

JD Edwards to Azure Migration

Deployment of 20 2019 Azure IaaS VMs and Testing of Canadian VPN Gateway

OVERVIEW

With over 40 years in helping organizations realize their technology goals, Oakwood values partnerships with clients that reach outside of tactical initiatives and, instead, focus on long-term strategic business goals.

Over the last several years, Oakwood has been a trusted partner with this particular client in a variety of initiatives that serve as building blocks for their long-term technology vision. This list of projects includes Power BI, InTune, MFA, SQL Upgrades, 365 Consulting & Best Practices, and many more.

During this engagement, the client sought out the Oakwood Cloud Team's assistance in deploying 20 Azure VMs for their JD Edwards environment.

SOLUTION

For a project such as this, the Oakwood Team would rely on their Delivery Excelleration Methodology to ensure a smooth transition. This framework consists of 4 unique phases – Identify, Design, Build, and Deploy.

During the identify phase of the project, Oakwood would determine the proper server sizing for the Azure IaaS build for the 20 servers while identifying the network requirements and IP scheme for the targeted Azure servers. They would also need to gather all system requirements for the JD Edwards/Oracle vendor for all applications.

Once the above had been identified, Oakwood began designing the logical and network resources required for VM deployment into the client's Canadian Resource Group.

The Team then began the deployment of 20 2019 Azure IaaS VMs into the resource group and tested and verified connectivity utilizing the currently deployed Canada VPN Gateway. All the VMs were then tested to ensure proper network routing and functionality. Before Oakwood could close out this project, they finally had to verify and test all VM OS functionality and access for vendor applications and conduct a hand-off to the client's internal JDE/Oracle Team for

SUMMARY

Business Challenge:

On-premises JD Edwards servers were both cumbersome to manage and nearing obsolescence. Internal client stakeholders would have to communicate the benefits of maintenance and scalability to help offset initial cost increases in moving to Azure.

Solution:

The Oakwood Team leaned on prior experiences and their proven 'Delivery Excelleration Methodology' approach to deliver a successful Azure migration.

Benefits:

Oakwood's client has made another valuable step in their Azure adoption journey and has realized improvements in security, reliability, and performance while reducing costs.

application install and testing.

FINAL THOUGHTS

As our client continues their company-wide adoption of Azure, this small (yet important step) has helped improve security, reliability, and performance – all while reducing costs.

The Oakwood Team is extremely proud of the work they've done for this client, and others, and being looked upon for a variety of projects as a trusted advisor. Oakwood doesn't look to replace the IT departments of organizations they work with but rather compliment their teams so they can focus on true business initiatives that keep their businesses moving forward.