aws

CASE STUDY

Webserver Application using Microsoft in AWS:

Ramaniyam Real Estates Pvt Ltd, Chennai

Executive summary

Established in 1986. One of Chennai's top real estate developers is Ramaniyam Real Estate which is renowned for its unwavering attention to detail and punctuality. Based on the client referral to host service using In4Velocity (ERP Software), Ramaniyam enquired about the Cloud Hosting Service from Uniware Partner. They intended us to host a service in AWS Environment, in On-premises environment they have old ERP solution which is not feasible for business productivity and development.

Challenges

> ### Challenge 1
> Ramaniyam uses a decades old on-premises traditional company that is in-compatible with the recent version of Windows Service Platform and is hosted on outdated sever without regular maintenance support from an IT Support and Dev Ops Engineer.

> ### Challenge 2
> Ramaniyam wants to outsource a partner for the IT Infrastructure maintenance as they don't have expertise to maintain and manage their own IT Assets and Business Application.

> ### Challenge 3
> Ramaniyam is doing business operations in two locations, they face technical problems both with Internet Service Provider by not providing proper maintenance for connectivity between two office location and End User frequently face problem with old version ERP server due to hardware issue, software license, patches and updates.

Why migrate Microsoft workloads to AWS?

AWS and Uniware Systems are aiding hundreds of SMB clients in realizing the benefits of running Microsoft workloads in a dependable and secure cloud environment. Uniware described the ease of using Microsoft Windows Service on AWS. Uniware delivers in-depth knowledge on Microsoft licensing as well operating and maintenance cost to help avoiding doing investment in IT Resource.

About Uniware Systems

Founded by technocrats in 1995. over 2,500 clients in all of India. cutting edge IT solutions for every economic area. well-known system integrator and solution supplier in Tamil Nadu and Kerala.

With thirty years of experience, an experienced sales and support team, and complex solution designs, Uniware can fulfill customer needs and provide high-end solutions at competitive pricing.

Uniware provides managed services, security, cloud infrastructure, and expert cloud consultancy to companies with forward-thinking business plans.

Uniware Systems helps clients get the most return on their cloud investment with more than 24 plus certified cloud professionals.

RAMANIYAM
...dreams accommodated...

Harshit Giri, Executive Director

"Uniware systems is our chosen partner for AWS as they work really well with our requirements. Full fill any service requirement and/or need in Time. Appreciate all the efforts taken by them to keep our business running smoothly."

Why Uniware Partner?

Uniware Systems signed AWS in 2016 and is now an Advanced Consulting Partner. Uniware has a great deal of experience migrating and modernizing infrastructure while maintaining security in accordance with legal requirements. Ramaniyam is aware that the goal will be achieved by using Uniware Partner to implement new ERP in AWS Cloud Environment. AWS services are well explained by Uniware, and connectivity between two locations (Branch 1 and Branch 2) using existing security appliance and End User Connection from Remote Area is informed to Cloud AWS. Uniware provided guidance on Microsoft licensing, and suitable license including MSSQL to purchase for connections. The forecast for the next three years in operational costing and resource costing is provided by Uniware which helps us save benefits to Ramaniyam Organization.

Solution

In order to move the ERP (Application Name: In4Velocity) to an Amazon Web Services (AWS) cloud instance, Uniware Systems used an EC2 running Windows with Microsoft SQL Server latest version. To expedite the migration, the Uniware team, the application vendor, and the customer decided to lift and shift the application.

Uniware Systems' team implemented the Remote Desktop Gateway integrated on a Windows EC2 instance with secured communication to reach Business Application. For ERP, the Uniware Systems configured SSL VPN Client individual End User Machine to have secured access to EC2.

Uniware Systems extended on-premises networks to the cloud by establishing secure connection from anywhere using Firewall Appliance located in Organization. On additional recommendation, Uniware Systems included AWS VPN Service as well to establish EC2 in case of Firewall Hardware Failure and network connectivity challenge. With EC2 Service, the bucket S3 and Cloud Alarm service is enabled for the VPC Logs and to have backup of Database connected to ERP and Business Application.

Result

Ramaniyam has successfully transitioned to the AWS cloud and has become a newborn customer to AWS. Uniware helped Ramaniyam modernize its Infrastructure and increase the performance of Business application to ensure seamless operations.

Do You Know That?

"A recent report conducted by the Enterprise Strategy Group (ESG) shows that on average customers can save 77% on Windows Server and 45% on SQL Server licensing cost. The Optimization and Licensing Assessment will enable you to model your deployment options using your existing licensing entitlements and reduce overall costs at an average of 36% in the process."

Software and Cloud Service Installed

AWS Service: Compute EC2, Simple Storage Service, AWS VPN Gateway, Snapshot Service (Weekly), CloudTrail, AWS Cloud Watch and a few more.

Software And Application: Primary ERP Building Software – In4Velocity, Business Application – Office 2013.

Operating System and Database: Windows Server 2022 along with Report SERVER, WINDOWS IIS 7, .Net Framework, ASP. Net Component, Ajax, Java Runtime Library, FTP Service, Database – MSSQL 2019 and MSSQL Collation,

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About Uniware

Uniware Systems modernizes IT infrastructure, guarantees backup, security, and scalability across public, private, and hybrid clouds, and assists multinational corporations in launching and growing their digital business models on the cloud. The biggest businesses in the world rely on Uniware Systems to implement our enterprise technology stack to achieve new heights of performance, competitiveness, and customer experiences since we have been driving innovation for decades. Visit www.uniware.net to find out more about Uniware Systems, our emphasis on fostering technical proficiency and client success.

Uniware Systems Pvt Ltd.,

#1178-D, 58th Street, TVS Colony, Anna nagar West Extension, Chennai – 600101.

www.uniware.net | yogeswaran@uniware.net | +91-7358783739