

# BrainScale App Modernization Approach

Analyze	Prepare	Migrate	Monitor
<ul style="list-style-type: none"><li>Applications Identified</li><li>Architecture/Design Session</li><li>Platform analysis for ability to host on Azure PaaS</li><li>Cost estimates for Azure deployment</li><li>Readiness for DevOps</li><li>Cloud Reference Architecture for Modern Application</li><li>Application dependencies</li><li>Application inventory</li></ul>	<ul style="list-style-type: none"><li>Create the Terraform/ARM templates to deploy Cloud resources</li><li>Setup build release pipelines</li><li>Create different environments for the app</li><li>Setup IAM, Security</li><li>Tagging for billing and governance</li><li>Other Azure related configuration details.</li><li>Load balancing considerations for global and local availability requirements.</li></ul>	<ul style="list-style-type: none"><li>Run CI/CD pipelines</li><li>Migrate Databases (preferably to Azure Managed Database layer)</li><li>Use BrainScale Migration factory for containers for app/web layer as needed.</li><li>Testing and cutover</li></ul>	<ul style="list-style-type: none"><li>Configure AppInsights for application log aggregation</li><li>Configure log analytics for Infrastructure metrics collection</li><li>Setup Azure Dashboards for monitoring and alerting.</li></ul>