

Azure CLI Cheat Sheet



The Azure command-line interface (CLI) is a set of commands used to create and manage Azure resources.

Displaying environment information

az version	Prints out the version of the installed Azure CLI modules and extensions
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Setting the Azure context

az login	Logs in to Azure interactively
az account show	Gets the details of the current active Azure subscription
az account list	Get a list of subscriptions for the logged in account
az account set --subscription ".NET Microservices"	Set the subscription named ".NET Microservices" to be the current active subscription. Can also use the subscription id instead

Creating Azure resources

az group create -n playeconomy -l eastus	Creates a new resource group named "playeconomy" in the eastus region
az cosmosdb create -n playeconomy -g playeconomy --kind MongoDB --enable-free-tier	Creates a new Azure Cosmos DB account named "playeconomy" in the "playeconomy" resource group to be used with the MongoDB API. It also enables the free tier so that the first 1000 RU/s and 25 GB of storage in the account are free.
az servicebus namespace create -n playeconomy -g playeconomy --sku Standard	Creates a new Azure Service Bus namespace named "playeconomy" in the "playeconomy" resource group using the Standard SKU
az acr create -n playeconomy -g playeconomy --sku Basic	Creates a new Azure Container Registry named "playeconomy" in the "playeconomy" resource group using the Basic SKU
az vm list-skus -l eastus -r VirtualMachines -o table	Lists all virtual machine SKUs available in the EASTUS region and formats the output as a table. Useful to select the SKU/VM size for AKS cluster creation.

az aks create -n playeconomy -g playeconomy --node-vm-size Standard_B2s --node-count 2 --attach-acr playeconomy --enable-pod-identity --network-plugin azure	<p>Creates a new managed Kubernetes cluster named “playeconomy” in the “playeconomy” resource group with 2 nodes of the Standard_B2s VM SKU.</p> <p>It also grants the cluster permission to pull images from the “playeconomy” ACR, enables pod-managed identities and the Azure network plugin.</p>
az keyvault create -n playeconomy -g playeconomy	Creates an Azure Key Vault named “playeconomy” in the “playeconomy” resource group.

Creating service principals

az ad sp create-for-rbac -n "GitHub" --query appld --output tsv	Creates a service principal without assigning it any role and returns the appld
az role assignment create --assignee 0996bf4c-91fb-4923-820c-5507f479fb61 --role "AcrPush" -g playeconomy	Assigns the “AcrPush” role to the service principal with Appld “0996bf4c-91fb-4923-820c-5507f479fb61” scoped to the “playeconomy” resource group

Creating pod-managed identities

az identity create -n catalog -g playeconomy	Creates an Azure Managed Identity named “catalog” in the “playeconomy” resource group
az identity show -n catalog -g playeconomy --query id -o tsv	Gets the Azure resource id of the “catalog” Managed Identity that lives in the “playeconomy” resource group, using the tab and newline separated format.
az aks pod-identity add --resource-group playeconomy --cluster-name playeconomy --namespace catalog --name catalog --identity-resource-id [RESOURCE_ID]	<p>Adds a pod-managed identity named “catalog” to the “catalog” namespace of the “playeconomy” Kubernetes cluster in the “playeconomy” resource group.</p> <p>The pod-managed identity is associated to the Azure Managed Identity identified by --identity-resource-id.</p>
az identity show -n catalog -g playeconomy --query clientId -o tsv	Gets the ClientId of the “Catalog” Managed Identity that lives in the “playeconomy” resource group using the tab and newline separated format
az keyvault set-policy -n playeconomy --secret-permissions get list --spn [IDENTITY_CLIENT_ID]	Grants permissions to get and list secrets from the “playeconomy” Key Vault to the Managed Identity whose ClientId is passed to --spn