

AWS Certified Solutions Architect — Associate (SAA-C01)



Module 11

CloudWatch & Autoscaling

Agenda

 CloudWatch

 Labs

 Auto Scaling

 Labs

 Q & A

CloudWatch

Resource and Application Monitoring

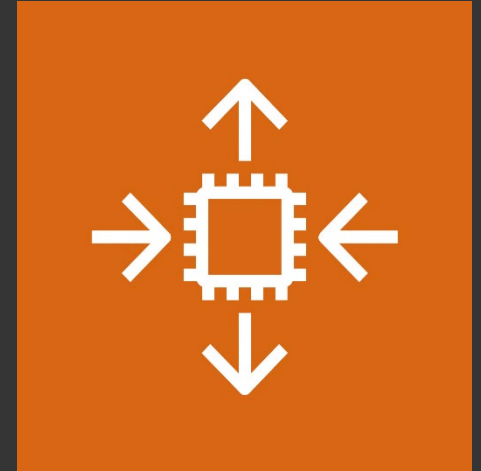
- Visibility into resource utilization and operational performance with Metrics and Logs
- Set alarm thresholds to send notifications or trigger Auto Scaling
- Log aggregation, monitoring and troubleshooting with CloudWatch Logs
- Support for customer-published measurements with Custom Metrics



Auto Scaling

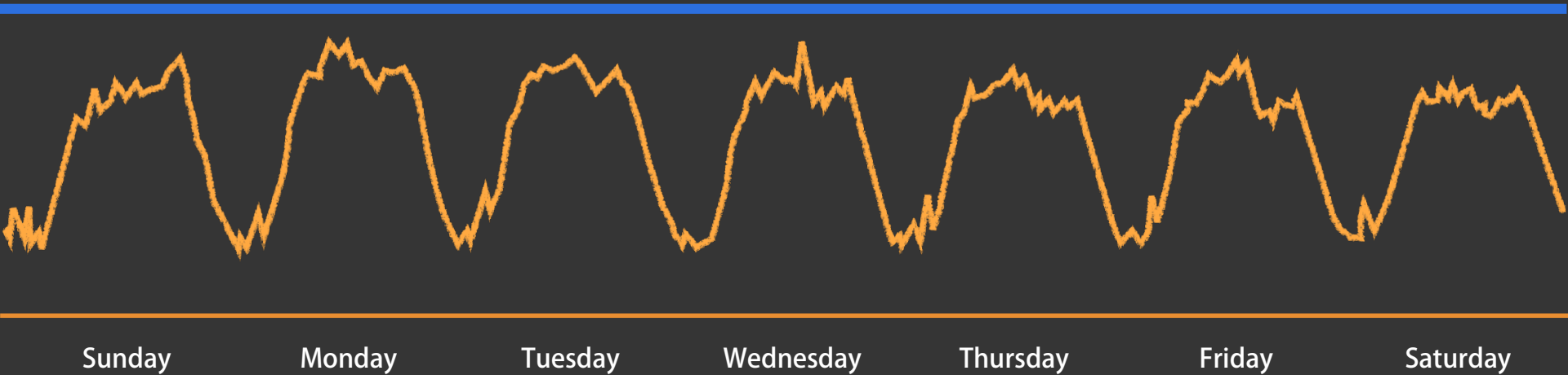
Scale your infrastructure automatically

- Adds or removes EC2 instances based on metrics and health checks
- No additional charge
- Minimize cost and maximize performance
- Integrates with Elastic Load Balancers



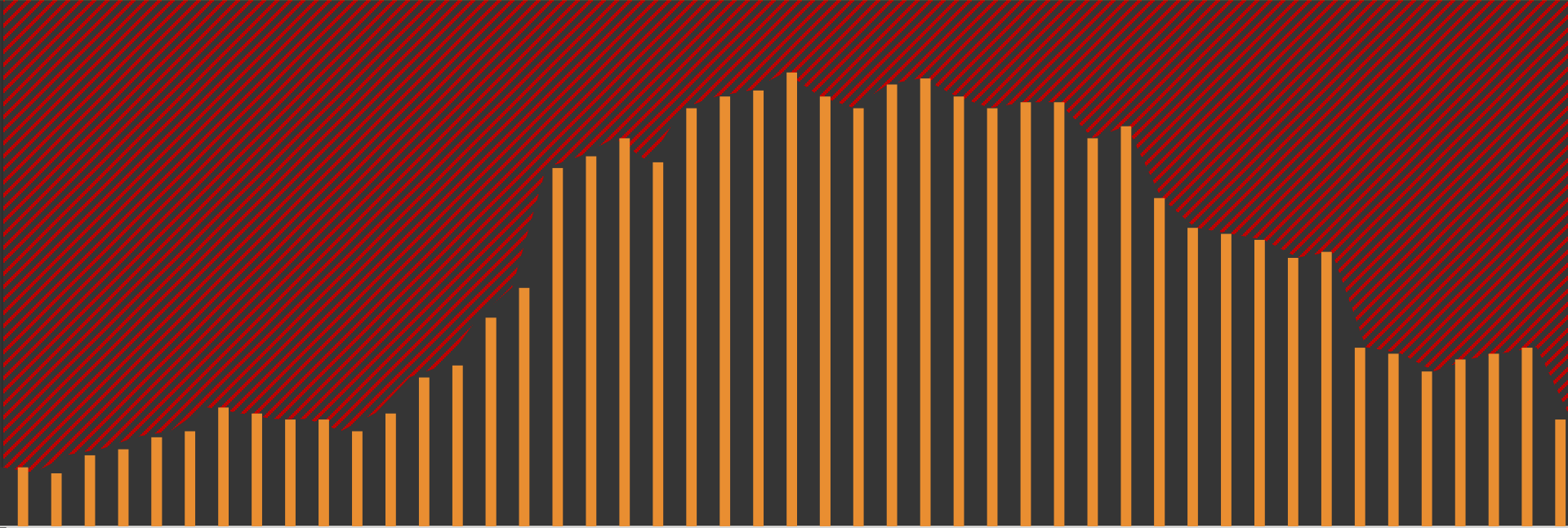
Typical weekly traffic to example.com

Provisioned capacity



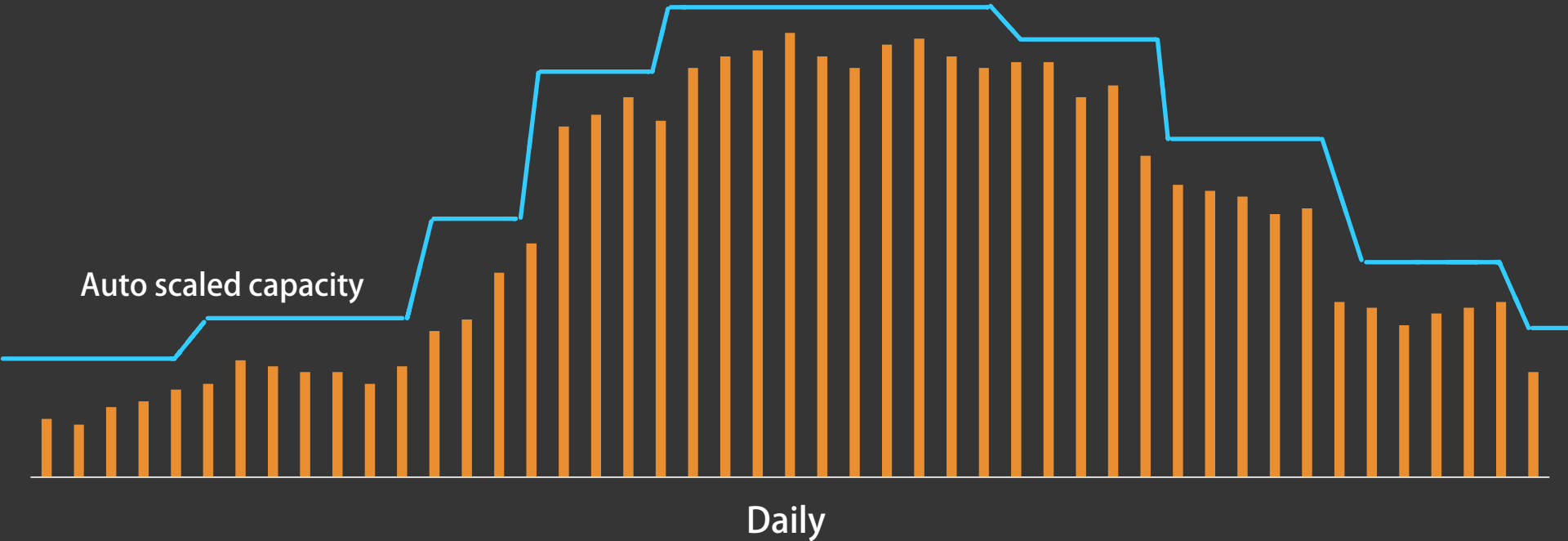
Daily traffic to example.com

Provisioned capacity

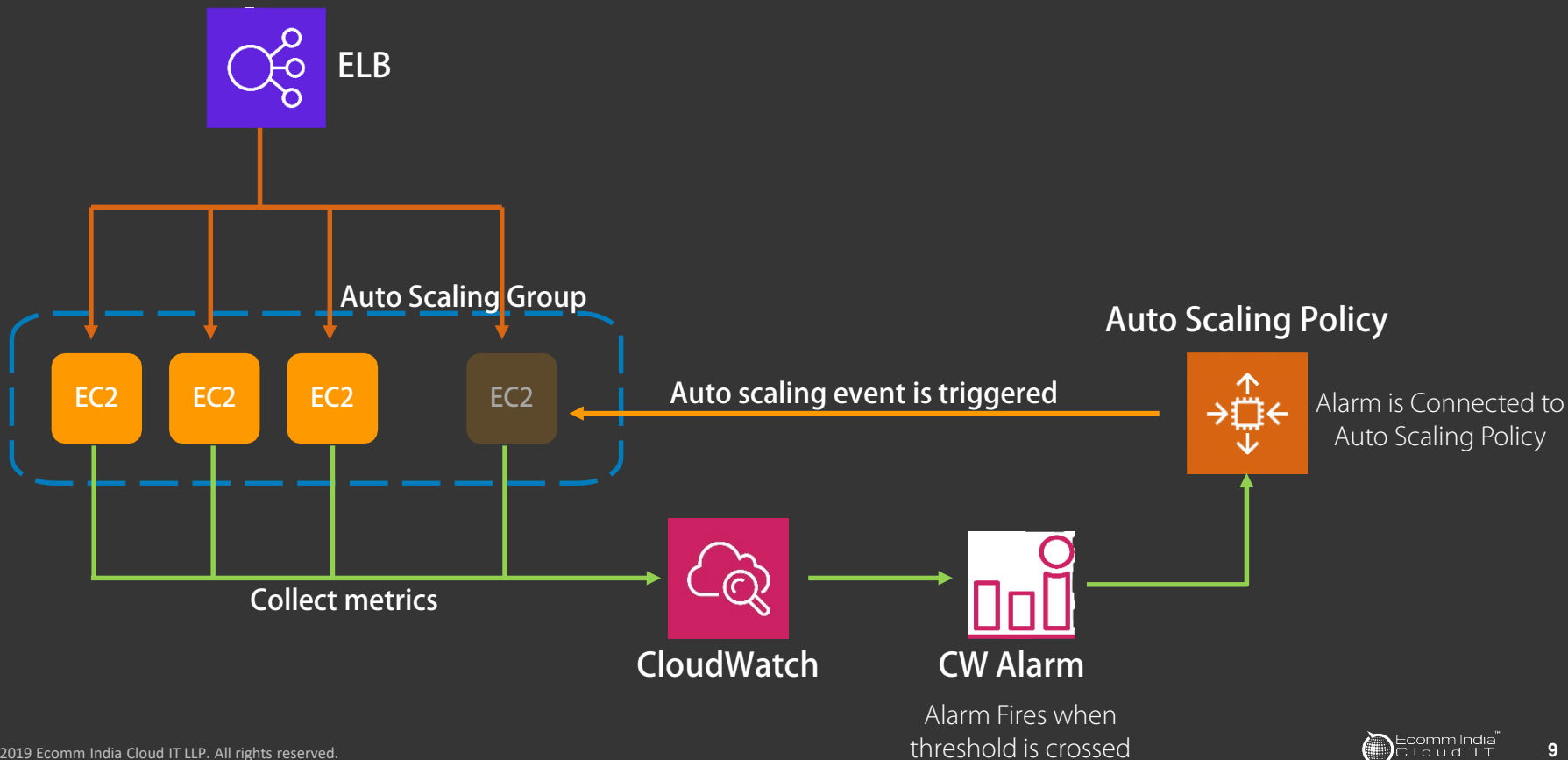


Daily traffic to example.com

Match IT Resources to Application Demand using Autoscaling



Reactive Scaling Policies



Scaling Policies

 Target Tracking

 Step Scaling

 Simple Scaling