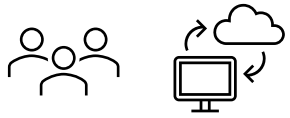


## Internet



End-User Browser(s)  
HTTPS Clients connecting to  
Domain (app.theobuild.com)

Azure Cloud Admins  
Corporate Support Users



## 3<sup>rd</sup> Party Integration

Card Issuer Providers  
Card Creation / Card Details  
Card Transactions

Doc Sign Providers  
Digital Doc Signatures



## Azure Cloud - Resource Group - MxBuild

## Architecture Diagram - MxBuild CDE Environment: **PROD**

Last updated: **2023-10-06**

### Global Endpoint(s)



Azure Front Door  
Web Application Firewall

TLS Certs app.theobuild.com

Load Balancer



### "vnet-mxbuild" Virtual Network



### Private Subnet ("Apps Subnet")



Web Apps (Front-end)  
Container(s)



### Azure NAT Gateway

Outbound Internet  
Defined by Subnet  
Static Public IP



### Private Subnet ("API and Microservices Subnet")



API Web Services (Back-end)  
Container(s)  
Microservices



### Private Subnet- ("Data Subnet")



### Azure SQL Server (PaaS)

SQL Server Firewall  
SQL Database  
Regional D/R

## Azure Shared Services



Azure Active Directory:  
Azure Cloud Admins  
Database Admins  
Multi-factor authentication



KeyVault  
Runtime Secrets  
Data Protection keys



Storage Account:  
SQL Audit logging

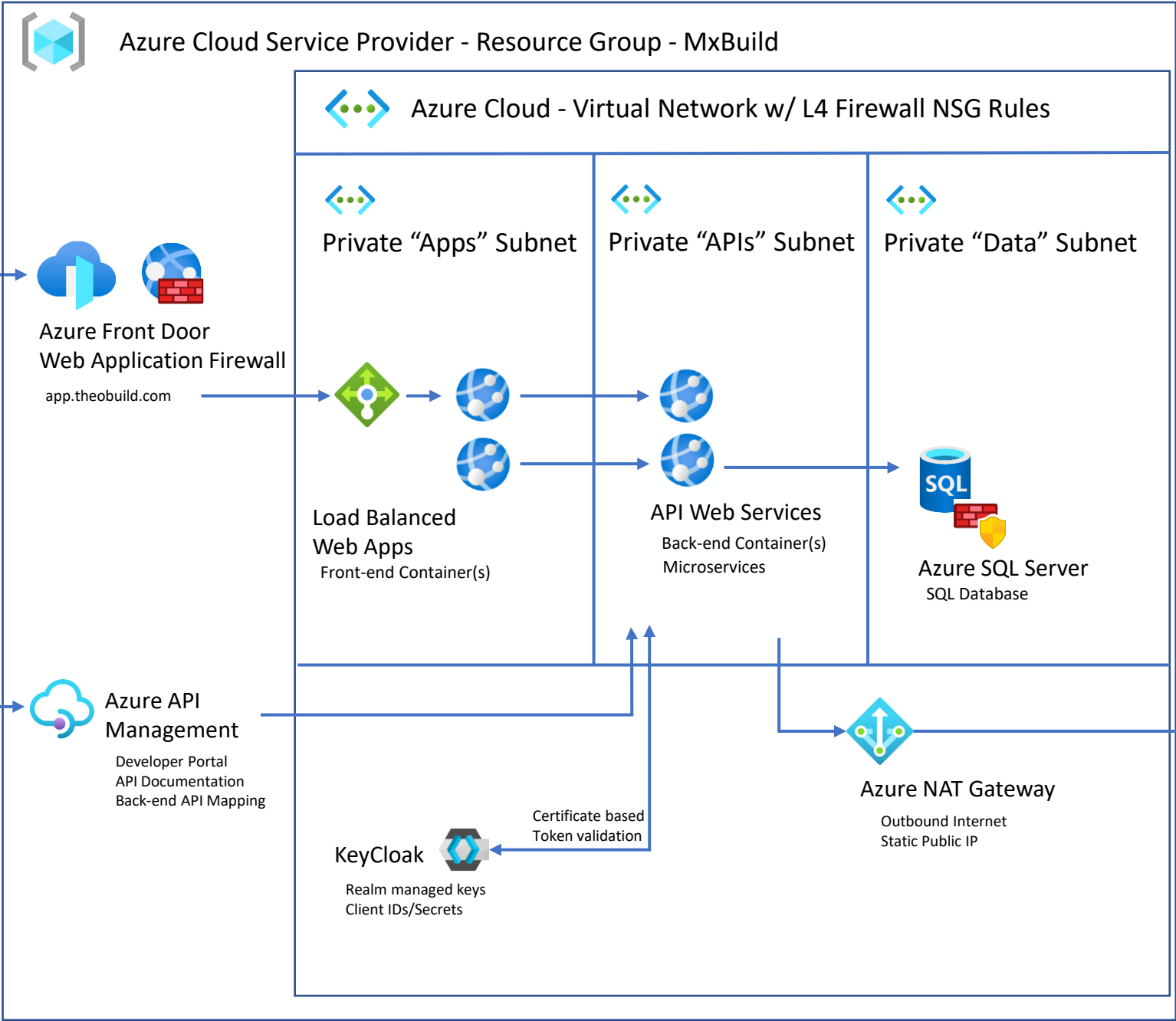
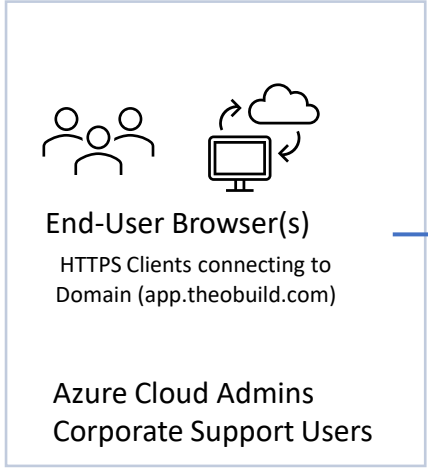


Log / Analytics:  
Sentry runtime error logs  
Long-term log retention



Azure Defender  
PCI Scanning of CDE

Internet



**Data Flow Diagram**  
**Integration Layers**  
MxBuild CDE Environment: **PROD**  
Last updated: **2023-10-06**

