

**Azure
Cost Optimization**



PetaBytz Assessment on current cloud infrastructure

Current Infrastructure

- Lack of visibility of Cost allocation against resource utilization
- Lack of central approval process or budgetary allocation
- Unutilized, over-provisioned resources

To be process

- Instance right sizing and reservation
- Clean up idle, underutilized resources
- Custom optimization

Cloud Optimization Assessment

Objective Assessment

Discover

- Cost Optimization Assessment
- Security Audit
- Reliability and Performance study
- Operations Audit

Gap Analysis

Assess

- Infra cost management & policy
- Security breaches and remediation plans
- Data back-up and DR implementation gaps
- SLA adherence gap

Optimization Recommendations

Recommend

- Detailed Plan for Cloud Optimization Strategy, Approach, Cost, Target architecture, Benefits

Cost Optimization Techniques

- **Choosing Right size for Underutilized Resources**
- **Take Advantage Of Azure Reservations**
- **Leverage Azure Spot Virtual Machines**
- **Reduce Azure Costs With Savings Plans For Compute**
- **Use Real-Time Cost Anomaly Detection and Alerts**
- **Use Azure Advisor and Take Advantage Of Azure Hybrid Benefit**
- **Switch To Azure Elastic Databases**
- **Align Your VMs Start/Stop Schedule With Actual Usage**