

Exam Ref AZ-204 Developing Solutions for Microsoft Azure

List of URLs

Chapter 1: Develop Azure Infrastructure as a service compute solution

<https://management.core.windows.net/>
<https://management.azure.com/>
<https://login.windows.net/>
<https://graph.windows.net/>
<https://portal.azure.com>
<https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#>
<https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#>
<https://schema.management.azure.com/schemas/2018-05-01/subscriptionDeploymentTemplate.json#>
<https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#>
<https://schema.management.azure.com/schemas/2015-01-01/deploymentParameters.json#>
<https://shell.azure.com>
[http://\\$SP_NAME](http://$SP_NAME)
[http://\\$SP_NAME](http://$SP_NAME)
https://<your_app_service_name>.azurewebsites.net
<https://docs.microsoft.com/en-us/azure/app-service/containers/app-service-linux-intro>
<https://docs.microsoft.com/en-us/azure/devops/repos/git/creatingrepo>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
http://<your_function_app>.azurewebsites.net/api/<your_function_name>
https://<your_function_app>.azurewebsites.net/api/<your_function_name>
https://<your_function_app_name>.azurewebsites.net/admin/host/status

https://<your_function_app_name>.azurewebsites.net/api/<your_function_name>
https://<your_function_app_name>.azurewebsites.net/api/devices/{id:int?}
[https://www.asp.net/web-api/overview/web-api-routing-and-actions/
attribute-routing-in-web-api-2#constraints](https://www.asp.net/web-api/overview/web-api-routing-and-actions/attribute-routing-in-web-api-2#constraints)
[https://docs.microsoft.com/en-us/azure/app-service/
app-service-authentication-how-to#access-user-claims](https://docs.microsoft.com/en-us/azure/app-service/app-service-authentication-how-to#access-user-claims)
<http://localhost:7071/api/orchestrators/OrchestratorFunction>
[https://support.microsoft.com/en-us/help/2721672/microsoft-server-
software-support-for-microsoft-azure-virtual-machines](https://support.microsoft.com/en-us/help/2721672/microsoft-server-software-support-for-microsoft-azure-virtual-machines)
<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/endorsed-distros>
<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/manage-availability>
<https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>
[https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-restrict-network-
access-to-resources](https://docs.microsoft.com/en-us/azure/virtual-network/tutorial-restrict-network-access-to-resources)
<https://docs.microsoft.com/en-us/azure/templates/>
[https://docs.microsoft.com/en-us/azure/azure-resource-manager/
resource-group-template-functions](https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-template-functions)
https://docs.docker.com/develop/develop-images/dockerfile_best-practices/
<https://docs.microsoft.com/en-us/azure/aks/tutorial-kubernetes-prepare-app>
[https://azure.github.io/AppService/2019/11/01/App-Service-Integration-with-Azure-
Monitor.html](https://azure.github.io/AppService/2019/11/01/App-Service-Integration-with-Azure-Monitor.html)
<https://github.com/projectkudu/kudu/wiki>
<https://docs.microsoft.com/en-us/azure/app-service/deploy-zip>
<https://docs.microsoft.com/en-us/azure/app-service/deploy-content-sync>
<https://docs.microsoft.com/en-us/azure/app-service/deploy-local-git>
<https://docs.microsoft.com/en-us/azure/app-service/deploy-staging-slots>
<https://docs.microsoft.com/en-us/azure/app-service/configure-common>
<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/autoscale-best-practices>
[https://docs.microsoft.com/en-us/azure/architecture/best-practices/
auto-scaling#related-patterns-and-guidance](https://docs.microsoft.com/en-us/azure/architecture/best-practices/auto-scaling#related-patterns-and-guidance)
[https://docs.microsoft.com/en-us/azure/azure-functions/
functions-triggers-bindings#supported-bindings](https://docs.microsoft.com/en-us/azure/azure-functions/functions-triggers-bindings#supported-bindings)
[https://docs.microsoft.com/en-us/azure/azure-functions/
install-update-binding-extensions-manual](https://docs.microsoft.com/en-us/azure/azure-functions/install-update-binding-extensions-manual)
[https://docs.microsoft.com/en-us/azure/azure-functions/
functions-bindings-expressions-patterns](https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-expressions-patterns)
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-versions>

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-bindings-http-webhook#trigger---hostjson-properties>
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-scale>
<http://localhost:7071/runtime/webhooks/durabletask/instances>
<http://localhost:7071/runtime/webhooks/durabletask/instances>
<http://localhost:7071/runtime/webhooks/durabletask/instances>
<http://localhost:7071/runtime/webhooks/durabletask/instances>
<https://docs.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-concepts>
<https://docs.microsoft.com/en-us/azure/active-directory/develop/howto-create-service-principal-portal>

Chapter 2: Develop for Azure storage

<http://portal.azure.com>
<http://portal.azure.com>
<http://portal.azure.com>
<https://github.com/Hashnode/mern-starter.git>
<http://localhost:8000>
<http://portal.azure.com>
<http://portal.azure.com>
<https://portal.azure.com>
<https://azure.microsoft.com/en-us/features/storage-explorer/>
<https://docs.microsoft.com/en-us/dotnet/api/microsoft.azure.storage.blob.blobcontainerproperties>
<http://portal.azure.com>
<https://docs.microsoft.com/en-us/azure/cosmos-db/local-emulator>
<https://docs.microsoft.com/en-us/azure/cosmos-db/partition-data#physical-partitions>
<https://docs.microsoft.com/en-us/azure/cosmos-db/partitioning-overview>
<https://docs.microsoft.com/en-us/azure/cosmos-db/sql-api-query-reference>
<https://docs.microsoft.com/en-us/azure/cosmos-db/create-graph-dotnet>
<https://docs.microsoft.com/en-us/azure/cosmos-db/create-cassandra-dotnet>
<https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels-tradeoffs>
<https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels-tradeoffs>
<https://docs.microsoft.com/en-us/azure/cosmos-db/consistency-levels-across-apis>

<https://docs.microsoft.com/en-us/azure/cosmos-db/databases-containers-items#azure-cosmos-containers>
<https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-time-to-live>
<https://docs.microsoft.com/en-us/azure/cosmos-db/unique-keys>
<https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed-design-patterns>
<https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-write-stored-procedures-triggers-udfs>
<https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-write-javascript-query-api>
<https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-use-stored-procedures-triggers-udfs>
<https://docs.microsoft.com/en-us/azure/cosmos-db/how-to-configure-cosmos-db-trigger-connection-policy>
<https://docs.microsoft.com/en-us/azure/cosmos-db/change-feed>
<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-quickstart-blobs-python>
<https://docs.microsoft.com/en-us/azure/machine-learning/team-data-science-process/move-data-to-azure-blob-using-ssis>
<https://blogs.msdn.microsoft.com/windowsazurestorage/2012/06/12/introducing-asynchronous-cross-account-copy-blob/>
<https://docs.microsoft.com/en-us/rest/api/storageservices/lease-blob>
<https://docs.microsoft.com/en-us/rest/api/storageservices/lease-container>
<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>
<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-lifecycle-management-concepts>

Chapter 3: Implement Azure security

<https://developers.google.com/identity/sign-in/web/devconsole-project>
<https://localhost:44395/signin-google>
<https://localhost:44317>
<https://localhost:44317>
<https://localhost:44317/Home/SignIn>
<https://localhost:44317/Manage>
<http://www.w3.org/1999/xhtml>
<http://www.w3.org/1999/xhtml>
<http://portal.azure.com>
<https://azure.microsoft.com/en-us/features/storage-explorer/>
<https://portal.azure.com>

<https://{storageAccount}.blob.core.windows.net>
<https://{storageAccount}.blob.core.windows.net>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
[https://docs.microsoft.com/en-us/azure/azure-app-configuration/
use-key-vault-references-dotnet-core](https://docs.microsoft.com/en-us/azure/azure-app-configuration/use-key-vault-references-dotnet-core)
<https://portal.azure.com>
<https://{keyVaultName}.vault.azure.net>
<https://{keyVaultName}.vault.azure.net>
<https://{keyvault-name}.vault.azure.net/{object-type}/{object-name}/{object-version}>
<https://portal.azure.com>
<https://docs.microsoft.com/en-in/azure/app-service/app-service-web-get-started-dotnet>
<https://{keyVaultName}.vault.azure.net/secrets/{secretName}>
<https://portal.azure.com>
<https://docs.microsoft.com/en-us/azure/key-vault/quick-create-portal>
<https://tools.ietf.org/html/rfc6749>
[https://docs.microsoft.com/en-us/aspnet/aspnet/overview/owin-and-katana/
owin-oauth-20-authorization-server](https://docs.microsoft.com/en-us/aspnet/aspnet/overview/owin-and-katana/owin-oauth-20-authorization-server)
<https://docs.microsoft.com/en-us/rest/api/storageservices/define-stored-access-policy>
[https://docs.microsoft.com/en-us/azure/storage/common/storage-stored-access-
policy-define-dotnet](https://docs.microsoft.com/en-us/azure/storage/common/storage-stored-access-policy-define-dotnet)
[https://docs.microsoft.com/en-us/rest/api/storageservices/
delegate-access-with-shared-access-signature](https://docs.microsoft.com/en-us/rest/api/storageservices/delegate-access-with-shared-access-signature)
[https://docs.microsoft.com/en-us/azure/active-directory/develop/
vs-active-directory-dotnet-what-happened](https://docs.microsoft.com/en-us/azure/active-directory/develop/vs-active-directory-dotnet-what-happened)
<https://docs.microsoft.com/en-us/azure/role-based-access-control/custom-roles>
[https://docs.microsoft.com/en-us/azure/azure-app-configuration/quickstart-feature-
flag-aspnet-core](https://docs.microsoft.com/en-us/azure/azure-app-configuration/quickstart-feature-flag-aspnet-core)
[https://docs.microsoft.com/en-us/azure/azure-app-configuration/enable-dynamic-
configuration-aspnet-core](https://docs.microsoft.com/en-us/azure/azure-app-configuration/enable-dynamic-configuration-aspnet-core)
<https://docs.microsoft.com/en-us/azure/azure-app-configuration/howto-best-practices>
<https://docs.microsoft.com/en-us/azure/key-vault/about-keys-secrets-and-certificates>

Chapter 4: Monitor, troubleshoot, and optimize Azure solutions

https://<your_app_service_name>.azurewebsites.net
<https://portal.azure.com>
https://<your_endpoint's_name>.azureedge.net
https://<your_endpoint's_name>.azureedge.net
<https://app.contoso.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://docs.microsoft.com/en-us/azure/frontdoor/quickstart-create-front-door>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://visualstudio.microsoft.com/free-developer-offers/>
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://docs.microsoft.com/en-us/azure/cdn/cdn-how-caching-works>
<https://docs.microsoft.com/en-us/azure/frontdoor/front-door-caching>
<https://stackexchange.github.io/StackExchange.Redis/Basics>
<https://stackexchange.github.io/StackExchange.Redis/Transactions>
<https://stackexchange.github.io/StackExchange.Redis/KeysValues>
<https://docs.microsoft.com/en-us/azure/azure-monitor/app/api-custom-events-metrics>
<https://docs.microsoft.com/en-us/azure/kusto/query/>
<https://docs.microsoft.com/en-us/azure/azure-monitor/log-query/query-language>
<https://docs.microsoft.com/en-us/azure/azure-monitor/platform/alerts-log>
<https://docs.microsoft.com/en-us/azure/architecture/best-practices/transient-faults>
<https://docs.microsoft.com/en-us/aspnet/aspnet/overview/developing-apps-with-windows-azure/building-real-world-cloud-apps-with-windows-azure/transient-fault-handling>
<https://docs.microsoft.com/en-us/azure/architecture/patterns/retry>
<https://docs.microsoft.com/en-us/azure/architecture/patterns/circuit-breaker>

Chapter 5: Connect to and consume Azure services and third-party services

<https://docs.microsoft.com/en-us/connectors/connector-reference/>
<https://docs.microsoft.com/en-us/azure/devops/user-guide/sign-up-invite-teammates?view=azure-devops>
<https://portal.azure.com>
<https://github.com/MicrosoftDocs/pipelines-dotnet-core>
<https://github.com/join>
<https://dev.azure.com>
<https://localhost:44398/swagger>
https://<your_app_service_name>.azurewebsites.net
https://<your_app_service_name>.azurewebsites.net/swagger
<https://github.com/domaindrivendev/Swashbuckle>
<https://github.com/nihau/TREx>
https://<your_app_service_name>.azurewebsites.net/swagger/docs/v1
<https://portal.azure.com>
<https://portal.azure.com>
<https://aka.ms/download-azure-logic-apps-tools-visual-studio-2019>
<https://portal.azure.com>
<https://portal.azure.com>
https://<your_app_service_name>.azurewebsites.net/swagger/docs/v1
<https://fakerestapi.azurewebsites.net>
https://<your_APIM_name>.developer.azure-api.net/
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
<https://az204books.azure-api.net/library/books/>
<https://portal.azure.com>
https://<Your_EventGrid_Topic>.<region_name>-1.eventgrid.azure.net/api/events
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-develop-vs#publish-to-azure>
<https://github.com/Azure-Samples/azure-event-grid-viewer>
<http://portal.azure.com>
<https://console.firebase.google.com>
<https://portal.azure.com>

<https://docs.microsoft.com/en-us/azure/notification-hubs/ios-sdk-204>
[https://docs.microsoft.com/en-us/azure/notification-hubs/
notification-hubs-android-push-notification-google-fcm-get-started](https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-android-push-notification-google-fcm-get-started)
[https://docs.microsoft.com/en-us/azure/notification-hubs/
notification-hubs-windows-store-dotnet-get-started-wns-push-notification](https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-windows-store-dotnet-get-started-wns-push-notification)
<https://portal.azure.com>
<https://portal.azure.com>
<https://portal.azure.com>
[https://docs.microsoft.com/en-us/azure/azure-functions/
functions-compare-logic-apps-ms-flow-webjobs](https://docs.microsoft.com/en-us/azure/azure-functions/functions-compare-logic-apps-ms-flow-webjobs)
<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-pricing>
<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-create-variables-store-values>
<https://docs.microsoft.com/en-us/connectors/custom-connectors/>
[https://docs.microsoft.com/en-us/azure/logic-apps/
logic-apps-create-azure-resource-manager-templates](https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-create-azure-resource-manager-templates)
[https://docs.microsoft.com/en-us/azure/logic-apps/
logic-apps-deploy-azure-resource-manager-templates](https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-deploy-azure-resource-manager-templates)
<https://azure.microsoft.com/en-us/pricing/details/api-management/>
[https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-
developer-portal](https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-developer-portal)
<https://azure.microsoft.com/es-es/blog/versions-revisions/>
[https://docs.microsoft.com/en-us/azure/api-management/
api-management-access-restriction-policies#RestrictCallerIPs](https://docs.microsoft.com/en-us/azure/api-management/api-management-access-restriction-policies#RestrictCallerIPs)
[https://docs.microsoft.com/en-us/azure/api-management/
api-management-howto-protect-backend-with-aad](https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-protect-backend-with-aad)
[https://docs.microsoft.com/en-us/azure/api-management/
api-management-howto-mutual-certificates](https://docs.microsoft.com/en-us/azure/api-management/api-management-howto-mutual-certificates)
[https://docs.microsoft.com/en-us/azure/api-management/
api-management-error-handling-policies](https://docs.microsoft.com/en-us/azure/api-management/api-management-error-handling-policies)
<https://docs.microsoft.com/en-us/azure/api-management/set-edit-policies>
[https://docs.microsoft.com/es-es/azure/api-management/
api-management-howto-api-inspector](https://docs.microsoft.com/es-es/azure/api-management/api-management-howto-api-inspector)
<https://docs.microsoft.com/en-us/azure/azure-functions/functions-monitoring>
<https://docs.microsoft.com/en-us/azure/event-grid/manage-event-delivery>
[https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-
enterprise-push-notification-architecture](https://docs.microsoft.com/en-us/azure/notification-hubs/notification-hubs-enterprise-push-notification-architecture)
[https://docs.microsoft.com/en-us/azure/storage/blobs/storage-quickstart-
blobs-portal#create-a-container](https://docs.microsoft.com/en-us/azure/storage/blobs/storage-quickstart-blobs-portal#create-a-container)

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-manage#access-keys>
<https://docs.microsoft.com/en-in/azure/event-hubs/event-hubs-features>
<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-queues-topics-subscriptions>
<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-performance-improvements>
<https://docs.microsoft.com/en-us/azure/service-bus-messaging/topic-filters>
<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-azure-and-service-bus-queues-compared-contrasted>
<https://docs.microsoft.com/en-us/learn/modules/communicate-between-apps-with-azure-queue-storage/>