

The following are the Azure official documentation for the new requirements added for 70-532 Developing Microsoft Azure Solutions exam.

## **Virtual Machines objective - Azure Disk Encryption**

Azure Disk Encryption, compute security - <https://docs.microsoft.com/en-us/azure/security/azure-security-disk-encryption>

Azure Disk Encryption, FAQ - <https://docs.microsoft.com/en-us/azure/security/azure-security-disk-encryption-faq>

Azure Disk Encryption, Security at rest - <https://docs.microsoft.com/en-us/azure/security/azure-security-encryption-atrest>

## **Virtual Machines objective - DevTest Labs**

DevTest Labs, home page - <https://azure.microsoft.com/en-ca/services/devtest-lab/>

DevTest Labs, tutorial - <https://docs.microsoft.com/en-us/azure/devtest-lab/devtest-lab-create-lab>

## **Azure Storage objective - connecting to Azure Files, shard large data-sets, blob leasing**

Introduction to Azure Files - <https://docs.microsoft.com/en-us/azure/storage/files/storage-files-introduction>

Develop for Azure Files using .NET - <https://docs.microsoft.com/en-us/azure/storage/files/storage-dotnet-how-to-use-files>

Working with Azure Files, sample code - <https://code.msdn.microsoft.com/Working-With-Azure-File-708ecbbe>

Data partitioning guidance - <https://docs.microsoft.com/en-us/azure/architecture/best-practices/data-partitioning>

## **Azure Storage objective - implement Cosmos DB Table API**

Cosmos DB Table API, code samples - <https://github.com/Azure-Samples/azure-cosmos-db-table-dotnet-getting-started>

Developing with Table API using .NET - <https://docs.microsoft.com/en-us/azure/cosmos-db/tutorial-develop-table-dotnet>

DocumentDB API, tutorial - <https://docs.microsoft.com/en-us/azure/cosmos-db/documentdb-get-started>

## **Azure Storage objective - choose between Azure Tables and Cosmos DB Table API**

Introduction to Cosmos DB Table API - <https://docs.microsoft.com/en-us/azure/cosmos-db/table-introduction>

Azure Tables vs Cosmos DB Table API, stack overflow -

<https://stackoverflow.com/questions/44005805/azure-table-storage-vs-cosmosdb-table-api>

## **Azure Storage objective - Cosmos DB, all aspects**

Cosmos DB, home page - <https://azure.microsoft.com/en-ca/services/cosmos-db/>  
Cosmos DB, overview - <https://docs.microsoft.com/en-us/azure/cosmos-db/introduction>  
DocumentDB API tutorial - <https://docs.microsoft.com/en-us/azure/cosmos-db/tutorial-query-documentdb>

## **Azure Storage objective - Redis caching for ASP.NET sessions**

ASP.NET session state provider - <https://docs.microsoft.com/en-us/azure/redis-cache/cache-aspnet-session-state-provider>  
How to use Redis Cache - <https://docs.microsoft.com/en-us/azure/redis-cache/cache-dotnet-how-to-use-azure-redis-cache>

## **Manage Identity objective - Multi-Factor Authentication (MFA) and MFA API**

Multi-Factor Authentication, home page - <https://azure.microsoft.com/en-us/services/multi-factor-authentication/>  
Multi-Factor Authentication, overview - <https://docs.microsoft.com/en-us/azure/multi-factor-authentication/multi-factor-authentication>  
Multi-Factor Authentication SDK - <https://docs.microsoft.com/en-us/azure/multi-factor-authentication/multi-factor-authentication-sdk>

## **Manage Identity objective - determine when to use event hubs, service bus, IoT Hub, Stream Analytics and Notification Hubs**

Azure Stream Analytics, home page - <https://azure.microsoft.com/en-us/services/stream-analytics/>  
Azure Stream Analytics, overview - <https://docs.microsoft.com/en-us/azure/stream-analytics/stream-analytics-introduction>  
Stream Analytics, learning path - <https://azure.microsoft.com/en-ca/documentation/learning-paths/stream-analytics/>  
IoT Hub, home page - <https://azure.microsoft.com/en-us/services/iot-hub/>  
IoT Hub, overview - <https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-what-is-iot-hub>  
IoT Hub, learning path - <https://azure.microsoft.com/en-ca/documentation/learning-paths/iot-hub/>  
Azure Event Hubs - <https://azure.microsoft.com/en-us/services/event-hubs/>

## **Manage Identity objective - Azure Key Vault**

Azure Key Vault, home page - <https://azure.microsoft.com/en-us/services/key-vault/>  
Azure Key Vault, overview - <https://docs.microsoft.com/en-us/azure/key-vault/key-vault-what-is>  
Azure Key Vault, tutorial - <https://docs.microsoft.com/en-us/azure/key-vault/key-vault-get-started>

## **Azure Compute objective - Functions**

Azure Functions, home page - <https://azure.microsoft.com/en-us/services/functions/>  
Azure Functions, overview - <https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>  
Azure Functions, tutorials - <https://docs.microsoft.com/en-us/azure/azure-functions/>

## **Azure Compute objective - Third Party Platform as a Service (PaaS), Cloud Foundry, OpenShift, Azure Quickstart Templates, Azure Marketplace Solutions**

Azure Marketplace - <https://azuremarketplace.microsoft.com/en-us>

Cloud Foundry, home page - <https://docs.microsoft.com/en-us/azure/cloudfoundry/>

Cloud Foundry, overview - <https://docs.microsoft.com/en-us/azure/virtual-machines/linux/cloudfoundry-get-started>

Cloud Foundry, Azure Friday - <https://azure.microsoft.com/en-us/resources/videos/cloud-foundry-on-azure/>

OpenShift, home page - <https://docs.microsoft.com/en-us/azure/openshift/>

OpenShift, overview - <https://docs.microsoft.com/en-us/azure/virtual-machines/linux/openshift-get-started>

## **Azure Compute objective - DevOps, Application Insights, Continuous Integration, Continuous Development, third-party deployment tools, mobile DevOps using HockeyApp**

Azure DevOps solutions - <https://azure.microsoft.com/en-us/solutions/devops/>

Azure DevOps, tool integrations - <https://azure.microsoft.com/en-us/try/devops/>

Build a CI/CD Pipeline, MS Build - <https://azure.microsoft.com/en-us/resources/videos/build-2017-build-a-ci-cd-pipeline-from-microsoft-azure-portal/>

Azure App Service Continuous Delivery, MSDN Blog -

<https://blogs.msdn.microsoft.com/devops/2016/11/17/azure-app-services-continuous-delivery/>

HockeyApp, home page - <https://azure.microsoft.com/en-us/services/hockeyapp/>

Application Insights, home page - <https://azure.microsoft.com/en-us/services/application-insights/>

*Links valid as of November 2017. If any become invalid, or you have suggestions for additions, please let me know by clicking the "Browse Q&A" button at the bottom of this screen and posting it for me. Always grateful for your suggestions.*