**Part 2: Comparison of Potential Platforms**

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| **Criteria** | **AWS ECS Fargate** | **OpenShift (OCP)** | **AWS EKS** |
| Complexity | Low complexity, abstracts infrastructure management. | Moderate complexity, Kubernetes-based. | Moderate complexity, Kubernetes-based. |
| Cost | More cost-effective due to serverless nature, pay per task. | Costs can vary, additional management overhead. | Costs can vary, additional management overhead. |
| License | No additional license costs, part of AWS services. | OpenShift subscription costs. | No additional license costs, part of AWS services. |
| Ease of Use | Highly user-friendly, managed service with AWS console. | Requires Kubernetes expertise, steeper learning curve. | Requires Kubernetes expertise, steeper learning curve. |
| Skill Availability | General cloud skills sufficient, ECS-specific skills can be learned. | Requires Kubernetes expertise, may require upskilling. | Requires Kubernetes expertise, may require upskilling. |
| Use Case Fit | Ideal for simple applications without complex dependencies. | Suitable for more complex applications with in-house Kubernetes expertise. | Suitable for more complex applications with in-house Kubernetes expertise. |
| **Recommendation** | **Preferable option** due to cost savings, simplicity, and alignment with use case. | Consider if Kubernetes expertise available and complexity is acceptable. | Consider if Kubernetes expertise available and complexity is acceptable. |