



Bare metal VMware vCenter lifecycle accelerates time to market for multi-national bank

10M+ USD

saved annually

16k

servers managed

15x

faster deployment

Our Customer

A multi-national bank providing financial products and services.

The Challenge

The bank needed to reliably and repeatedly deploy large numbers of VMware Cloud Foundation (VCF) clusters to support their global banking application requirements. The customer's operations and personnel were spread over multiple geographic sites. Additionally, any automated method had to tightly integrate with VCF management software, existing systems, and the VMware Hardware Compatibility List (HCL).

When deploying new server hardware they often spent 6 months on the datacenter floor before VCF clusters were deployed, wasting time and money. Another challenge was normalizing vendor differences in how the servers were purchased to enable reverse auctions. Since deploying thousands of servers in VCF clusters monthly requires an incredible amount of server infrastructure, being able to mix vendors created significant leverage in price negotiations.

The Solution

RackN Digital Rebar created a highly automated and repeatable VMware VCF deployment process. This accelerated time to deploy new servers for clusters from six months to sixty minutes.

Using Digital Rebar, the bank eliminated all manual steps from bare metal delivery to fully online. The solution saved weeks of onboarding effort for new

Challenges

- Manually preparing thousands of servers for VCF installation lacked feasibility
- Lack of multi-vendor supply chain
- New server hardware often spent 6 months on the datacenter floor

Solution

- RackN Digital Rebar out-of-the box VMware vCenter infrastructure pipeline

Results

- Financial: Millions saved by reusing 1 specification across all vendors
- Security: Automating security settings, reducing human touch and deep validation of the infrastructure
- Time to Market: 6 months to 60 minutes for fully operational clusters
- Agility: New clusters go into production on the first day

clusters and improved the overall quality.

After the initial setup, the customer gained a full lifecycle management of the hardware platform as well as their customization of vSphere ESXi. Now a full vCenter can be rebuilt and automatically “repaved” in under an hour.

The Results

The financial institution reported 10x wins in time, security/compliance and financial ROI. Repeatable automation eliminated human error, reduced operator efforts, and aligns with DevOps best practices.



RackN

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