

## Open-Source Web App Modernization Assessment

In this 3-week assessment, Insight technical experts will work with the client to develop a process to migrate existing OSS applications to Azure by delivering a formalized migration plan.

### What to expect...

### **CLIENT PREP** before assessment begins

- Identify SMEs with detailed knowledge of application architectures, hardware/software dependencies, system dependencies, security, etc.
- Collect available architecture diagrams and documentation
- Prepare access to development environments, source code, & CI/CD pipelines, if available

### **PROJECT KICKOFF** 1 day

- Introductions & process overview
- Initiation call with project sponsor and participants
- Distribute application architecture questionnaire

### **ASSESSMENT** 12 days

- Identify existing OSS applications (MEAN or LAMP stack) and review portfolio
- Review business strategy & application questionnaires
- Application owner interviews & migration workshops
- Code review & static code analysis

### **MIGRATION PLAN REVIEW** 2 days

Review recommendations and present migration plan roadmap





# Example Migration Plan

The assessment delivers a roadmap that gives the client confidence in moving forward with the implementation of their migration strategy.

### Architecture Refinement

- Design landing zone
- Define site-tocloud connectivity
- Networking, Ingress, Egress

### DevOps

- AZDO Project
- Terraform
- Pipeline Creation
- Artifact Repo(s)

### Application Refactor

- Externalize configuration
- REST endpoints
- · Health Checks

#### Containerize

- Dockerfile
- Kustomize

### Deploy

- Azure App Service
- Azure Container Instance
- AKS

