Teqfocus

Containerization using EKS

If you've waited long to run your applications in a distributed, portable, independent manner with agility and faster speeds, yet running them on a virtual machine then containerization is what you need precisely.

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Core benefits

Consumption of minimal resources

Unlike virtualization consuming gigabytes, EKS allows you to run multiple pods on one or more nodes in your clusters

Centralized control

Allows you to leverage the capabilities of Controlpanel to centrally manage all your nodes and workers in the cluster

Run more applications

Eliminating the OS layer, you can make small containers to run distributed applications

Flexibility

Hands you the flexibility to set quotas for CPU and memory for underlying applications on containers

Architecture

Gives you the ability to manage one or more clusters using both x86 and ARM architectures

Version Control

Provides the option of tracking versions for your application code and related dependencies. You can easily maintain, track, differentiate and roll back code on identified versions.

Integration

You can make use of the integration around different technology stacks like GIT, CloudFormation, Terraform, Docker, and DevOps pipelines.

Teqfocus Containerization Offering

• Aid containerization adoption and migration from existing virtualization techniques to EKS framework

• Resolve infrastructure management problems by setting up EKS clusters from scratch or help re-design your existing cluster for better efficiency and cost optimization

• Improved portability of application code and developer functions by creating pods to run decoupled systems on the same underlying infrastructure

• Build a resilient design that is ready to provide fault tolerance with a minimalistic turnaround time

• Managed services for end to end cluster management leveraging the advantages of the containerization tech stack to iron out any complexities that your team faces on day to day basis

• Help to create a scalable design using the Kubernetes framework that is cost-effective and optimal for catering to your application codebase

• Provide agility to move around with minimalistic changes required to yield best the results for your business apps, reducing overall overhead and reclaiming more time to focus on developing evolutionary products