

# Cloud ARM Master Training Agenda

## 1. Cloud Workload Visibility

- Full stack visibility for Application Resource Management (ARM) of cloud workloads discussing the Service Entity mapping
- Performance, location and deployment details of your cloud workloads
- Single pane visibility of your entire cloud estate including accounts and scoped views to a billing family or a resource group

## 2. Cloud Cost Management

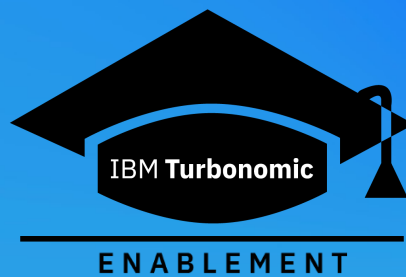
- Analyzing your total cloud spend, cost of cloud services as well as per account/subscription spending using the top-down approach
- Calculating the operational cost of your cloud instances using the bottom-up approach
- Applying custom discounts to your on-demand or pay-as-you-go pricing

## 3. Cloud Compute Optimization

- Rightsizing cloud instances to assure performance and maximize savings
- Configuring Turbonomic to honor scaling constraints for a unified catalog of cloud instances and consistent vertical resizing for Autoscaling Groups (AWS) as well as Scale Sets/Availability Sets (Azure)

## 4. Cloud Prepaid Capacity Management

- Visibility into the pre-paid capacity and usage of the reserved instances that your organization has already purchased
- RI (reserved instance) purchase and RI aware cloud compute scaling to minimize cost
- Using Optimize Cloud Plan to compare the cost savings from various RI purchase profiles



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## 5. Cloud Storage Optimization

- Reclamation of wasted storage by deleting unattached volumes
- Cloud volume scaling to use the correct storage tier for your workloads
- Configuring Turbonomic to choose from the selected cloud storage tiers when scaling

## 6. Cloud Advanced Planning

- Running “what-if” scenarios to understand the benefits of automating Turbonomic actions and optimizing your Cloud environment with rightsizing VMs, Volumes, DBs, deleting unattached storage, maximizing savings from using existing RIs as well as buying RIs
- Comparing the costs of running workloads on different Cloud Service Providers
- Migrating core applications to the cloud for flexibility and scale
- Learning how to upload plan results to Azure Migrate Services

## 7. Cloud PaaS Optimization

- Identify the right size for AWS database servers and Azure databases instances in your Cloud environment
- Configure and choose the database tiers when scaling the PaaS instances for compute and storage