



3 Steps to Running VMware Apps as-is on Oracle Cloud

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What is Oracle Cloud Infrastructure Ravello?

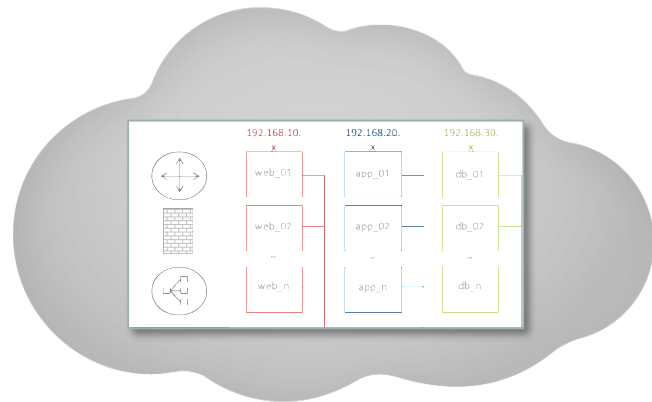
Enables running **VMware** workloads on public cloud

without **any changes**

Same VMs, networking & storage



Data Center

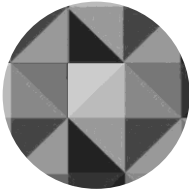


ORACLE® | **ravello**

No workload changes → Data-center to cloud in **hours** and **Not Months**

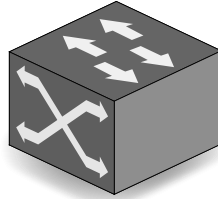
Challenges with moving VM workloads to the Cloud

*Public cloud is very **different** from data-center*



*VMware VMs **can't run** on most public cloud*

Re-platforming



*Layer 2 networking **not supported***

Re-networking



*Cloud network & security appliances **different from** data-center*

Re-configuration

Migration requires application re-writes, re-platforming, re-networking –
expensive & time consuming

Live-demo – 3 Steps to the Cloud

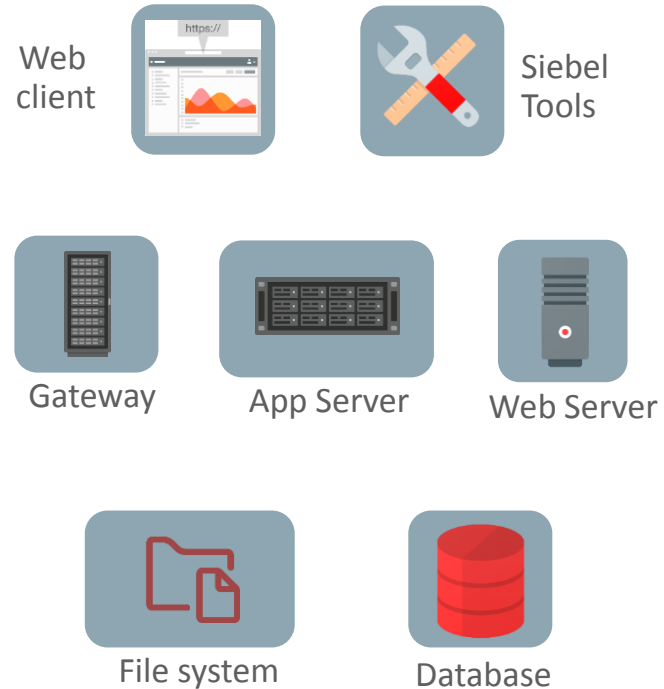


1. Upload your VMs (VMware or KVM)
2. Ravello auto-discovers the network {Edit if needed}
3. Deploy to public cloud

Spin up as many isolated copies as you need

Demo Setup - CRM on VMware ESXi

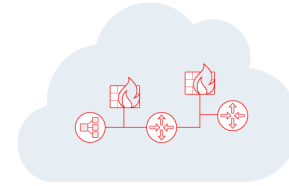
- Siebel Industry Applications
 - 7 VMs
- Main CRM Components:
 - Gateway Name Server
 - Application Server
 - Web Server
 - Web Client
 - Database



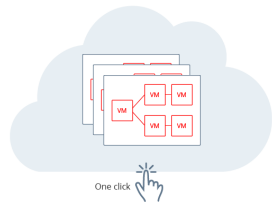
Capabilities that accelerate moving VMware apps to cloud



VMware app “as-is” –
cloud based app a high fidelity
replica of on premise



Datacenter-like Layer 2 networking – broadcast / multicast etc. works; same network configuration as on premise app

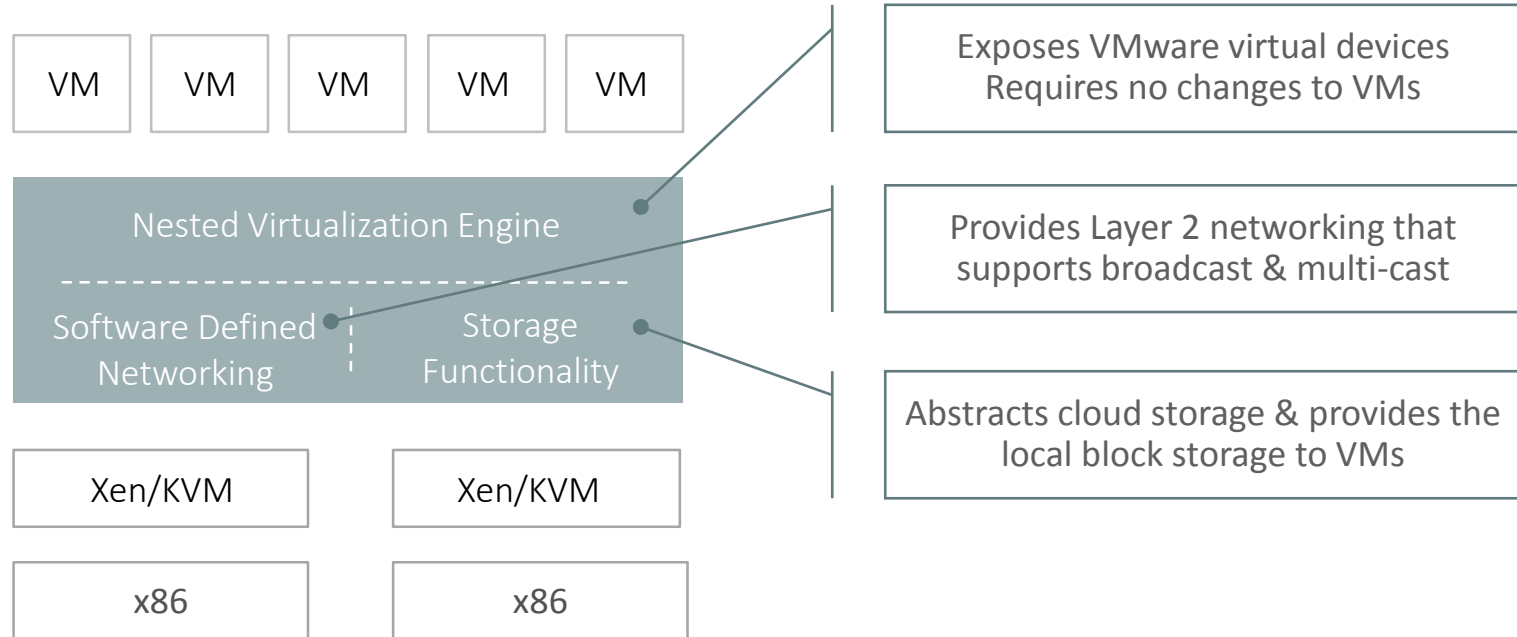


Blueprinting – no setup overhead with one click replica & move between cloud regions

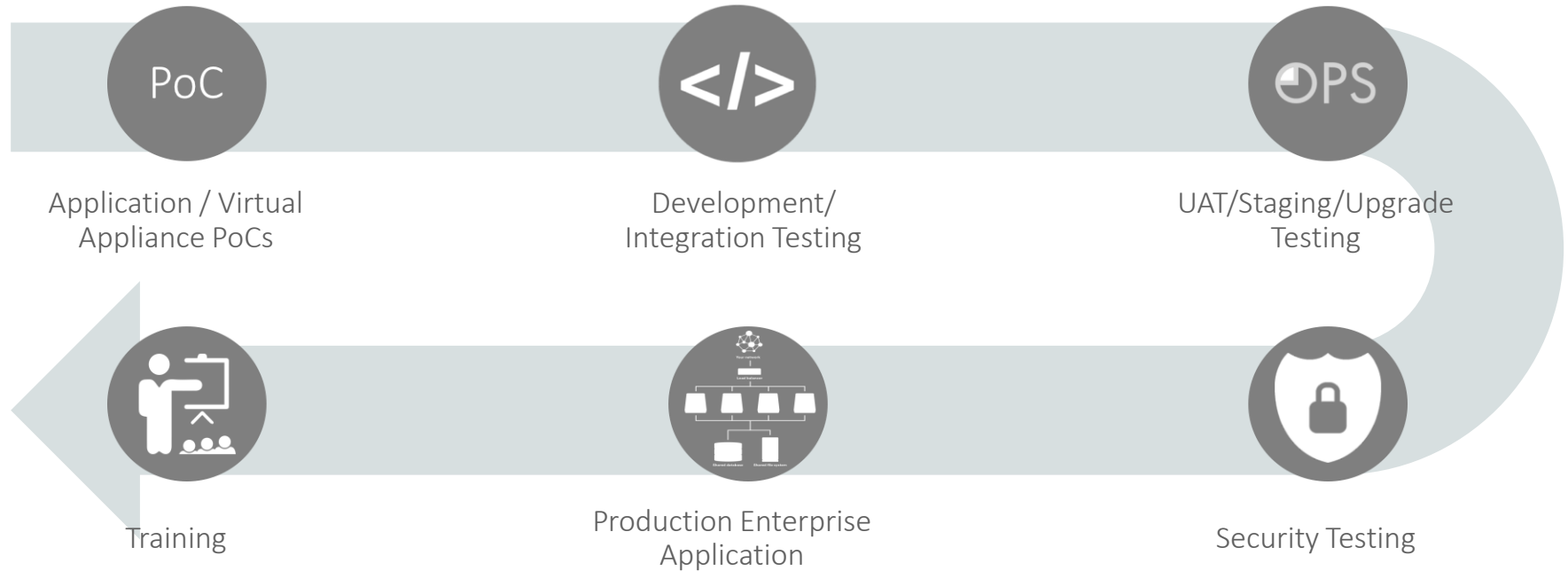


Geographical reach – run workloads across 25 regions around the world

Technology overview - HVX



Enables data-center capabilities on public cloud for every stage of enterprise application lifecycle

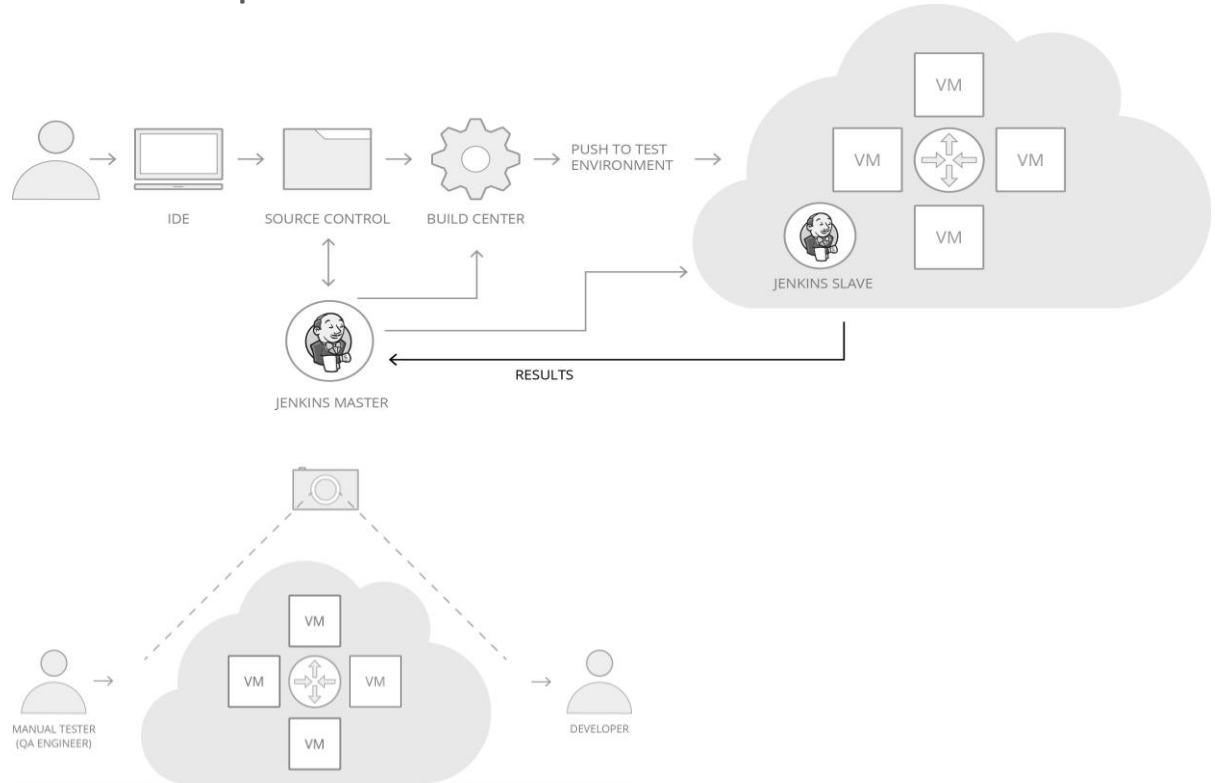


Accelerated product development with Ravello

Improve quality by running manual, automated, CI/CD tests on **customer representative** environments

Shorten QA through parallelized testing with **infinite 'data-center-like' environments** on cloud

Easily collaborate between Dev & QA through environment **snapshots** & state sharing



ironSource

World's leading platform for software discovery, distribution and delivery uses Oracle Ravello for automated testing and Windows client testing

Challenge

ironSource scaled its offerings across multiple Windows client versions.

To ensure extended test coverage, ironSource needed a scalable, automated solution to replace the old and very static test infrastructure.

Solution

With Ravello, ironSource created over 600 replicas of customer environments.

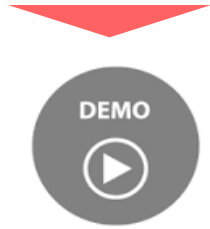
ironSource engineers check in code, use Jenkins to automatically create environments through the Ravello API for each OS version, run automated tests, report back to the QA reporting dashboard and shutdown environments once complete – saving costs

Result

- ✓ Compressed development-test cycles
- ✓ Quick scaling of QA automation infrastructure. <20 mins to automatically build environments
- ✓ Cost savings
- ✓ Improved software quality

Ravello as demo/PoC platform

Same VMware VMs
& networking



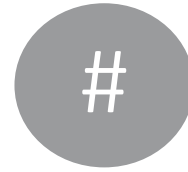
Realistic **repeatable**
demos

'Reference
architecture' as
blueprint



Showcase 'reference
architecture' with one
click

Scalable unlimited
capacity of cloud



Demo for every sales
opportunity **without**
resource contention

Deployment regions
around the world



Provide '**local user**
experience' for demos
around the globe

Reduced setup
overhead with
blueprint as starting
point



Springboard PoCs from
demos

Arista Networks

The world's leading switching company uses Oracle Ravello for sales demos and customer PoCs

Challenge

Arista's vEOS virtual appliance typically needs to run in a private data center – due to strong Layer 2 network needs.

Strong sales demand meant resource contention in DC for product demos. Further, customers had to VPN to this environment for their PoCs which was delayed due to unreliable network connectivity.

Solution

Arista created on-demand customer pre-production hands on labs for POCs through Ravello blueprint sharing features.

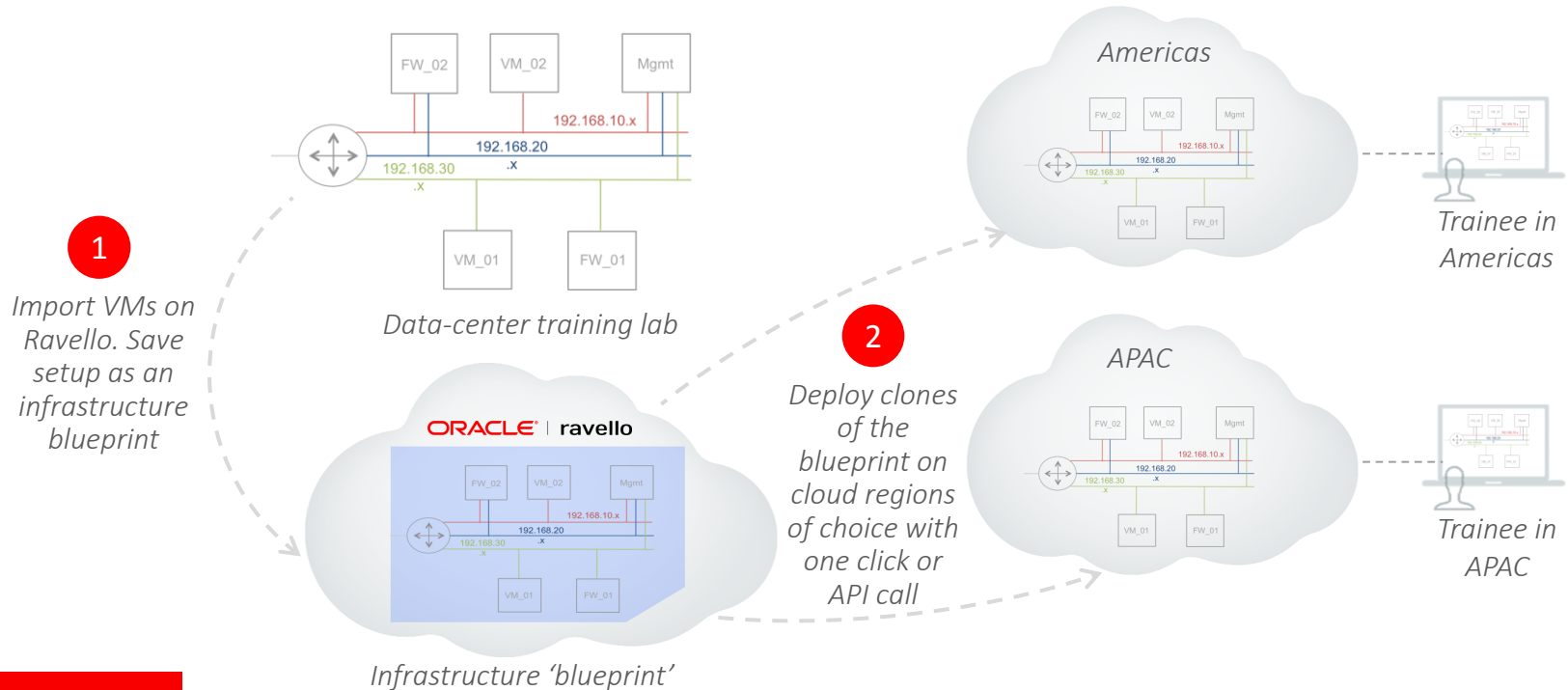
Complex full featured instances are deployed by Arista SEs streamlining the POC process. Customers can fully test the design of their network environments prior to rolling out Arista appliances to the production

Result

- ✓ Faster PoCs and shortened sales cycles
- ✓ Repeatable demos that showcase the rich vEOS feature-set
- ✓ Product demos without resource contention
- ✓ Local user-experience for customers around the globe during demos & PoCs

Training agility with local user-experience

Deploy & scale VMware based lab clones 'as-is' in different cloud regions on-demand



Red Hat



The world's leading open source software provider, Red Hat maintained a physical data center for delivering partner and end-user training.

Challenge

Red Hat always ran out of training capacity during new product announcements and rollouts.

Because they didn't have a global footprint, it meant a poor end-user experience for partners in international geographies.

The result of this was many untrained, or poorly trained, partners, which in turn resulted in lost revenue.

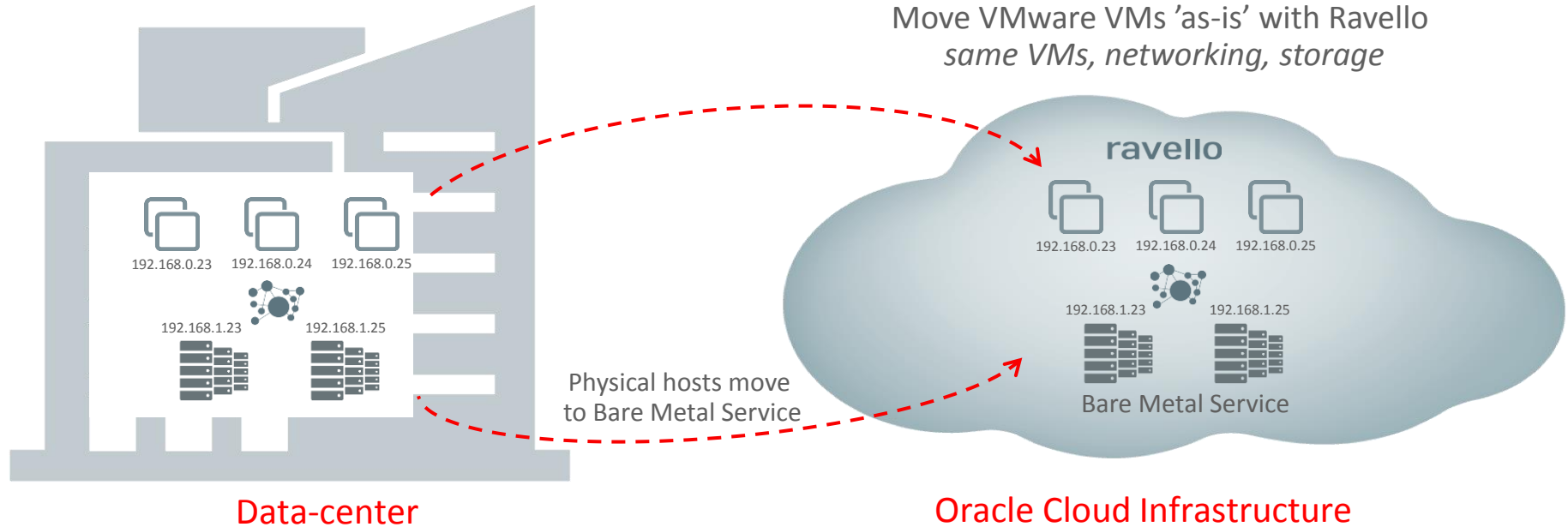
Solution

The Red Hat GPE team creates complex environments in Ravello once, and then saves a blueprint. Now every channel partner can spin up an environment anywhere in the world with the click of a button. This is used for channel partner training as well as customer demos

Result

- ✓ Achieved infinite elasticity to meet demand during training peaks
- ✓ Deployed workloads all around the world improving end user experience
- ✓ Substantial cost savings considering a 3 year TCO
- ✓ Ability to train more partners faster on new product releases

Easily move apps on VMware & physical hosts to cloud



Ravello brings agility and delivers savings

No 'migration' costs

Move to cloud "as-is" saving
time & costs



Business agility

No setup overhead
Rapid deployment through
infrastructure cloning



Cost savings

40-60% savings compared to
running on premise



cloud.oracle.com/Ravello