

OpenShift Cloud Balancer (OCB)

Crossvale



redhat.



Cloud Challenges



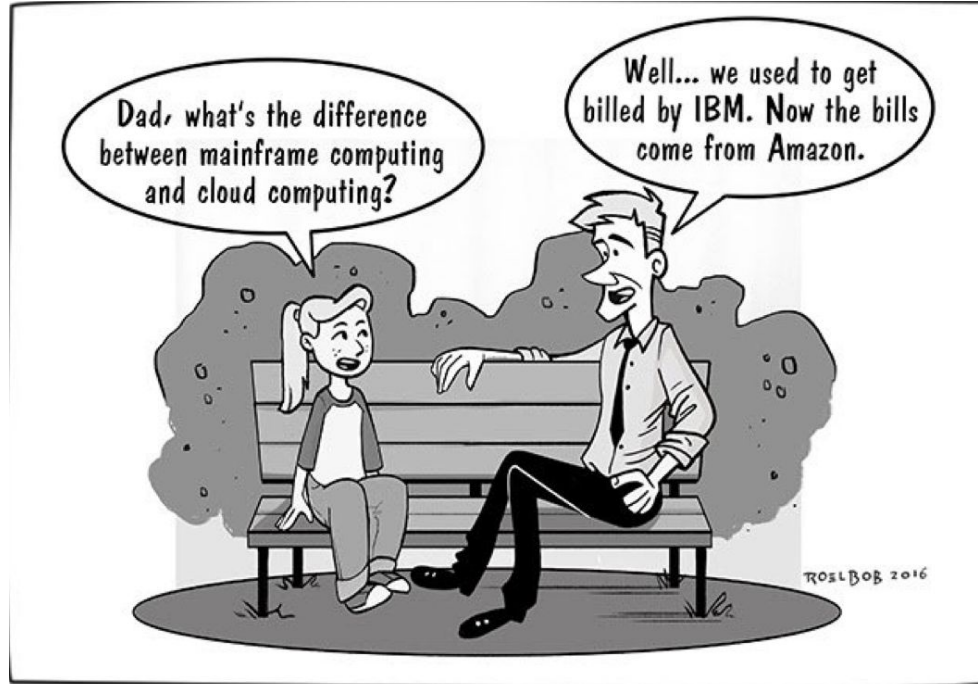
How do you **plan** for your cloud **infrastructure** to be the most cost **effective**?

As your workloads move into the cloud and **costs rise** can you **support** rapid **scale out**?

How do you **maximize** your **assets** and **burst** to the **cloud** when needed?

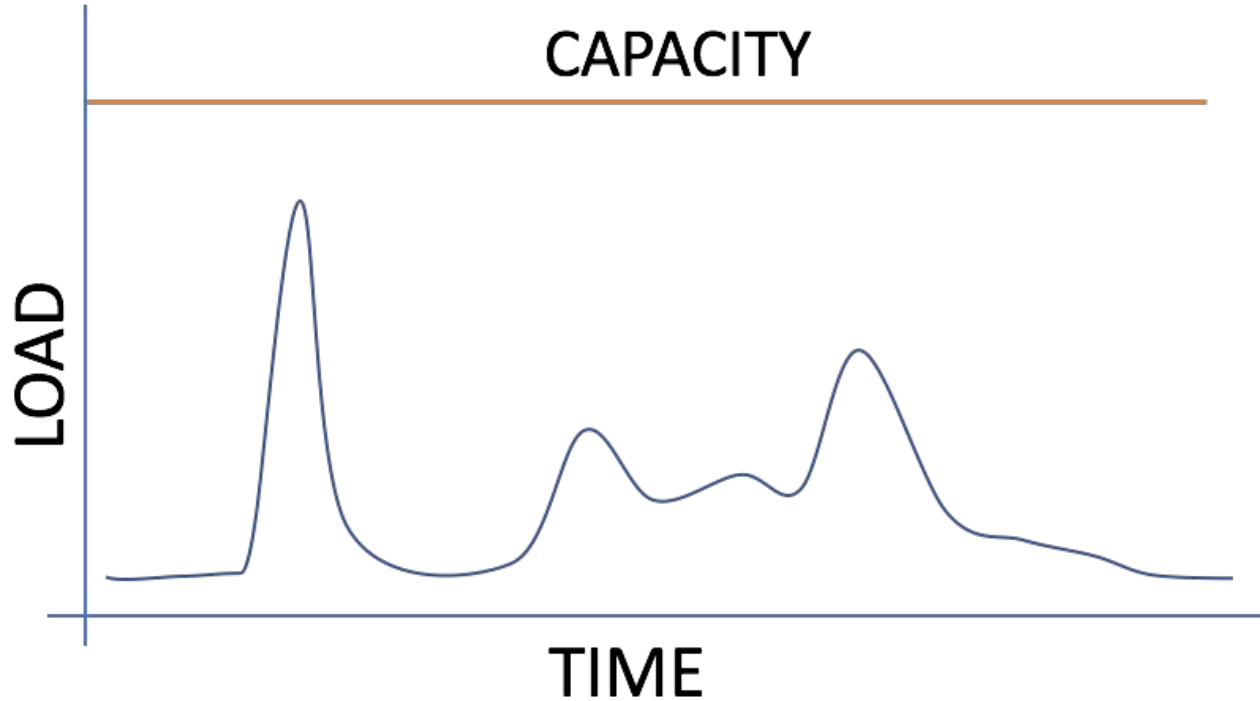
Cloud **outages** do happen. How do you leverage a **multi-cloud strategy** to ensure consistent delivery?

Are you doing it right?

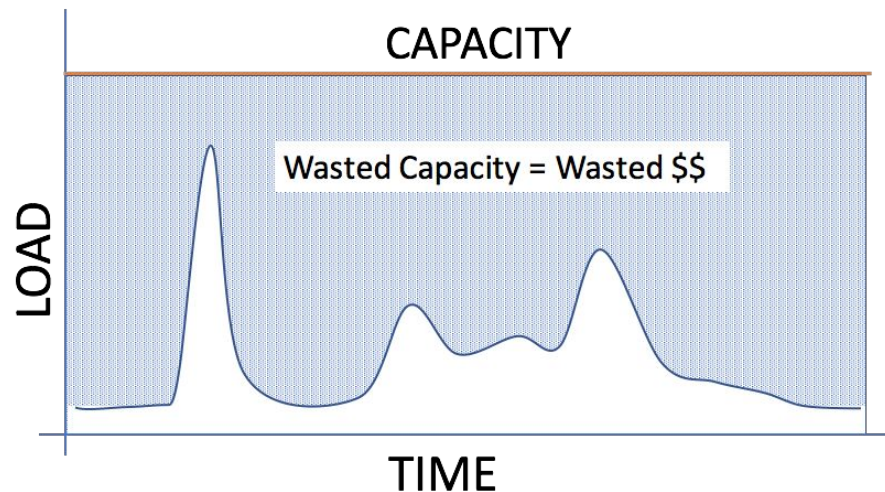
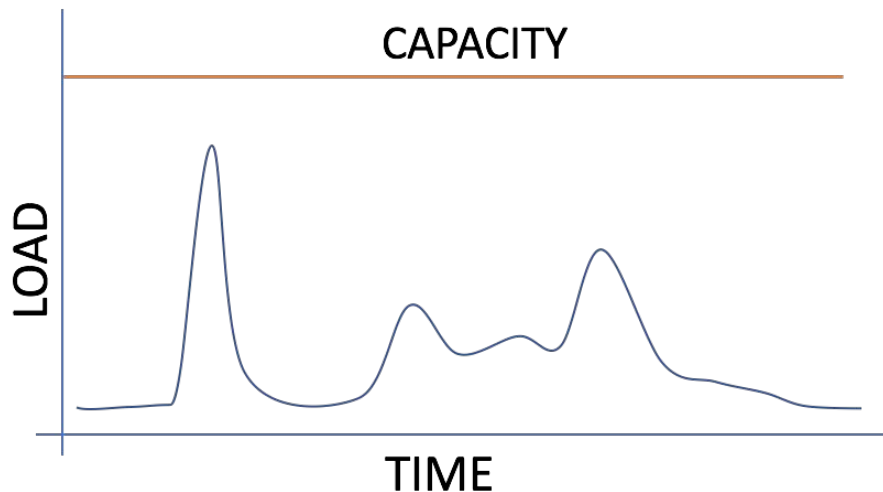


It's not AWS, it's you.

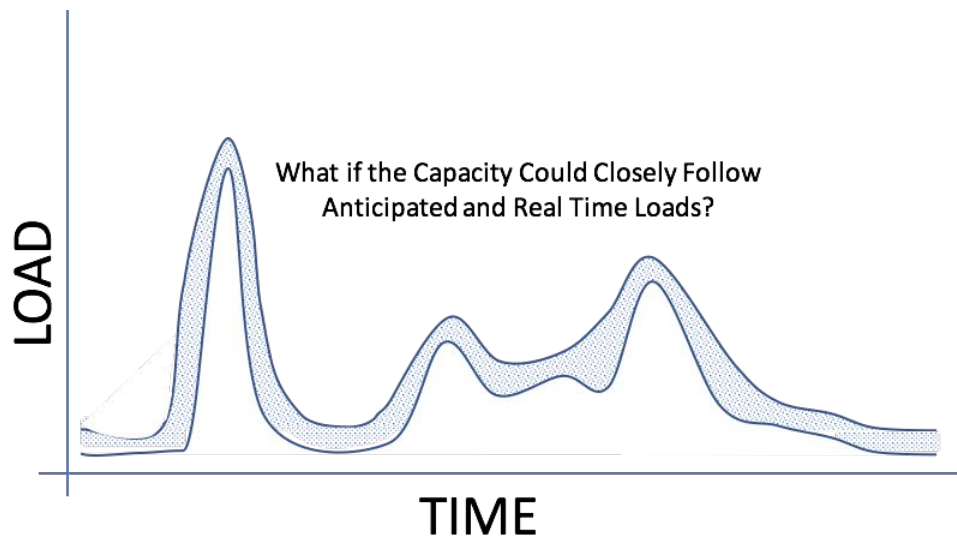
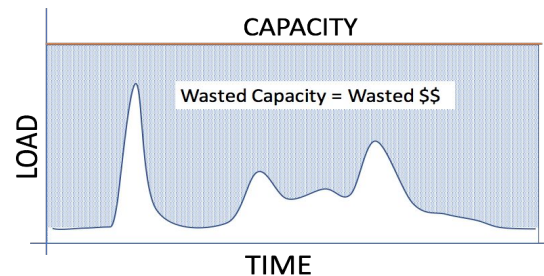
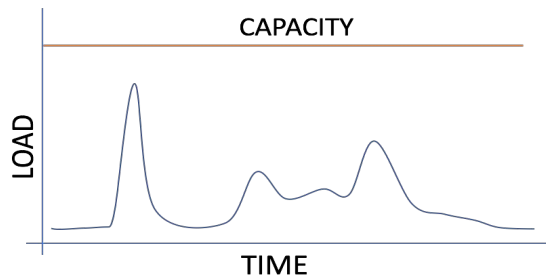
Traditional Planning



Traditional Planning



Variable Capacity



Now you can!!





Savings



Assuming **100** worker nodes running in AWS in c3.xlarge instances:

Scalability Savings: Assuming a conservative reduction of $\frac{1}{2}$

Without OCB: $\$0.24/\text{hr} \times 100 \text{ nodes} \times 8,760 \text{ hr/year} = \mathbf{\$210,240/\text{year}}$

OCB with rules: $\$0.24/\text{hr} \times 100 \text{ nodes} \times \frac{1}{2} \times 8,760 \text{ hr/year} = \mathbf{\$105,120/\text{year}}$

Spot Pricing Savings:

With OCB: $\$0.06/\text{hr} \times 100 \text{ nodes} \times \frac{1}{2} \times 8,760 \text{ hr/year} = \mathbf{\$26,280/\text{year}}$

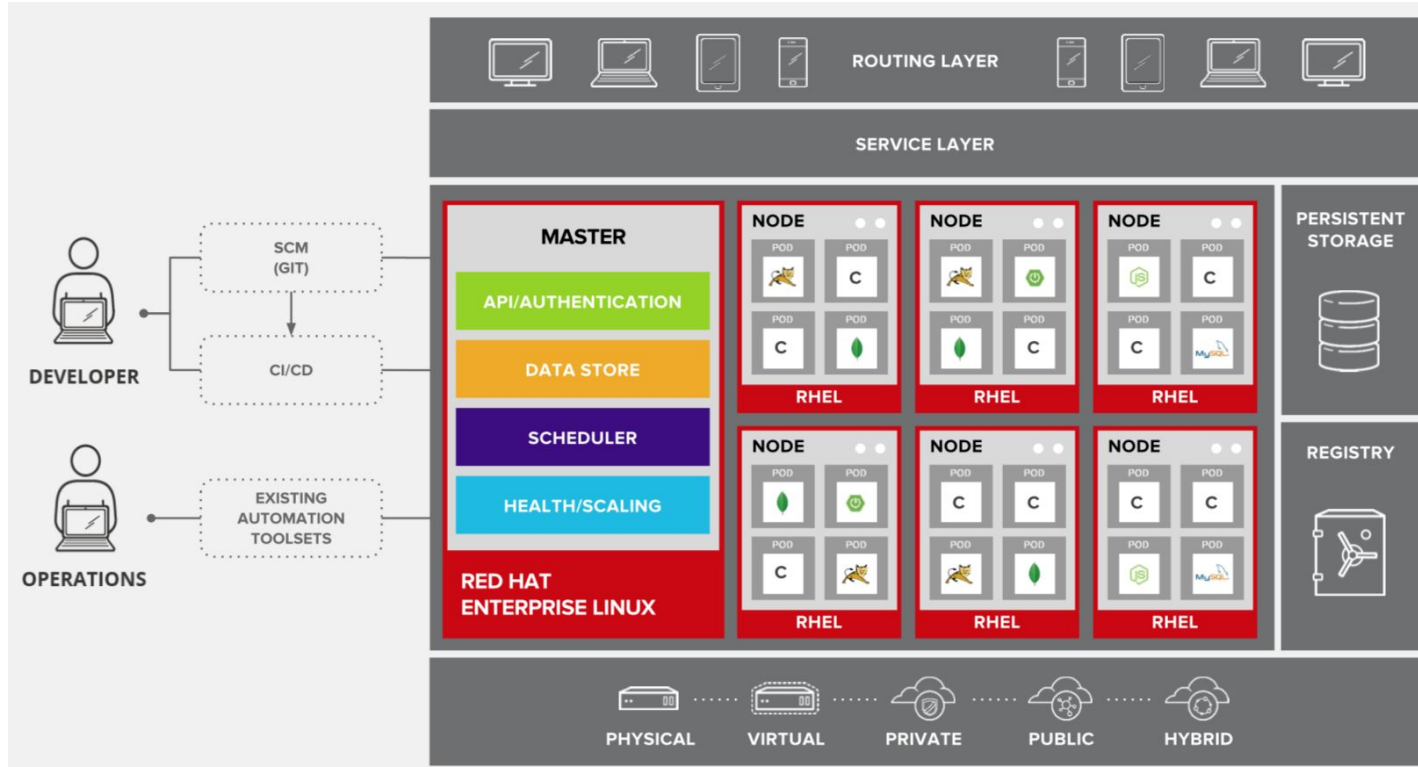
$\$210,240/\text{year} \rightarrow \mathbf{\$26,280/\text{year} - 87\% \text{ savings}}$

$\mathbf{\$183,960/\text{year} \text{ saved}}$

Demo

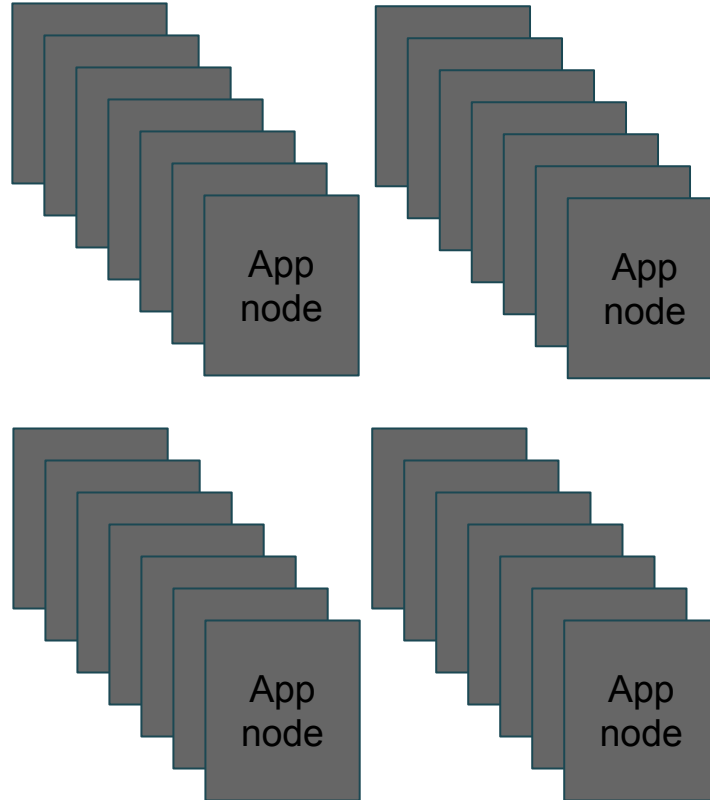
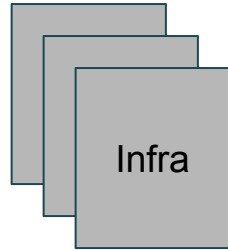
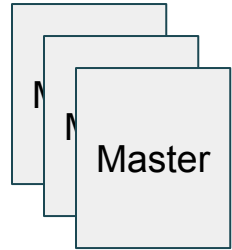


OpenShift Basics





OpenShift Standard App Nodes



Sales

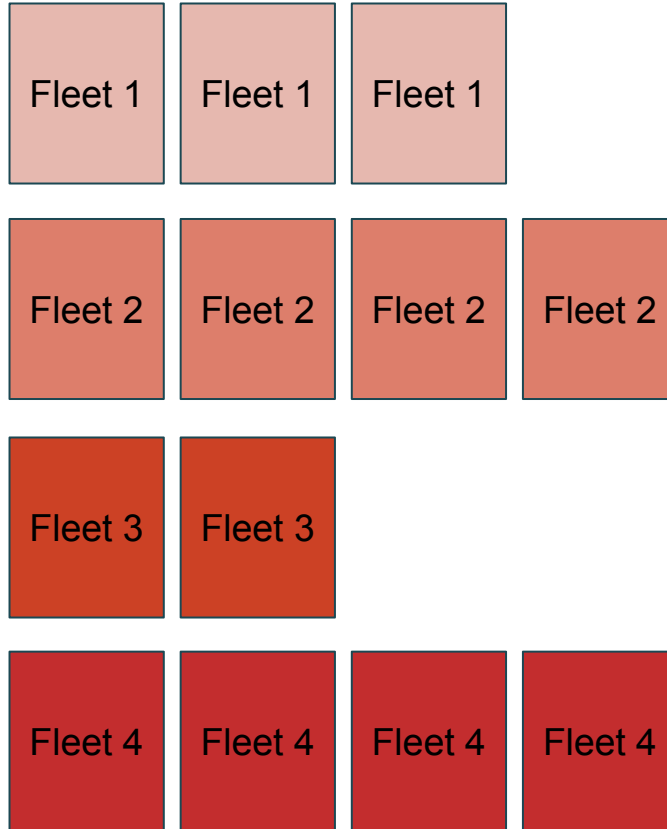
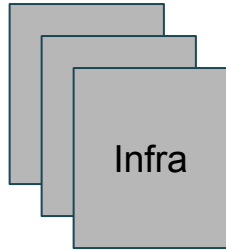
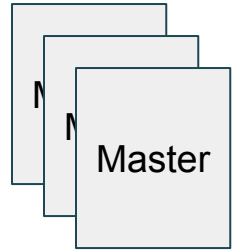
Online Apps

Invoicing

Employee Apps



Dedicated Fleets



Sales

Online Apps

Invoicing

Employee Apps



Flexible Rules



Scale Up/Down



When/Where
API

Rules
Engine

ANSIBLE

Cluster factors

- Schedule
- Memory
- CPU
- Network
- Number of Pods

Business factors

- Open Sessions in a service
- Number of transactions per second
- Size of Queue
- Number of tickets sold
- Number of calls at API level

External factors

- Price
- Weather
- Stock prices
- Traffic
- Security Systems





Exclusive Offer Today!



Take Action Today

Fill out a short form to register for this offer

<http://www.crossvale.com/OCB10K>

OpenShift CloudBalancer - \$10k for two months

No cluster limitations

No small print

**LIMITED
TIME OFFER**