2 Day Seminar: Application Innovation with Azure Kubernetes Services

Kubernetes is the container orchestration platform of choice for organizations deploying cloud-native applications. Ramp up your development and operations team members with this 2 day seminar where we will cover use cases, benefits of Kubernetes; the technical fundamentals of Kubernetes; how AKS works, its benefits, features and scenarios and how to plan your AKS implementation with best practices.

SNP's expert facilitators can conduct the seminar on-site or remotely. The format is a blend of PowerPoint driven lecture, instructor led demonstrations, and whiteboarding.

Day 1 Outline

- Learn the benefits of cloud computing and how Azure services facilitate modernization of application workloads.
- Benefits of containers and orchestration.
- Fundamentals of the Kubernetes open source container orchestrator and survey of the Kubernetes ecosystem.
- An overview of Azure Kubernetes Service (AKS), covering how AKS works, is deployed and administered, and advanced features and use cases.

Day 2 Outline

- Deep dive into the Kubernetes API
- Use of Azure DevOps tooling to build and deploy containerized applications to AKS
- Planning your AKS Implementation:
  - The considerations you need to account for when planning a highly available, production-ready AKS cluster
- Whiteboard exercise:
  - An opportunity to discuss and whiteboard an Azure Kubernetes Service (AKS) use case in your organization

This core outline of the 2 day seminar can be customized based on experience level of the audience. For more information or questions contact SNP on:

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Example Reference Architecture