



## Enterprise Software / Legacy Migration to Azure Cloud: **Consultancy and Assessment**

[zone24x7.com](http://zone24x7.com)

**Duration:** \*4 weeks

**USD 18k**

### **Overview**

An increasing number of organizations expect to move on from obsolete and inefficient legacy infrastructures to cloud computing to achieve two main goals, **agility, and flexibility**. Both of these are paramount in achieving customer expectations and keeping up with volatile market demands. With the increasing demands numerous companies are looking out to making at least a partial migration to the cloud. As this is a huge paradigm shift to any organization, it is vital to assess the entire cloud migration journey and understand each task which will be implemented during all steps. Regardless of the size of your business, you will require assistance to ensure that your cloud migration journey is efficient, trouble free and successful.

Zone24x7's Cloud Migration Service is a carefully articulated step by step process which will be customized to accommodate a smooth transition for your organization.

We follow Microsoft's recommended 3 step process: **Assess -> Migrate -> Optimize** to help your organization to move your on-premise application infrastructure to Azure cloud.

### **Step 01: Assess**

The most important part of this step is understanding the organization's expected business value to be gained by moving to Cloud. Your organization's legacy system and code, tools, and business processes will be carefully reviewed to understand the scope and to determine which parts will benefit from a cloud migration. Determining this is truly crucial to ensure successful migration.

### **Step 02: Migrate**

Depending on our findings in Step 01, we will select the most suitable Azure migration strategy for your organization out of the four approaches that are recommended. Once we have decided on an approach, we will identify the tools and technologies that will enable successful migration. Migration will be initiated with a POC (Proof Of Concept) of a few selected applications which are easier to migrate but will also have a higher business value. Gradually, we will continue with more advanced and challenging to migrate applications.

### Step 03: Optimize

Completing Step 02 is not the end of your migration journey. Even after your applications are successfully deployed on the cloud, it should be continuously monitored to identify any areas of improvements that can lead towards improved application performance.

#### Scope

The scope of this estimation is limited to analyzing the existing on-premise software architecture and deployment architecture, then preparing a migration plan to move the existing applications, services, data and user roles to Azure cloud. The task will produce a set of documentations to assist and guide in the process of actual system migration.

#### Action Plan

Week 01:

- Study the existing architecture documents and diagrams to gauge an understanding of the software architecture, deployment constraints and infrastructure requirements.
- Discuss and understand the customer's goals for the growth of their products and services for the next 3 years to fine-tune the migration strategy.

Week 02:

- Use a cloud migration assessment tool to compile an inventory of the types of physical and virtual servers in the current on-premises environment.
- Map the servers to the on-premise applications and select the best migration strategy for each application.

Week 03:

- Decide on the best migration approach from Rehost, Refactor, Re-Architect and Rebuild.
- Plan for using Azure security and management resources to govern, secure, and monitor your cloud applications in Azure

Week 04:

- Calculate the ROI for the next 3 years (based on assumptions for growth).
- Document the cloud migration strategy, constraints, assumptions and recommendations.

#### Deliverables

- Migration timeline
- Technical specifications (which Azure services will be utilized)
- Cost prediction based on the current average usage, resource consumption data and predicted Azure services usage
- Migration strategy
- Cut-over strategy and checklist
- System testing checklist
- Definition of user roles and their responsibilities (cloud team)

*\*Conditions apply. If beyond the scope mentioned, reassessment of time will be done.*