Cloud Architecture on Azure

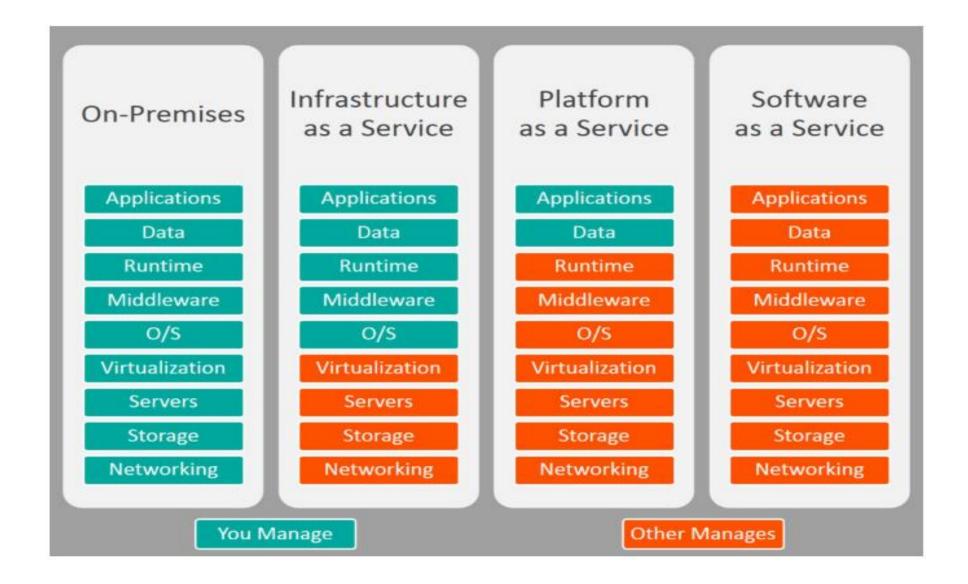
Solution Architect - SeoungHun LEE -





Cloud

laaS vs PaaS vs SaaS



Cloud + Cloud

2016 Gartner Cloud Infrastructure as a Service

Figure 1. Magic Quadrant for Cloud Infrastructure as a Service, Worldwide



Source: Gartner (August 2016)

2017 Gartner Cloud Infrastructure as a Service



2018 Gartner Cloud Infrastructure as a Service

Figure 1. Magic Quadrant for Cloud Infrastructure as a Service, Worldwide Amazon Web Services Microsoft Google Alibaba Cloud ABILITY TO EXECUTE As of April 2018 @ Gartner, Inc. COMPLETENESS OF VISION Source: Gartner (May 2018)

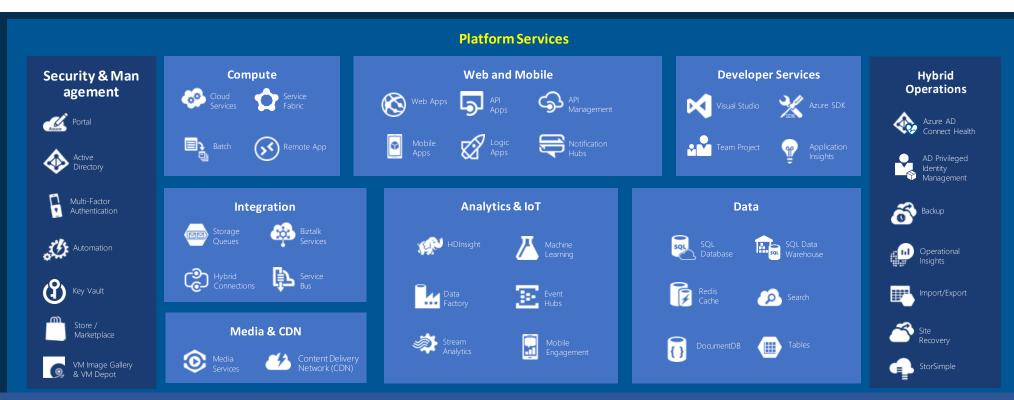
Datacenter Regions

Azure Regions

54 regions available in 140 countries







Infrastructure Services

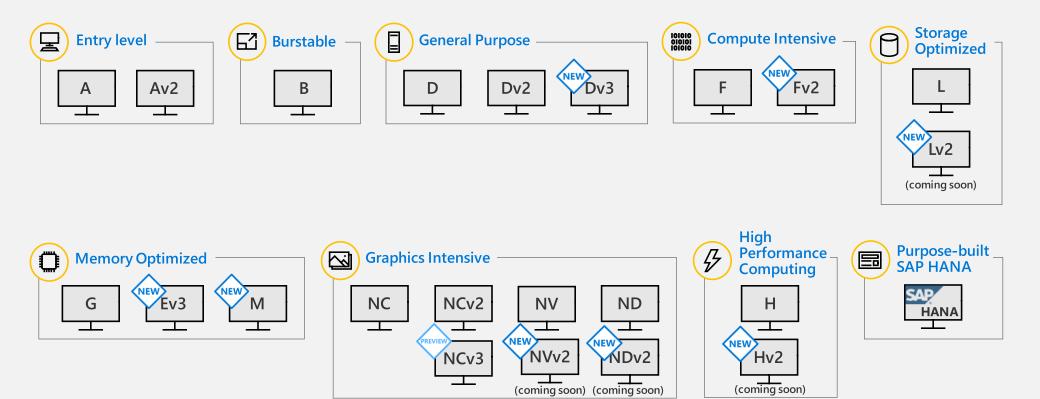


Datacenter Infrastructure

■|•

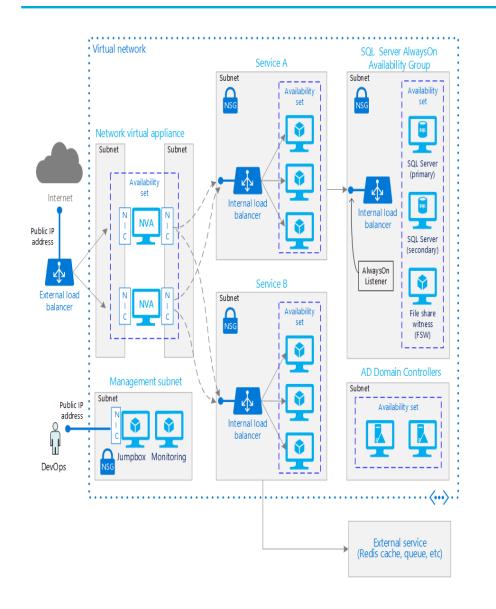
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Compute options for all types of apps

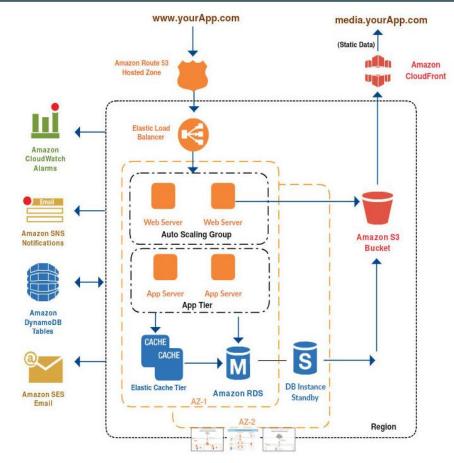


Architecture

Azure VS AWS



3-Tier Auto-scalable Web Application Architecture





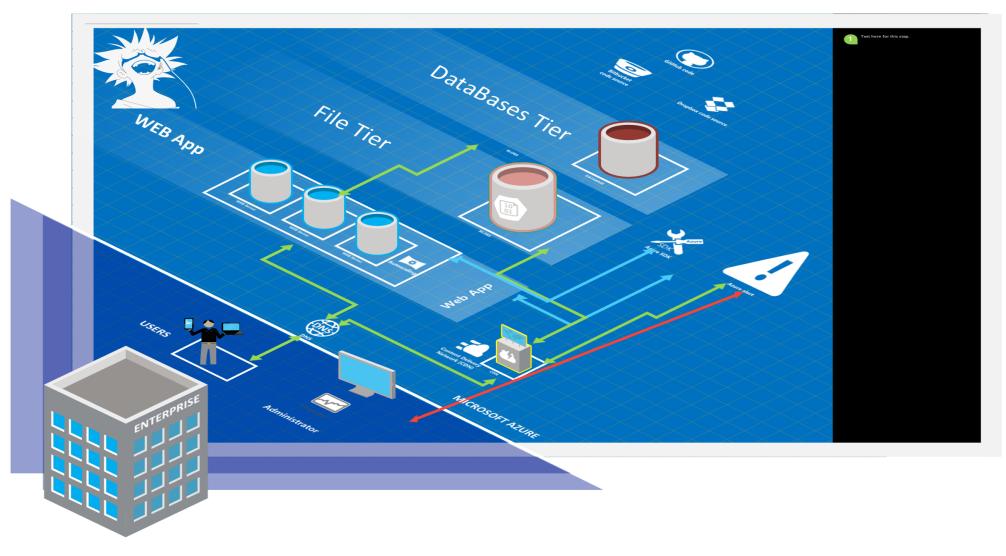






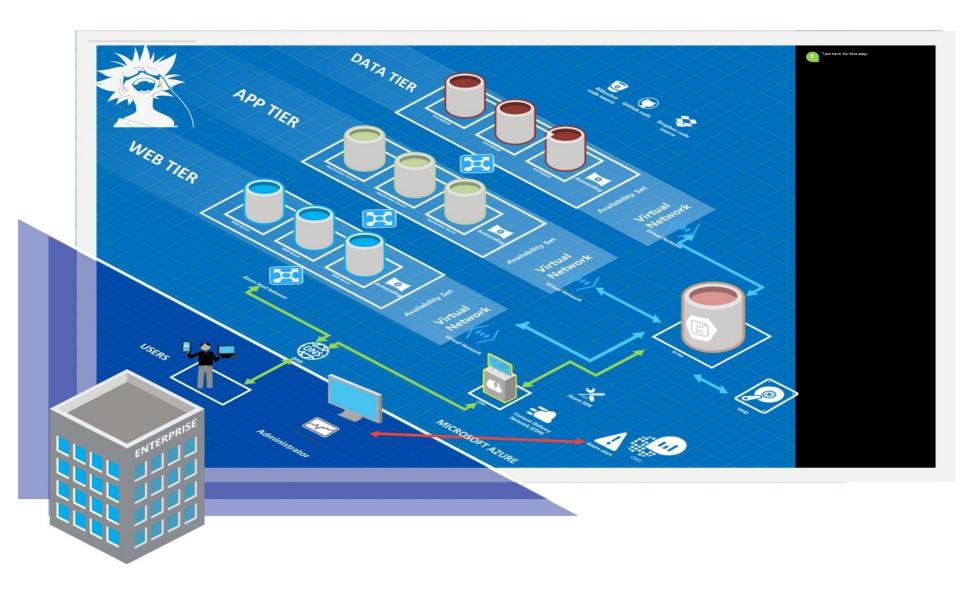


Azure 3 Tier PaaS Architecture



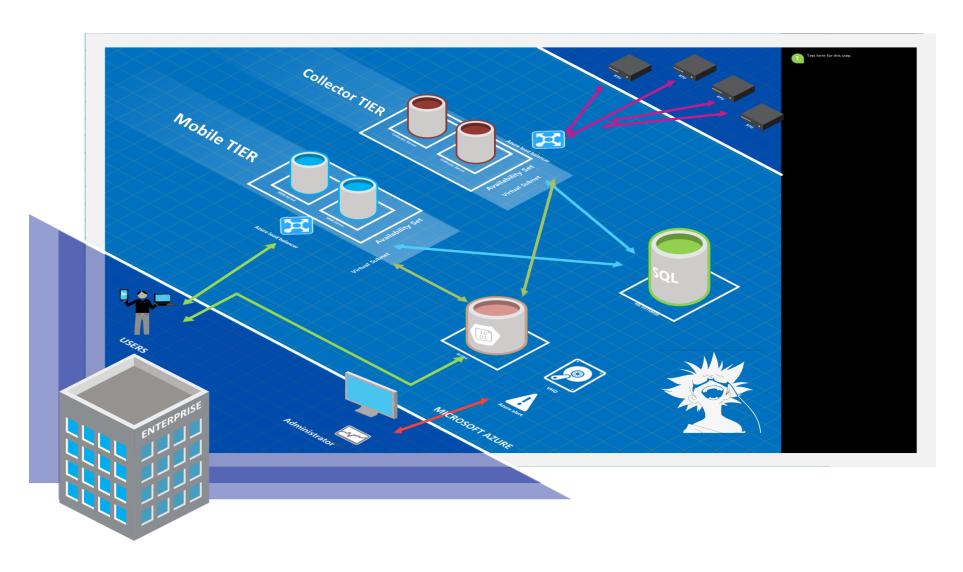


Azure 3 Tier laaS Architecture



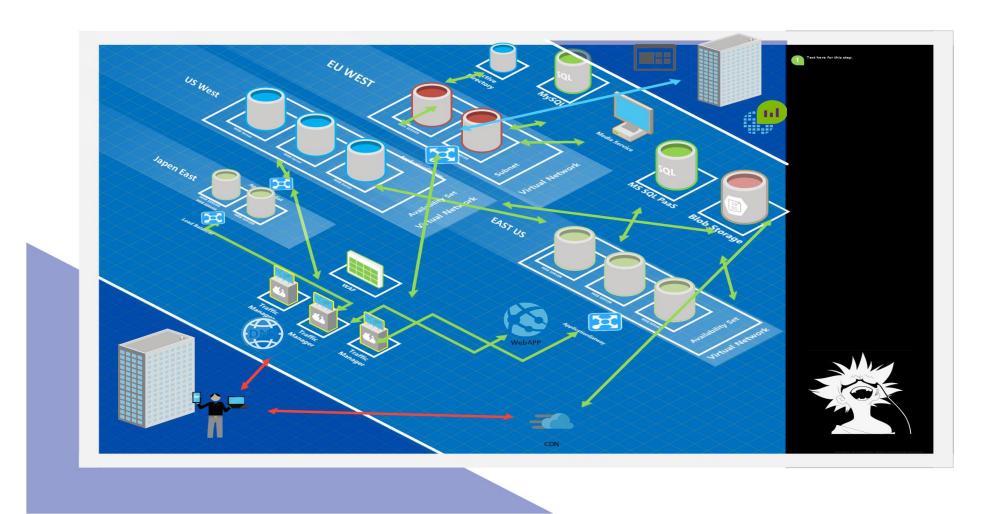


Azure 심장 제세동기 아키텍쳐



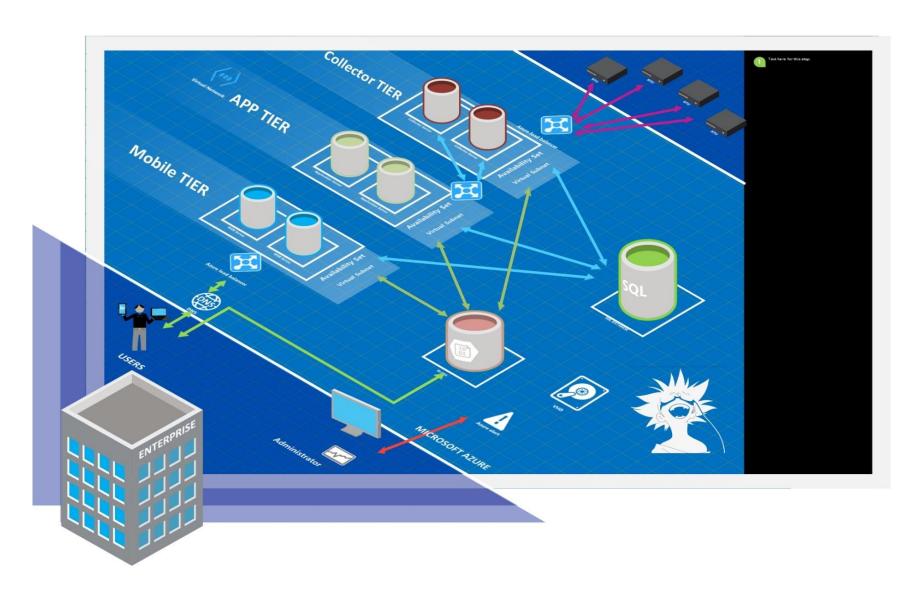


Azure 글로벌 지역 분산 처리 아키텍쳐



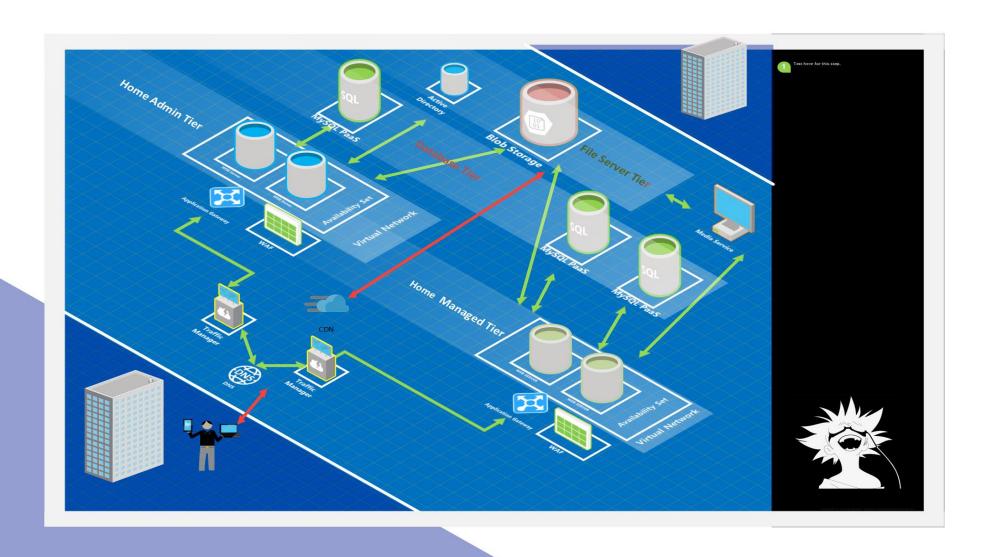


Azure IoT 태양광 인버터 발전 설계

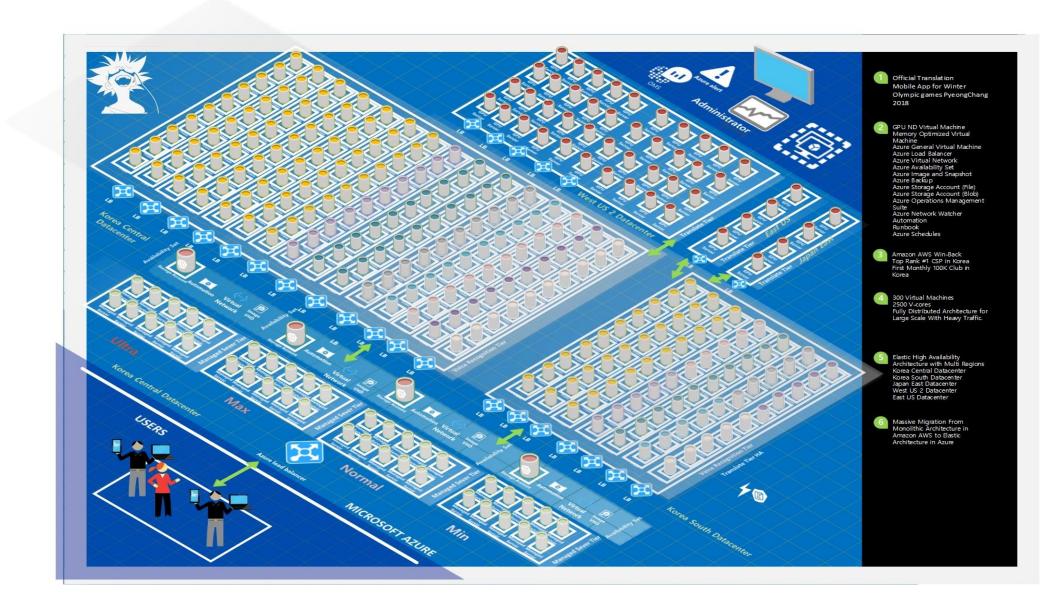




HIPPA (Security)



Elastic Massive Distributed Cloud Architecture



Azure Storage Account Demo

Thank you!