Azure Edge Services Poster

Not all the Services shown are Generally Available. Some are either just announced, or in Preview. Refer to the Azure Documentation for the latest status on availability

Azure Edge Services - Infrastructure

ImageUrl	Service	Title
	Azure Stack Edge	AI enabled Edge computing device with network data transfer capabilities; appliance is charged on monthly subscription basis
	Azure IoT Edge	Extends IoT Hub on the Edge by analyzing device data locally. It is a runtime that hosts other Azure Edge software like Az SQL, Az Stream Analytics, etc. It runs on Azure Stack Edge
	Azure Stack Hub	Hardware Appliance that is an extension to Azure and runs in on premise Environments, provides experience as in Azure
	Azure Stack HCI	OS for Hyperconverged Cluster, available through Partner provided Hardware; it can run virtualized workloads on-premise
	Azure Data Box Gateway	Virtual Appliance in on-premise environment that writes data to Azure using the NFS and SMB protocols

Azure Edge Services - Networking

ImageUrl	Service	Title
	Azure Edge - Load Balancer	Azure Stack Hub can be used to Load balance traffic to servers in the same location and direct traffic to servers in different locations
	Azure Edge - VPN Gateway	Azure Stack Hub can be used to create a site-to-site VPN that connects a virtual network in Azure Stack Hub to a virtual network in Azure

Azure Edge Services - Compute

ImageUrl	Service	Title
	Azure Edge - VM Scalesets	Create and manage Virtual Machine Scalesets on Azure Stack Hub
	Azure Edge - Virtual Machines	Create and manage Virtual Machines on Azure Stack Hub, or Azure Stack Edge, or Azure Stack HCI
	Azure Edge - App Service	Deploy App Service to Azure Stack Hub
	Azure Edge - Functions	Run Azure Functions as Docker containers inside Azure IoT Edge

Azure Edge Services - Database

ImageUrl	Service	Title
	Azure Edge - Azure Database for Postgres	Azure Arc enabled Data Services can be used to deploy Azure Database for Postgres in a Kubernetes Cluster on Azure Stack Hub or Azure Stack HCI
	Azure Edge - SQL Managed Instance	Azure Arc enabled Data Services can be used to deploy Azure SQL Managed Instance in a Kubernetes Cluster on Azure Stack Hub or Azure Stack HCI
	Azure SQL Edge	Low footprint Azure SQL Database that can be deployed to Azure IoT Edge Runtime
	Azure Edge - MySQL	Uses Azure Stack Hub MySQL Resource provider to deploy and manage MySQL on Windows Server 2016 VMs
	Azure Edge - SQL Server	Uses Azure Stack Hub SQL Resource provider to deploy and manage SQL Server on Windows Server 2016 VMs

Azure Edge Services - AI & Machine Learning

ImageUrl	Service	Title
	Azure Edge - Cognitive Services	Build custom image (Custom Vision) classifiers and deploy them to devices as containers hosted in Azure IoT Edge
	Azure Edge - Machine Learning	Develop a machine learning module using Azure ML Notebooks and deploy it to a Linux device running Azure IoT Edge

Azure Edge Services - Analytics

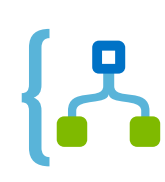| ImageUrl	Service	Title
	Azure Edge - Stream Analytics	Deploy and run containerized Azure Stream Analytics as a module in IoT Edge runtime
	Azure Edge - Event Hub	Event Hubs on Azure Stack Hub allows you to realize hybrid cloud scenarios, with Streaming and event-based solutions, for both on-premises and Azure cloud processing

Azure Edge Services - Containers

ImageUrl	Service	Title
	Azure Edge - Kubernetes Service	Deploy to Azure Stack Hub using AKS Engine Image, or to Azure Stack - Edge or HCI, & manage using Azure Arc, and Azure IoT Edge

Azure Edge Services - Operations

ImageUrl	Service	Title
	Azure Edge - Monitor	Monitor service in Azure Stack Hub provides capabilities similar to Azure Monitor
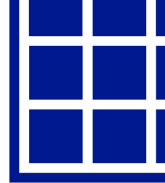
Azure Edge Services - Integration

ImageUrl	Service	Title
	Azure Edge - Logic Apps	Run stateless Azure Logic Apps, packaged as Docker containers and deployed to Azure Functions, App Service or Kubernetes Cluster

Azure Edge Services - Security

ImageUrl	Service	Title
	Azure Edge - Key Vault	Key Vault in Azure Stack Hub helps safeguard cryptographic keys and secrets that cloud apps and services use

Azure Edge Services - Storage

ImageUrl	Service	Title
	Azure Edge - File Share	Azure Stack Edge provides the ability to configure File Shares that support SMB and NFS protocols, similar to Azure Files
	Azure Edge - Queue Storage	Azure Stack Hub Storage provides Queue storage consistent with the services provided by Azure Storage
	Azure Edge - Table Storage	Azure Stack Hub Storage provides Table storage consistent with the services provided by Azure Storage
	Azure Edge - Blob Storage	Azure Stack Hub Storage, Stack Edge & IoT Edge provide Blob storage consistent with the services provided by Azure Storage

Azure Edge Services - IoT

ImageUrl	Service	Title
	Azure Edge - IoT Hub	Deploy Azure IoT Hub to Azure Stack Hub