Module Completion & Exam Hints

Azure Compliance, Regulations, Standards

Compliance Offerings Examples

- ❑ GDPR – General Data Protection Regulation - Europe

- ❑ HIPAA - Health Insurance Portability and Accountability Act

- ❑ ISO - International Organization for Standardization and IEC - International Electrotechnical Commission 27018

- ❑ NIST CSF - National Institute of Standards and Technology Cybersecurity Framework

- ❑ Azure Government - public cloud for state agencies in USA

Microsoft Azure Fundamentals

Azure Blueprints

Azure Blueprints Overview

- ❑ With Azure Blueprints, you deploy and update cloud environments in a repeatable manner, using composable artifacts – ARM templates, RGs, policy assignments, RBAC

- ❑ With ARM templates, you execute the deployment but once resources are deployed, there is no active connection or relationship to the template

Azure Blueprints

- ❑ Also, with Blueprints you can also upgrade several subscriptions at once, that are governed by the same blueprint; Multiple templates can be used in Blueprints

Azure Advisor

Azure Advisor Overview

- ❑ Azure Advisor helps you follow best practices and optimize your Azure deployments

- ❑ Recommendations are split into 5 categories:
  - ❑ High Availability
  - ❑ Security
  - ❑ Performance
  - ❑ Cost
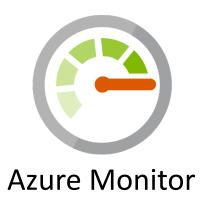 - ❑ Operational Excellence

Azure Advisor

- ❑ Think of Advisor as your private consultant in Azure

Azure Monitor & Azure Service Health

Azure Monitor Overview

- With Azure Monitor you can understand how your apps are performing and proactively identify issues affecting them and the resources they depend on

- Azure Monitor will monitor your cloud environment and then perform different functions such as analysis, alerting and streaming to external systems

Azure Monitor

Azure Monitor Use Cases

- ❑ Create smart alerts and automated actions

- ❑ Monitor resources and drill into monitoring data with Azure Log Analytics

- ❑ Detect and diagnose issues across applications and dependencies with Application Insights

- ❑ Create visualizations with Azure Dashboards

Azure Monitor

Azure Service Health Overview

❑ Azure Service Health is actually a combination of three separate smaller services

  ❑ Azure status

  ❑ Azure service health

  ❑ Azure resource health

Azure Service Health

3-in-1 Azure Service Health

- ❑ Azure Status page is a global view of the health of all Azure services across all Azure regions

- ❑ Azure Service Health provides a personalized view of the health of the Azure services and regions you're using

- ❑ Azure Resource Health provides information about the health of your individual cloud resources

Azure Service Health

Microsoft Azure Fundamentals
Training Bootcamp

Thank you