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| --- | --- | --- | --- | --- | --- |
| **Compute** | Azure Virtual Machines,Azure Virtual Machines Scale set, Azure App Service, Azure Container Instances, Azure Kubernetes Service,Azure Functions, Azure Virtual Desktop | | | | |
| **Storage** | Blob, Queue, File,Disk (Backup, DR) | Block Blob, Page Blob, append blob, LRS, GRS, ZRS, GZRS | Azure Data Factory(Linked Service, Dataset, Activity)  Azure data bricks (Create workspace, cluster, notebook, libraries, Data) | | |
| **Network** | VPN, Subnet, NSG,ASG, DDOS, Azure Firewall, Resource firewall, Azure DNS Zone, Azure region, subregion, Traffic manager, load balancer, CDN, application Gateway, Azure CLI, YAML, PVC, PV, | | | | |
| **Governance & Security** | Azure Policies, Security policies, Guest Security, Locks (Resource Lock (RBAC), Azure service Principle, | Azure security Center, Azure Defender, Azure AD (B2C, B2B), MFA, Azure Blueprint, apply suggested System update, Vulnerability, Security thread, Azure Service health | Cluster Role & Role Binding,Azure Advisor (Cost, performance, High availability) Azure Active Directory(User, Group, Role) Azure Active Directory domain service, Azure AD Connect | SSL/ TLS Certificate Encryption in transit Azure Disk encryption Privilege Identity Management (PIM) Azure Sentinel (Security information event management, Security Orchestration automated response) | |
| **Monitor** | Azure Monitor, Application Insight, Log Analytics | | | | |
| **DevOps** | Terraform, AKS, Ingress, Helm chart, Service Fabric , Azure Pipeline | Terraform, AKS, Ingress, Helm chart, Service Fabric , Azure Pipeline | DevOps triggers master,(steps, scripts) Command: restore, Build, test, publish) tools: VS code, Azure CLI, Ansible, terraform, SAST, SCA, DAST, RASP, OWASP, Veracode, SonarQube | Container Registory, Kubernetes Services, Automation, Lint issue,Terraform Providers, tfstates,Kubectl, Kubeadm  nod, Pod, replicaset, PVC, PV, Deployment, Services, Ingress, let's encrypt, Helm chart, Canary, Blue green deployment | |
| **App Services & LoadBalancer** | Azure cloud shell, Azure Public Ips, Automation, Azure migration, availability zone, Azure Redis | Azure Marketplace,Web apps, Service bus, event hub,event grid, API Management, Service Fabric,Azure SQL DB | Azure function, Durable function (Sequence, Fan out & Fan In, Automated long running job, Human interaction, Key vault, | Logic app (Schedule automate, Orchestration) | Telematry(IOT), |