

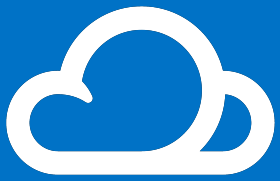


OpenShift Container Platform on Azure with an one-liner



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Azure Saturday 2017



Why am I here?



Linus Benedict Torvalds



Hello everybody out there using minix -

I'm doing a (free) operating system (just a hobby, won't be big and professional like gnu) for 386(486) AT clones. This has been brewing since april, and is starting to get ready. I'd like any feedback on things people like/dislike in minix, as my OS resembles it somewhat (same physical layout of the file-system (due to practical reasons) among other things).

I've currently ported bash(1.08) and gcc(1.40), and things seem to work. This implies that I'll get something practical within a few months, and I'd like to know what features most people would want. Any suggestions are welcome, but I won't promise I'll implement them :-)

Linus (torv...@kruuna.helsinki.fi)

PS. Yes - it's free of any minix code, and it has a multi-threaded fs. It is NOT protable (uses 386 task switching etc), and it probably never will support anything other than AT-harddisks, as that's all I have :-).



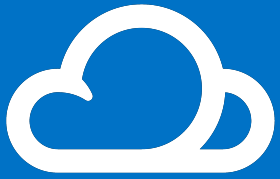
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From: RMS%MIT-OZ@mit-eddie
Newsgroups: net.unix-wizards,net.usoft
Subject: new Unix implementation
Date: Tue, 27-Sep-83 12:35:59 EST
Organization: MIT AI Lab, Cambridge, MA

Free Unix!

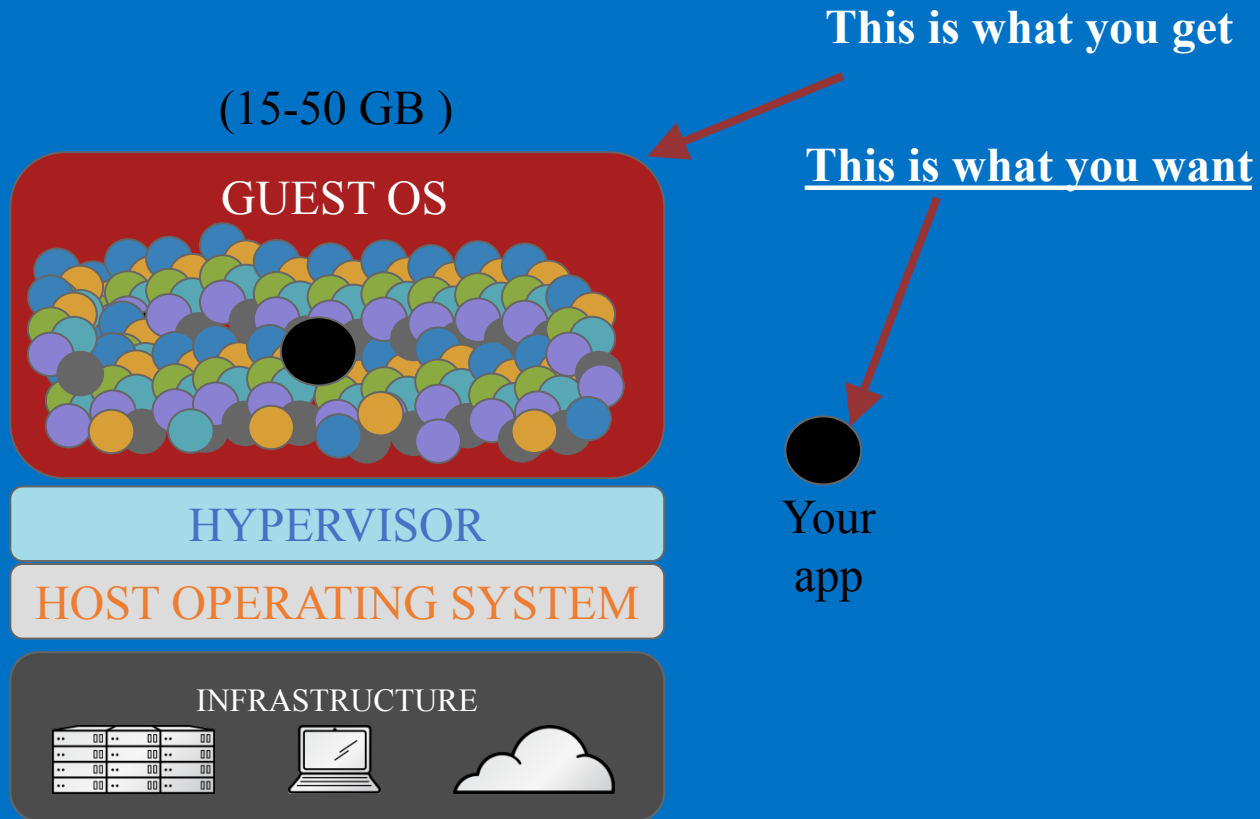
Starting this Thanksgiving I am going to write a complete
Unix-compatible software system called GNU (for Gnu's Not Unix), and
give it away free⁽¹⁾ to everyone who can use it.
Contributions of time, money, programs and equipment are greatly
needed.



Containers? OpenShift?!

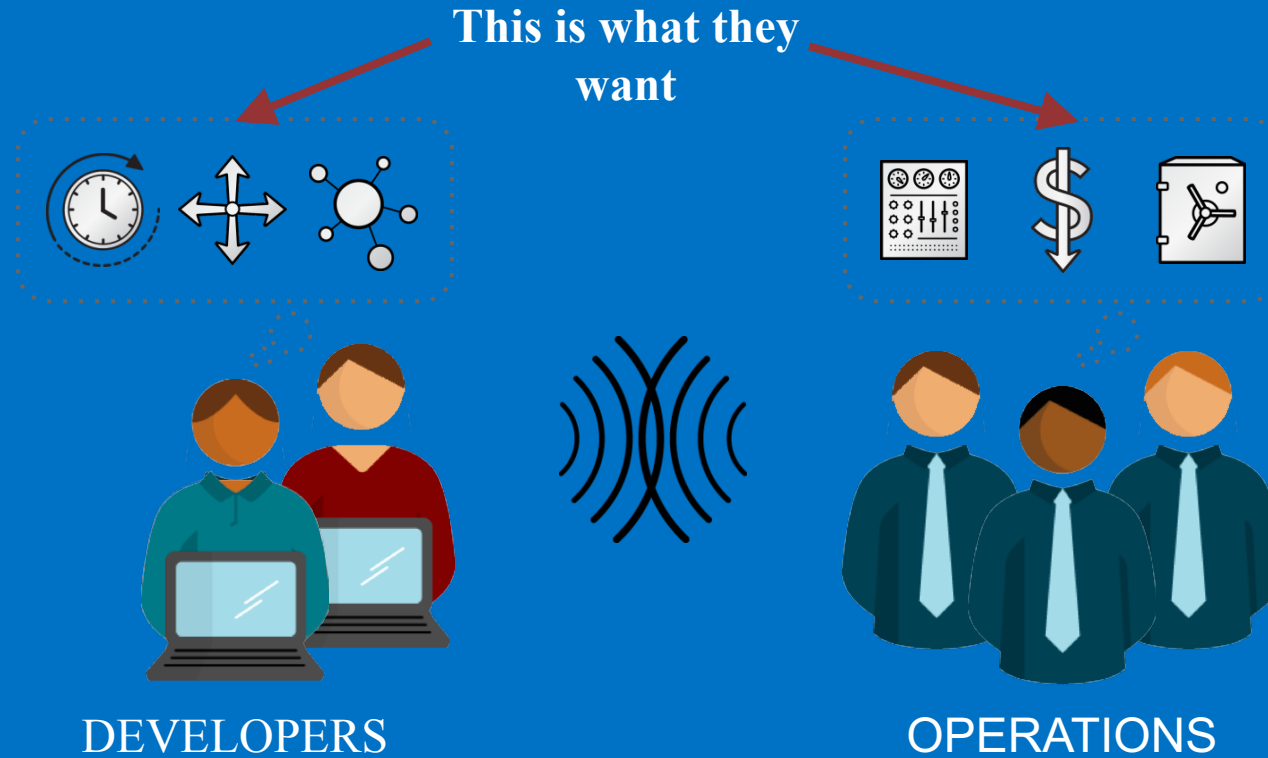


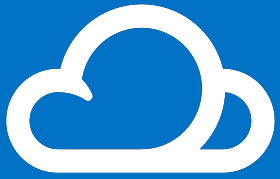
PROBLEMS





PROBLEMS





PROBLEMS

This is what you
need

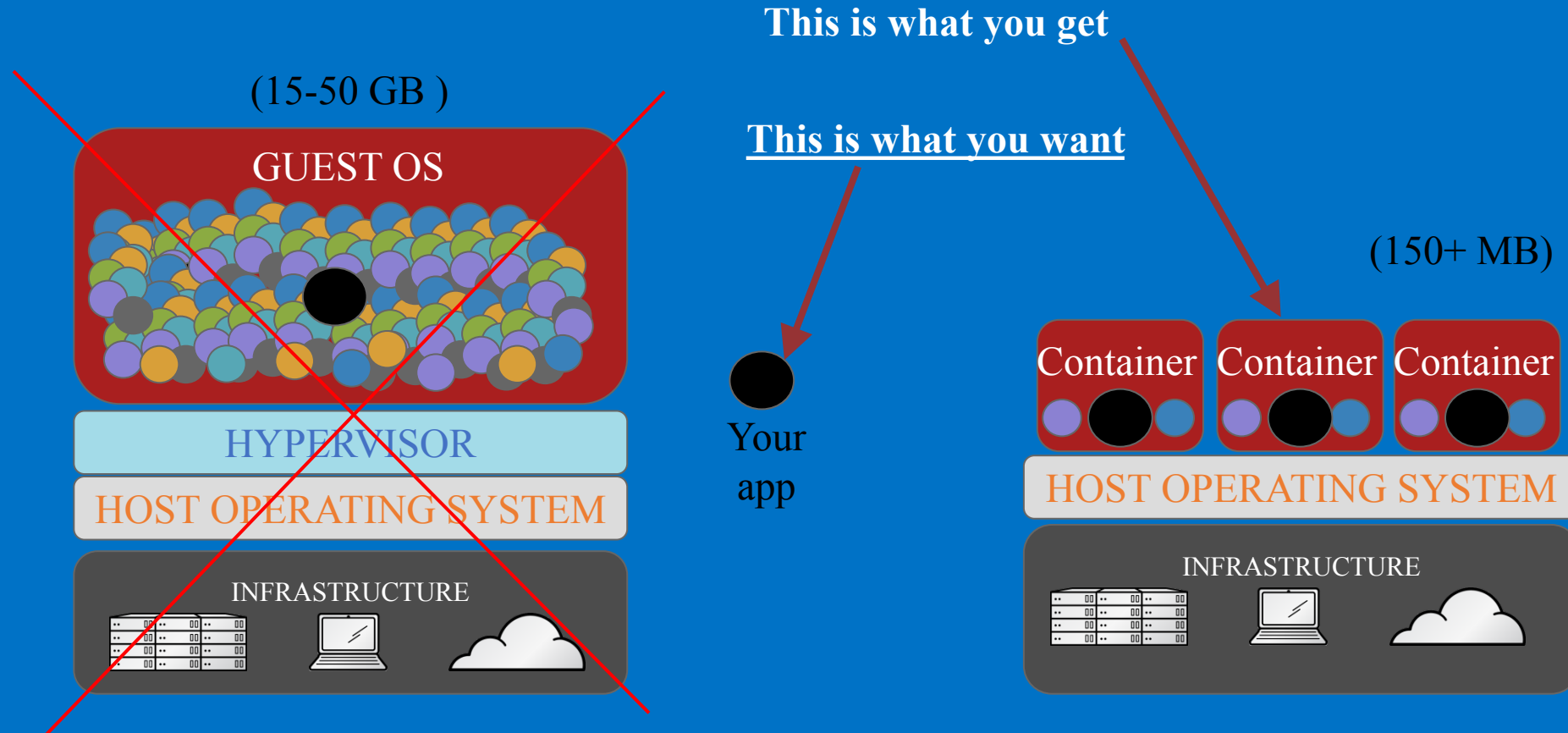


to



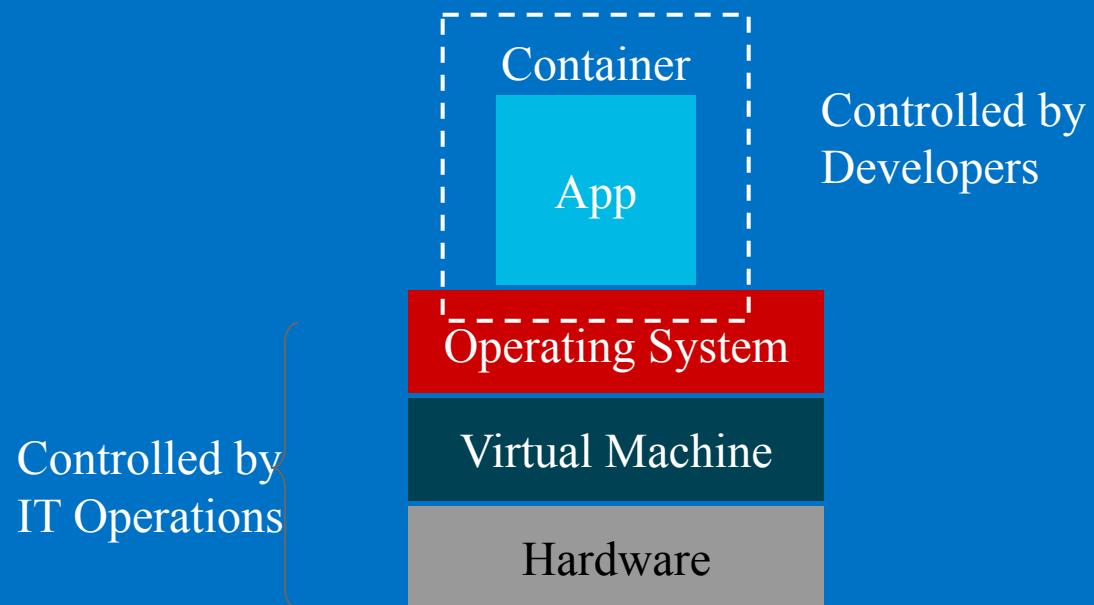


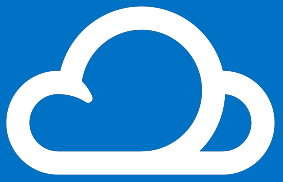
SOLUTION



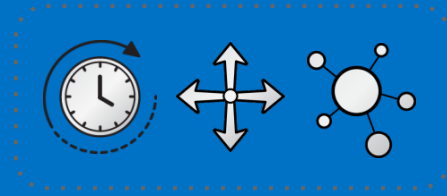


CLEAR BOUNDARIES

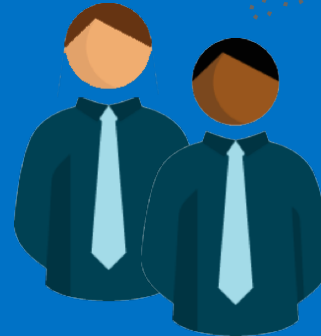
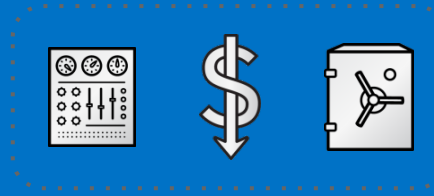
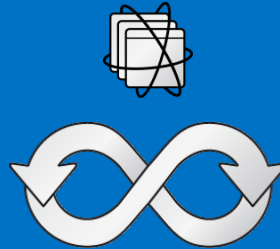




COMMON LANGUAGE



DEVELOPERS



OPERATIONS



BUT YOU NEED

Scheduling

Decide where to deploy containers

Security

Control who can do what

Lifecycle and health

Keep containers running despite failures

Scaling

Scale containers up and down

Discovery

Find other containers on the network

Persistence

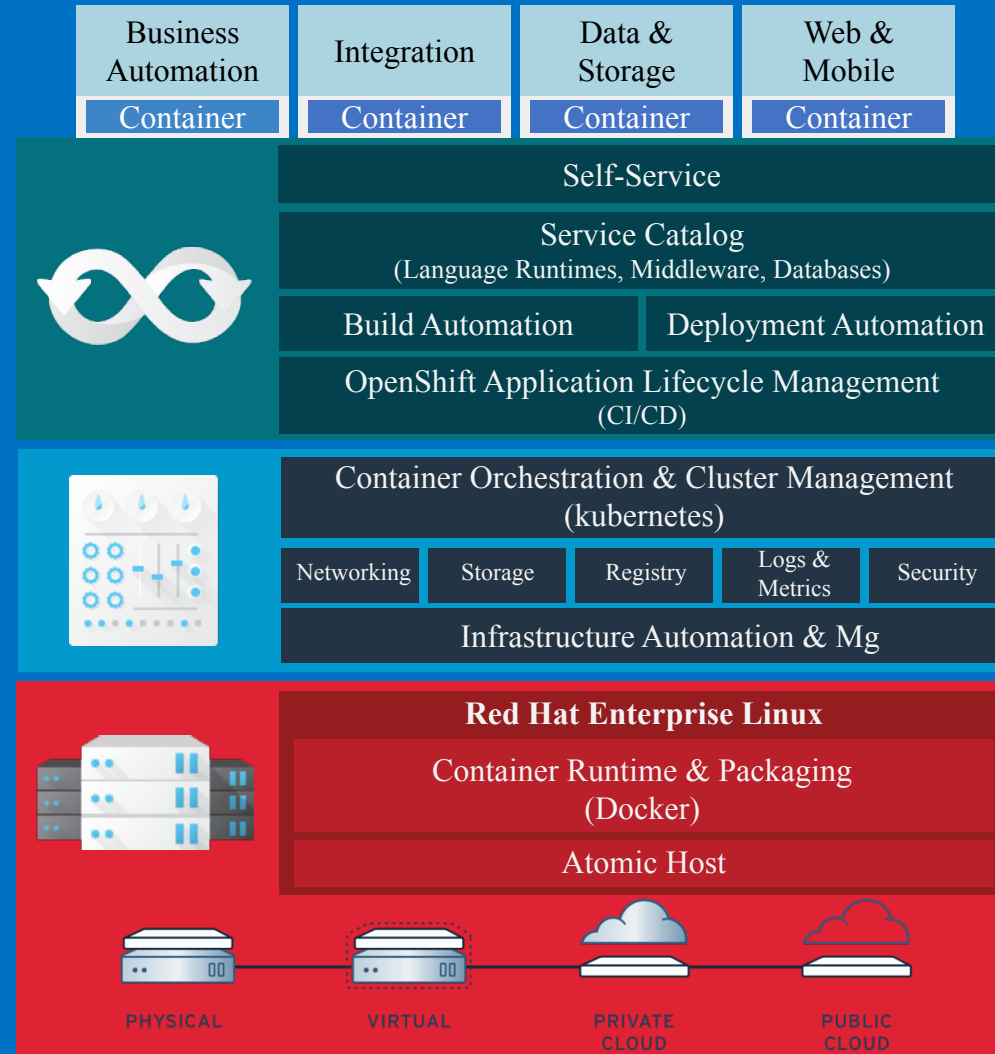
Survive data beyond container lifecycle

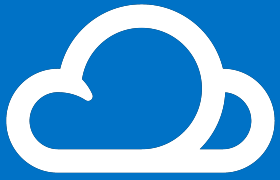
Monitoring

Visibility into running containers

Aggregation

Compose apps from multiple containers





The source code used in this session

CONTRIBUTE, PARTICIPATE, COLLABORATE
<http://github.com/mglantz/ocp36-azure-simple>



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