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NetEnrich Azure Migration Services

Introduction:

Today, enterprises are increasingly looking to embrace cloud to drive agility, high availability, reliability and low cost of ownership in IT. Migrating from existing data centers and hosting providers is difficult due to the lack of technical resources, clear risk analysis, complexity of the migration process and low visibility into application performance during the move to the cloud.

Challenges:

COST - Unclear about the cost effectiveness gained by continuing with the existing data center versus moving to Azure. Hard to evaluate and assess the cost and time needed to migrate to Azure and don't have a good idea of the total cost of ownership after moving to Azure.

EXPERTISE - Don't have a clear roadmap for migrating to Azure. Have limited in-house expertise and tools to first migrate, and then optimize and manage the Azure environment.

COMPLEXITY - Have a complex environment with hundreds of apps on physical servers and VMs. Don't know which apps to move first, which to move next, which to migrate to IaaS and which ones require refactoring to PaaS.

NetEnrich Azure Migration Services:

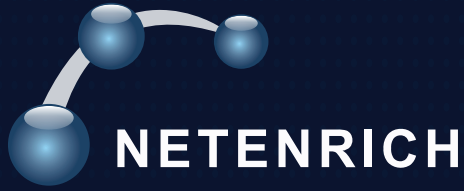
NetEnrich provides application modernization services to build cloud native apps on Azure, using Azure Service Fabric, Azure Application Service, Azure Service Bus, Azure Event Hubs, Azure Functions, Azure API Management, Azure SQL Database, Azure Storage, Azure Logic Apps, Azure Cosmos DB and Azure App Insights. These services are Microsoft managed ensuring availability and scale.

Universal Hospital Services, Inc. (UHS) is one of the largest provider of clinical equipment services for healthcare facilities and an American Fortune 500 company, which has been serving the healthcare industry for more than 70 years. They modernized their legacy data center infrastructure using NetEnrich's Azure services, to save 35% on data center costs, improve application performance by 20% and reduce recovery time.

Azure Migration Services Stack:

MIGRATION ASSESSMENT: NetEnrich Azure Migration Assessment services provide the crucial guidance you need before the start of your journey. We help you set your migration priorities based on the business objectives that you would like to achieve. Using the discovery, mapping, evaluation stages, we help create a cloud migration plan.

DATACENTER TRANSFORMATION: NetEnrich's services for Datacenter Transformation with Azure set the pace for a quick, secure and smooth journey to the cloud. The expertise gained from hundreds of successful datacenter migrations translates into an organized approach using industry best practices, tools and technology. Using the "lift-and-shift" approach you gain a simplified and swift migration process that saves you time and money.



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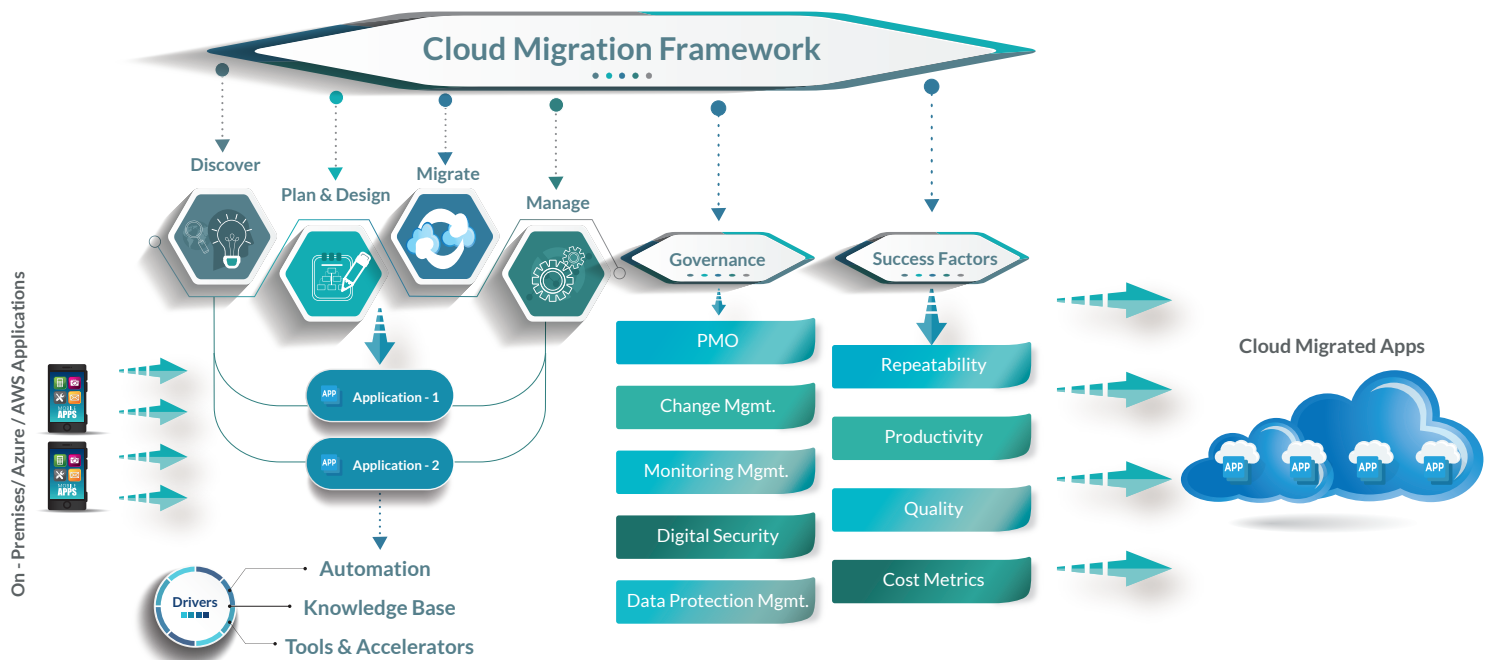
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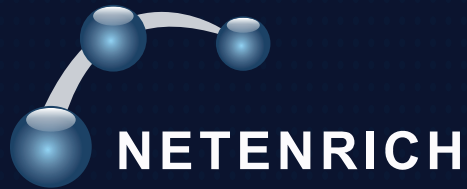
INFRASTRUCTURE MIGRATION: NetEnrich's services for IaaS Migration to Azure enables you to choose best practice methodologies for assessing the infrastructure and applications, planning and designing the migration, and implementing a consolidated, flexible, and resilient server environment. Business applications will be migrated to Azure in the easiest way possible with minimal down time.

WORKLOAD MIGRATION: NetEnrich Workload Migration services can assist you with the migration of your workloads from any source, without having to worry about the risk of downtime or costs. We utilize efficient tools and automation to simplify the process and help you swiftly realize the value from Azure. You can reduce server downtime while enabling a secure transfer of workloads, either in groups or one at a time. Our single-pane-of-glass dashboard allows you to closely monitor your cloud journey.

APPLICATION MIGRATION: You can choose to either refactor or rearchitect your existing applications before migrating to the cloud. If you need to use the existing code then refactoring is ideal as your application can be easily repackaged to work in the cloud with minimal changes to the application code. Alternately, if need a revision to incorporate new capabilities and optimize the application architecture for cloud then rearchitecting is the right choice.

Azure Migration Lifecycle:





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DISCOVER: The Discovery phase focuses mainly on understanding the current workloads, their dependencies, capacity consideration, performance analysis, right sizing planning and the identification of move groups. Our cloud experts:

- Use cloud-native tools to collect resource inventory and resource performance data
- Map on-premises elements to appropriate cloud resources

PLAN: The Planning phase identifies the right set of tools for the actual migration, and includes network topology planning, data migration planning and storage planning on cloud.

- Create target solution architecture
- Identify components to refactor, retire and use cloud-native services
- Design cloud network and storage plan

MIGRATE: The Migration phase implements the actual migration of data and relevant systems along with IAM, VDI, security, policies configuration and compliance. The Migration is completed in phases depending on the move groups identified during the discovery phase.

- Migrate VMs with minimal or no downtime according to the migration schedule
- Handle Dev/Test environments meticulously to provision and setup
- Use cloud-native tools to setup auto-scale policies and other enterprise governance

ON-BOARD TO MANAGE: In this phase, the resources are set up on OpsRamp, our monitoring and management platform, and cloud-native tools such as OMS. We analyze the performance of the migrated applications on Azure and perform initial performance tuning, storage account alterations, user accessibility, etc.

- On-board resources to our monitoring and management platforms
- Develop any new monitoring templates
- Create any new remediation Runbooks

ABOUT NETENRICH

NetEnrich provides remote, industrialized IT Operations Services for Enterprise IT infrastructure. NetEnrich is a strategic partner with Microsoft on Azure, and its comprehensive range of packaged solutions for cloud -- Azure, AWS, Google Cloud, and OpenStack -- enable enterprises to future-proof their IT and focus on innovation and business growth. Its industrialized and remote IT operations services for cloud, datacenter, and cyber-security are powered by automation and an advanced, next-gen platform, to monitor and manage IT infrastructure and operations across on-premise and cloud. NetEnrich is headquartered in Silicon Valley, California, USA and has 10+ distributors, 100+ partners, more than 1,000 clients, and six offices across the world. It has over 500 employees with competency in various advanced technologies and processes.

To know more visit www.netenrich.com.