK

- Roadmap
- Introduction into Hands-On Lab
- Q&A



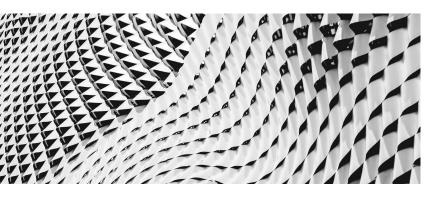
Github

https://github.com/alfbach/OCP Arch/





Company overview



We forged a new path to become the world's leading provider of enterprise open source solutions.



The world's leading provider of open source enterprise IT solutions

MORE THAN

90%

of the

FORTUNE

500

use

RED HAT

PRODUCTS & SOLUTIONS*

~13,815

EMPLOYEES

105+ 40+

OFFICES

COUNTRIES

THE FIRST

\$3 BILLION

OPEN SOURCE COMPANY

IN THE WORLD



How we got here

1993	9	Founded	2013	9	Red Hat OpenStack Platform released
1999	þ	IPO	2014	þ	CentOS joins Red Hat
2002	þ	First release of enterprise Linux		þ	Inktank (Ceph), eNovance (OpenStack), & FeedHenry (Mobile) acquired
2006	þ	JBoss acquired	2015	þ	Ansible acquired
2009	0	Red Hat Virtualization released	2016	0	\$2 billion in revenue
	þ	Red Hat added to S&P 500 index		þ	3scale acquired
2011	þ	CloudForms & OpenShift released	2017	0	Codenvy & Permabit acquired
	þ	\$1 billion in revenue	2018	þ	CoreOS & NooBaa acquired
2012	0	Red Hat Storage released	2019	9	\$3 billion in revenue
	þ	OpenShift Enterprise released		þ	Red Hat acquired by IBM



Red Hat is still Red Hat



IBM is an ideal teammate to scale and accelerate Red Hat's future

~381,000 Employees worldwide

\$78.8B In '18 revenues

\$19.2B In '18 cloud revenues

+12% YOY

- IBM is one of the most storied technology companies in the world with an unparalleled track record of innovation and vast expertise across industries
- As a Red Hat partner for more than 20 years, IBM offers complementary hardware and serves as a champion of open source technology
- IBM and Red Hat will continue to collaborate for the success of thousands of customers



IBM has been a longtime supporter of Linux with

\$2 billion

in Linux investments across its platform over the past 2 decades







Bring Red Hat solutions everywhere IBM is

Today, Red Hat operates in more than 40 countries; IBM operates in more than 175 countries. We'll explore how to expand availability of Red Hat's open hybrid cloud portfolio in more places.

The opportunity ahead



Optimize IBM's technologies for the Red Hat portfolio

Through our existing partnership, many IBM technologies are already certified for Red Hat Enterprise Linux and Red Hat OpenShift. IBM will work to optimize its technologies for the Red Hat portfolio and to enable customers to use them everywhere Red Hat runs, including multiple public clouds.

In the coming weeks and months, these are some of the ways we plan to work together



Expanded corporate social responsibility + STEM initiatives

Our aim is not only to be the best hybrid cloud company, but also to be the best company for the world. Red Hat already champions STEM initiatives like CO.LAB and skills-building programs like Red Hat Academy. IBM has been a powerful force in STEM and gives back to communities around the world through initiatives like P-TECH, Corporate Services Corps, and Call for Code. We'll work to see how we can expand these efforts to do more together.





Thank you

Red Hat is the world's leading provider of

enterprise open source software solutions.

Award-winning support, training, and consulting

services make

Red Hat a trusted adviser to the Fortune 500.

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