**DevOps Test**

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| **Microsoft Azure Estimate** | | |  |  |  |
| **Your Estimate** | | |  |  |  |
| **Service type** | **Custom name** | **Region** | **Description** | **Estimated Cost** |  |
| Azure Database for MariaDB | MySql Instance | East US | Memory Optimized Tier, 1 Gen 5 (4 vCore) x 730 Hours, 80 GB Storage, 50 GB Additional Backup storage - LRS redundancy | $179,53 |  |
| Virtual Machines | Java Server | West US | 1 A3 (4 vCPU(s), 7 GB RAM) x 730 Hours; Linux – CentOS; Pay as you go; 1 managed OS disks – S10, 100,000 transaction units | $217,09 |  |
| Azure DevOps | Acme DevOps Continuos Integration |  | Users: 4 Azure DevOps user(s), 0 Stakeholder(s), 0 Visual Studio subscriber(s), Extensions: 0 Test Plans user(s), 0 Artifacts user(s), Additional Services: 0 hosted + 0 private pipeline(s), 0 VUM(s) | $0,00 |  |
| Container Instances | PHP Container | East US | 2 Container group(s) x 300 Second(s), Linux OS, 14 GB Memory, 4 vCPU(s) | $0,06 |  |
| Virtual Machines | Orchestator | West US | 1 D2 v3 (2 vCPU(s), 8 GB RAM) x 730 Hours; Linux – CentOS; Pay as you go; 1 managed OS disks – S10, 100,000 transaction units | $127,30 |  |
| Container Instances | RabbitMQ | East US | 2 Container group(s) x 300 Second(s), Linux OS, 4 GB Memory, 2 vCPU(s) | $0,02 |  |
| Support |  |  | **Support** | $0,00 |  |
|  |  |  | **Licensing Program** | **Microsoft Online Services Program (MOSP)** | |
|  |  |  | **Monthly Total** | **$524,00** |  |
|  |  |  | **Annual Total** | **$6.287,98** |  |

The platform built on PHP must be in containers, which can deliver better performance for applications and less complexity in its administration.

Services like RabbitMQ should also be implemented through containers.

The virtual machines for the more complex services like the service orchestrator and the java microservices. I consider to have a better control of the virtual machine.

MySQL with its own infrastructure managed by the cloud provider.

Continuous integration tools to take the changes to the applications in production. The continuous deployment will be controlled given the work environments that comprise the same infrastructure.