Azure Services Poster

Azure Services - Compute

ImageUrl •	Service	Title
	Azure App Service	HTTP based service to host Web Applications, REST APIs
	Azure Dedicated Hosts	Physical Servers dedicated to a subscription that host Windows & Linux VMs
	Azure Spring Cloud	A fully managed Spring Cloud service operated with Pivotal
23	Azure Cycle Cloud	Orchestrate and manage High Performance Compute(HPC) using Schedulers of choice
P	Azure VMWare Solution	Private Cloud Clusters using hyper- converged, bare metal infrastructure Nodes
	Azure Batch	Run large scale parallel and High Performance Compute(HPC) Jobs efficiently
A	Azure Cloud Services	(Legacy offering): Create Highly available and scalable Cloud Applications and APIs
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Azure Functions	Serverless compute to run event triggered code without management overhead
	Azure VM Scalesets	Load balanced and auto scaling Vitual Machines
	Azure Virtual Machines	On demand, scalable, computing Resource (Linux, Windows)

Azure Services - Database

ImageUrl	Service	Title
	Azure Cache for Redis	An in memory data store based on Redis
37	Azure Cosmos DB	Multi Model NoSQL DB that supports SQL API, Cassandra, Mongo, Graph APIs, Table API
	Azure Database for MariaDB	A managed Database Service based on the Open Source MariaDB Engine
Mu	Azure Database for MySQL	A managed Relational Database Service powered by the MySQL Community Edition, Flexible Server
	Azure Database for Postgres	A managed Database Service based on the Open Source Postgres Engine, Flexible Server
SQL	Azure SQL Database	Managed SQL Database Service - Serverless, HyperScale, Memory optimised SKUs
SQL	Azure SQL Managed Instance	A managed Always up-to-date SQL Instance in the Cloud
	Azure Table Storage	A No SQL Key value Store using semi structured datasets

Azure Services - Storage

	ImageUrl •	Service	Title
	-	Azure Data Share	A managed service to share Big Data with external organizations
		Azure Disk Storage	High performance, highly durable Block storage for Azure Virtual Machines
		Azure Files	A fully managed cross platform File share accessible using SMB, NFS Protocols
9		Azure HPC Cache	File caching for High Performance compute
		Azure NetApp Files	Enterprise grade File Shares powered by NetApp
		Avere vFXT for Azure	Cloud based cache layer to power data intensive High Performance Compute workloads
		Azure Blob Storage	Object storage & archival Solution optimised for massive amounts of unstructured data
		Azure Data Lake Store	Scalable and secure Data Lake functionality built on Azure Blob Storage
		Azure Queue Storage	Store large number of messages that can be processed asynchronously through HTTP

Azure Services - Blockchain

ImageUrl	Service	Title
C a	Azure Blockchain Service	Build, govern and expand consortium Blockchain Networks
	Azure Blockchain Workbench	Collection of Azure Services to create & deploy Blockchain Applications

Azure Services - Communication

ImageUrl	Service	Title
	Azure Communication Services	Add real time multimedia voice, video and telephony over IP Communication features
	Azure Notification Hub	Send push notifications to any Mobile Device platform from any Back End

Azure Services - Virtual Desktop

ImageUrl	Service	Title _
> <	Windows Virtual Desktop	Cloud service that delivers Desktop & App Virtualization experience on any Device

Azure Services - Web

Azure

Search

Cognitive

ImageUrl	Service	Title ▼
>	Azure Static Web Apps	Streamlined Full stack development from Source code to Global high Availability
2	Azure SignalR Service	Real time communication features in Web Applications
لوا	Azure API Management	Publish APIs to Developers, Partners and Employees securely and at scale
	Azure Bot Service	Intelligent, serverless Bot service that scales on demand
	Azure Content Delivery Network	Ensure secure, reliable content delivery with broad Global reach
	Azure Web Apps & API Apps	Build & host Web Application, RESTful APIs and Mobile Back ends

Al powered search service for

Mobile & Web application

development

Azure Services - Integration

ImageUrl	Service	Title
mageon	▼ Service	Title
	Azure Service Bus	A Messaging service that connects applications and services across on premise & Cloud
[]	Azure Logic Apps	Automated, scalable workflows, Business processes that integrate Apps, Data across Clouds
€	Azure Event Grid	Near real time Managed Event routing from Applications both Azure & non Azure
	Azure Data Factory	ETL Service for scale-out, Data Integration & transformation, across on-prem & Clouds

Azure Services - Mixed Reality

ImageUrl	Service	Title
	Azure Kinect DK	Developer Kit with AI Sensors for sophisticated computer vision & speech models
	Azure Spatial Anchors	Developer service to create Mixed Reality experiences through Objects & their locations
	Azure Digital Twins	Model the real world with digital representation of Assets, environment and Systems
	Azure Remote Rendering	Render highly complex 3D Models, real time, on devices such as HoloLens 2

Azure Serv	vices - Containe	'S	
ImageUrl	Service	Title	/
	Azure Web App for Containers	Deploy and run containerized Web Applications that can scale with load	
	Azure Kubernetes Services	Deploy, operate and manage Kubernetes Clusters	
	Azure Service Fabric	Develop Microservices & orchestrate containers	
0	Azure Red Hat OpenShift	Open & extensible Container application platform for the Enterprise	
	Azure Container Instances	Run containers on Azure without managing Servers	
	Azure Container Registry	Store and manage Container images across all types of Azure Deployments	

Azure Services Poster

Azure Services - Al & Machine Learning

ImageUrl	Service	Title
	Microsoft Project Bonsai	Autonomous Systems suite to optimize process variables, optimise efficiency using AI
909	Azure Cognitive Services	Consume packaged AI Services through APIs and SDKs inside Applications
	Azure Open Datasets	Curated and cleansed data that can be used to enrich Machine Learning Models
	Azure Machine Learning	End to end, scalable platform for Experimentation and Model Management
	Azure Media Services Video Indexer	Extract insights from Video indexer using video and audio models
	Microsoft Genomics	implementation of the Burrows- Wheeler Aligner & Genome Analysis Toolkit for secondary analysis
	R Server for HDInsight	R based Analytics on data of virtually any size

Azure Services - Developer services

Azure Services - Developer services		
lmageUrl	Service	Title
	Azure Dev Spaces	[To be retired in Oct 2023]Debug and test components in AKS from local Dev machine
M	Visual Studio Codespaces	[Transition to GitHub Codespaces]Cloud powered development from anywhere/platform
	Azure Lab Services	A managed Service that handles the creation of Lab Environments, deploy infra, etc
	Azure Application Insights	An extensible APM System to Detect & diagnose issues across applications & dependencies
	Azure DevTest Labs	Create Environments in Azure using reusable Templates and artifacts
	Azure App Configuration	Managed Service for Developers to Centralize Application and Feature Settings
	Azure DevOps	Services for Teams to track work, share code, ship software - Git,CI/CD,Boards, etc

Azure Services - Analytics

ImageUrl	Service	Title	
	Azure Analysis Services	Create Tabular, semantic Data Models in the Cloud with data from multiple sources	
	Azure Data Catalog	Discover, understand and consume Data sources across the Enterprise	
	Azure Data Explorer	Real time analysis on large data volumes from device telemetry, Application logs	
4	Azure Data Lake Analytics	[Legacy offering] Run Big Data Analysis Jobs that scale to massive Datasets	
	Azure Databricks	Apache Spark based Analytics Platform with tools for collaboration, workflows, ML	
	Azure Event Hubs	Ingest Millions of Events per second, from connected devices and Applications	•
	Azure HDInsight	Managed Apache Hadoop Service that runs Spark, Hive, Kafka, Hbase in the Cloud	
	Azure Log Analytics	Full observability & analytics into Infrastructure, Applications and Network	
	Azure Stream Analytics	Real time analytics on fast moving streams of data from applications and devices	
	Azure Synapse Analytics Workspace	Limitless Analytics Service that combines Data Warehouse and Big data Analytics	
<	Power BI	Embed fully interactive data >	

ImageUrl	Service	Title	,
	Azure Arc	Cloud based Service that brings Azure services, management to any infrastructure, on premise or Clouds	
<		>	

Azure marketplace

ImageUrl	Service	Title
	Azure Marketplace	A rich catalog of more than 17,000 certified apps and services on Azure, deploy seamlessly, and simplify billing
	Azure Private Marketplace	Private Marketplace of pre approved apps curated specifically for an Organization, streamline buying, compliance

Azure Services - Operations

ImageUrl	Service	Title
\$	Cost Management	A free service that provides a break up of the cost incurred running workloads on Azure
	Azure Monitor	Aggregate, analyze metrics, logs & traces from on premises and Cloud, raise Alerts, etc
	Azure Automation	Cloud based automation and configuration service - Powershell, Runbooks, DSC, etc
	Azure Site Recovery	Disaster Recovery options for on premise or Azure based workloads
	Azure Lighthouse	Empower ISV Solution providers to access & manage their Customer deployments
	Azure Policy	Implement corporate governance and standards at scale for Azure Resources
***	Azure Network Watcher	Monitor, diagnose and view metrics to monitor heath of Azure Virtual Networks
	Azure Service Health	Personalised guidance and support when issues in Azure services effect Customers
	Azure Advisor	Personalised recommendation engine to optimize deployments, increase security
Å	Azure Blueprint	Simplified artifact that packages together ARM Templates, RBAC & other policies for deployment
	Azure Resource Mover	Simplify the movement of multiple resources in Azure across Regions
	Azure Managed Applications	Simplify the packaging of Customer solutions for easy deployment & operation e.g. Marketplace
	Azure Backup	Solution to backup and recover data from Azure to/from Recovery Service Vaults
>_	Azure Cloud Shell	Streamline Azure Administration through a browser based shell

Azure Services - IoT Services

ImageUrl	Service	Title
	Azure IoT Hub	Connect, monitor and manage billions of IoT Assets
	Azure Sphere	IoT Solution with a secured connected MCU, custom Linux based OS, Cloud security
1/2	Azure RTOS	OS to support highly constrained IoT and Edge devices powered by Microcontroller units
	Azure IoT Central	Platform to develop, manage and maintain ioT Systems, with built in tools & components
	Azure Maps	Provides Developers APIs that provide geospatial context to data in their Application
	Azure Time Series Insights	Scalable, open, End to end IoT Analytics Service to spot trends, anomalies, perform RCA

Azure Services - Identity

ImageUrl	Service	Title •
	Azure Active Directory	Cloud based Identity & access Management Service
8	Azure AD External Identities	Enables Organizations to manage external users from Customers and Partners
	Azure AD Domain Services	Join Virtual Machine to a Domain without installing Domain Controllers

Azure Services - Media

ImageUrl	Service	Title
	Azure Media Services	Encode, code, protect and stream video and audio at scale, Live & on-demand streaming, Video Indexing

Azure Services - Ground stations

ImageUrl	Service	Title
	Azure Orbital	Ground station as a service - Satellite ground station & scheduling service connected to Azure for fast downlinking of data

Azure Services - Networking

ImageUrl	Service	Title
	Azure Virtual WAN	Azure managed Hub & Spoke service for Networks, to centralise network, security and routing functionalities
<••>	Azure Virtual Network	Building block for private network in Azure to host VMs, connectivity to on premise Networks
	Azure Firewall Manager	Centralised Security Policy & Route Management for Cloud based Security Perimeters
	Azure Internet Analyzer	Client-side measurement platform to test impact of networking infrastructure changes on performance
	Azure Firewall	Cloud Native, Firewall as a Service with built in High Availability and Scalability
<u></u>	Azure ExpressRoute	Dedicated Fiber network based connectivity to Azure from on premise Networks
	Azure Traffic Manager	DNS based Traffic load balancer that can work across Azure Regions based on Routing rules
-3-	Azure VPN Gateway	Encrypted cross-premises connections to Azure VNets from on-premises locations, or other Azure VNets
DNS	Azure DNS	Hosting service for DNS domains to provide name resolution using Azure infrastructure
	Azure Load Balancer	Layer 4 Load balancer that can balance requests within and across AZ, and Global Regions
1	Azure Front Door	Load balance & route HTTPS requests to Applications deployed across global Azure regions
	Azure Application Gateway	Load balance HTTPS requests to Applications deployed within an Azure region
< <u>\$</u>	Azure Private Link	Private access to services hosted on Azure and keeps communication within Azure backbone network
	Azure Bastion	Private and fully managed RDP and SSH based access to Virtual Machines in Azure

Azure Services - Security

ImageUrl	Service	Title
	Azure Defender for IoT	Asset Management & Threat detection for managed and unmanaged IoT Devices
	Azure Active Directory	Cloud based Identity & access Management Service
	Azure Sentinel	Cloud native SIEM & intelligent Security Analytics to protect the Enterprise
	Azure Web Application Firewall	Cloud native WAF Service that provides protection to Web Applications
	Azure Defender	Cloud security posture management and workload protection on Azure
8	Azure Information Protection	Control & secure email, documents, sensitive data both inside and outside Company walls
	Azure key Vault	Create and maintain keys, secrets, Certificates that access and encrypt your cloud resources, apps
80	Azure AD External Identities	Enables Organizations to manage external users from Customers and Partners
	Azure Dedicated HSM	HSM Appliance for Cryptographic Key storage in Azure using most stringent security requirements
	Azure AD Domain Services	Join Virtual Machine to a Domain without installing Domain Controllers
	Azure DDoS Protection	Protect applications in Azure Virtual Network from distributed denial of service attacks
	Azure Security Center	Unified security management and advanced threat protection across hybrid cloud workloads

Azure Edge Services Poster

Not all the Services shown are Generally Available. Some would be 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 Al enabled Edge computing device with network data transfer Edge capabilities, appliance on monthly subscription Azure IoT Extends IoT Hub on the Edge by Edge analyzing device data locally. Hosts other Azure Edge software like Az SQL, Az Stream Analytics, etc. Runs on Azure Stack Edge Azure Stack Hardware Appliance that is an extension to Azure to run in on Hub premise Environments, similar experience as in Azure OS for Hyperconverged Cluster, Azure Stack HCI through Partner provided Hardware to run virtualized workloads on premise Virtual Appliance in on premises Azure Data environment that writes data to **Box Gateway** Azure using the NFS and SMB protocols

Azure Edge Services - Networking

ImageUrl	Service	Title •
+++	Azure Edge - VPN Gateway	Azure Stack Hub to create a site- to-site VPN to connect a virtual network in Azure Stack Hub to a virtual network in Azure
	Azure Edge - Load Balancer	Azure Stack Hub to Load balance traffic to servers in the same location and direct traffic to servers in different locations

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, Azure Stack Edge, 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
My	Azure Edge - MySQL	Azure Stack Hub MySQL Resource provider to deploy and manage MySQL on Windows Server 2016 VMs
SQL	Azure Edge - SQL Server	Azure Stack Hub SQL Resource provider to deploy and manage SQL Server on Windows Server 2016 VMs
SQL	Azure SQL Edge	Low footprint Azure SQL Database can be deployed to Azure IoT

Azure Edge Services - IoT

SQL

ImageUrl	Service	Title •
		Deploy Azure IoT Hub to Azure Stack Hub

Edge Runtime

Azure Edge Services - Al & Machine Learning

ImageUrl	Service	Title _
909	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

Azure Edge - Stream Analytics as a module in IoT Edge runtime Azure Edge - Event Hubs on Azure Stack Hub allows you to realize hybrid cloud scenarios, with Streaming and event-based solutions, for both onpremises and Azure cloud processing			
Event Hub allows you to realize hybrid cloud scenarios, with Streaming and event-based solutions, for both onpremises and Azure cloud		Stream	Stream Analytics as a module in IoT
		•	allows you to realize hybrid cloud scenarios, with Streaming and event-based solutions, for both on- premises and Azure cloud

Title

Azure Edge Services - Containers

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

Azure Edge Services - Operations

ImageUrl	Service	Title •
	Azure Edge - Monitor	Azure Monitor service in Azure Stack Hub provides the similar capabilities to Azure Monitor

Azure Edge Services - Integration

ImageUı	1 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

