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A QUICK WORD ON ARM

 This will be covered in detail in the IaC module
 Understanding the structure of resources helps with Azure Policy
 Everything in Azure is made up of resources that are defined in resource providers
 A resource has properties and actions

• At all levels access control can be leveraged on the management plane
• Some services also support RBAC on data plane, e.g. some storage services
• Inherited
• Roles consist of actions that are assigned to security principal at a scope
• Grant to groups not users
• Leverage PIM for just-in-time

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AZURE POLICY

CRUD operation has to pass through it

Can be used for enforcement and audit

Start with audit!

A policy is a set of conditions built around resource attributes and an effect

Policies can be grouped into initiatives for assignment and compliance

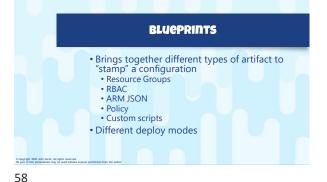
Cost Management provides insight and control of Azure (and AWS) spend
Cost analysis
Cost alerts
Budgets – Alerts & Action Groups
Cost allocation with EA or Customer Agreement
Estimate Azure costs with Pricing Calculator
Always optimize your Azure costs

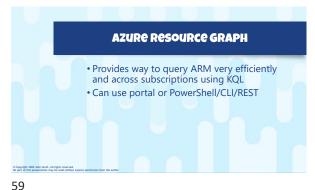
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NAMING STANDARDS Having a standard is very important Azure has some great recommendations Remember naming conventions apply to all resources and guest OS Have consistent for cloud and on-premises







AZURE ADVISOR

 Throughout your Azure life there is constant re-evaluation and optimization
 Azure Advisor provides recommendations around key areas and should be checked weekly

• Aka.ms/governancedocs
 • Cloud Adoption Framework
 • Includes landing zones
 • Well-Architected Framework
 • Includes a review
 • Azure Architecture Center

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