# Introduction to Azure Security Center

### **Security Center overview**



Azure Security Center is a unified infrastructure security management system that strengthens the security posture of your data centers, and provides advanced threat protection across your hybrid workloads in the cloud and as well as on premises.

**Security** 

Center

**Features** 

#### Manage security policy and compliance

A security policy defines the desired configuration of your workloads and helps ensure compliance with company or regulatory security requirements

#### Continuous assessments

Continuously discovers new resources and assesses whether they are configured according to security best practices.

#### Recommendations

controls set in the security policy.

### Creates recommendations based on the

#### Secure score

Constantly reviews your active recommendations and calculates your secure score based on them

#### **Adaptive Application Controls**

Adaptive application control is an intelligent, automated end-to-end application whitelisting solution from Azure Security Center.

#### **Manage Just In Time Access**

JIT VM access can be used to lock down inbound traffic to Azure VMs while providing easy access to connect to VMs when needed.

#### **Incidents**

A security incident is an aggregation of all alerts for a resource that align with kill chain patterns.

#### **Security Alerts**

Detected threats will be raised as security alerts

### Preventive monitoring and remediation



#### Scope

Bring the subscriptions and management groups under the coverage of Security center

#### Implement advanced cloud defences

Advanced cloud defenses such as Just In Time access,

Adaptive application controls etc.

#### Improve the overall secure score

Improve your overall secure score by implementing recommendations and monitor score continuously.



Azure Security Center automatically assigns its built-in security policies on each subscription that is onboarded. You can configure them in Azure Policy.

#### Implement the recommendations

When Security Center identifies potential security vulnerabilities, it creates recommendations.

Remediate them to harden security posture of your solution.



## Reactive monitoring and remediation



