Azure Infrastructure for CC

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Azure Infrastructure	Used by	Description
App insights	GVA, Visibility Portal, GW listener	For logging across the system
IoT Hub	Gateways, GVA	Data, device management of Field GWs
Virtual Machine	GVA – Shipping API, GW listener, GW messenger, KeyStore	Hosts the GVA docker
Web APP	Visibility Portal	VP can also be hosted on a VM, if required..
Function APP	GW listener	Dedicated listener to the iot hub and store incoming data to the cosmos db
SQL Server and Database	GVA, GW listener / messenger	Storage of shipment information
Cosmos DB	GVA -GW listener, Shipping api, KeyStore	Storing data coming from GW, keystore data
Blob Storage	GVA, Visibility portal, OBT	POD photos, Canned shipping address, OBT ref GVA urls, GW logs, etc
Google Location Services	Gw listener, VP	Optional – for Cellular triangulation, and displaying maps
Twillio SMS gateway	GW listener	Optional – for sending geofence alerts