

Microsoft Azure Front Door Service

Vishwanath Uppala Vishwanath.Uppala@valuemomentum.com Manisha Burle
Manisha.Burle@valuemomentum.com

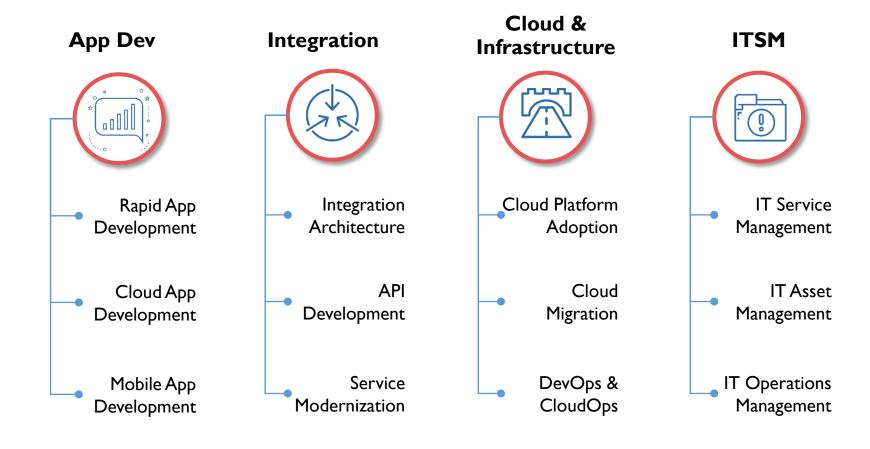




OUR DIGITAL & CLOUD SERVICES



Customers trust Value Momentum to rapidly deliver new experiences and stay competitive in today's digital-centric market.*



^{*}To learn more, please log on to <u>ValueMomentum – Digital & Cloud Services</u>



Features





Application acceleration at Microsoft's edge



Integration with App Services



Global HTTP load balancing with instant failover



Application layer security (WAF rules

@ Edge)



Massive SSL offload

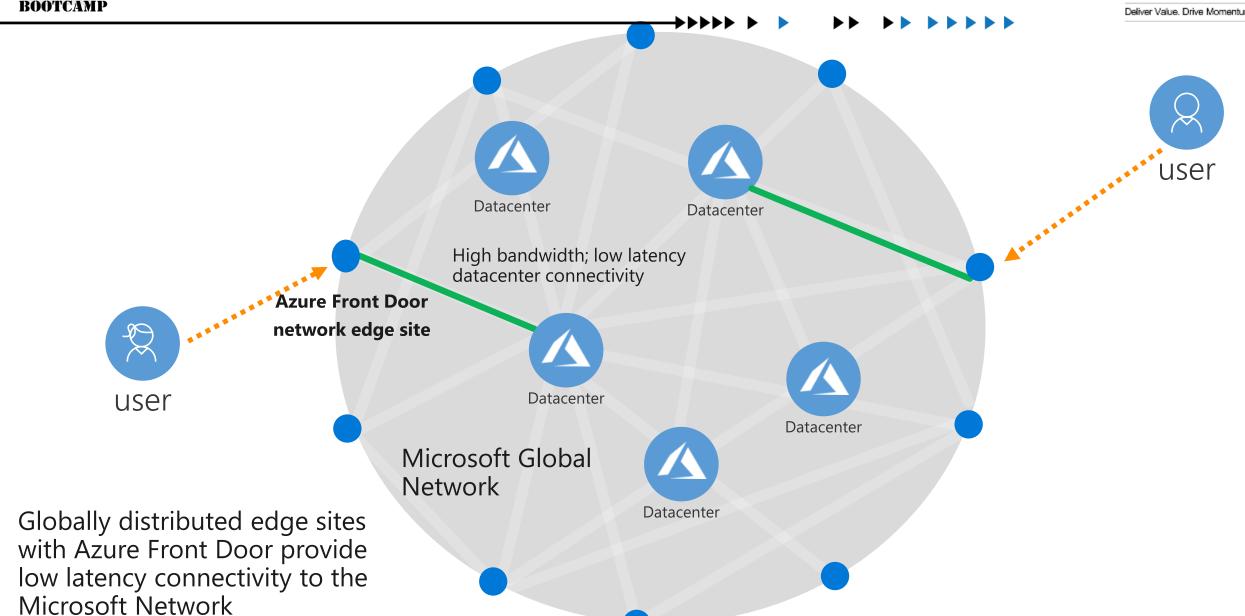


Integrated static content caching

Central application traffic dashboard

2019 Global application delivery with Azure Front Door Service



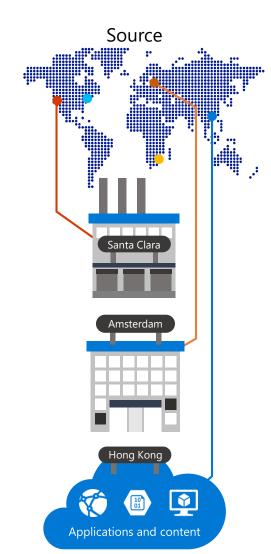




The value of Azure Front Door Service for app delivery







Connecting to the Cloud without Application Delivery Network (ADN)



Connecting directly to cloud services relies on "last-mile", unoptimized solutions to traverse global connections at high cost

Connecting to the Cloud with ADN



ADN serves as **distribution**, **routing**, and **logistics** to enable delivery and cost by **optimizing local and global connections separately**

Connecting to the Cloud with Azure Front Door Service



Front Door further enhances global connectivity for applications by using **Anycast** protocol and **Microsoft's Global network** thereby **guaranteeing higher availability and reliability while maintaining performance**

Destination

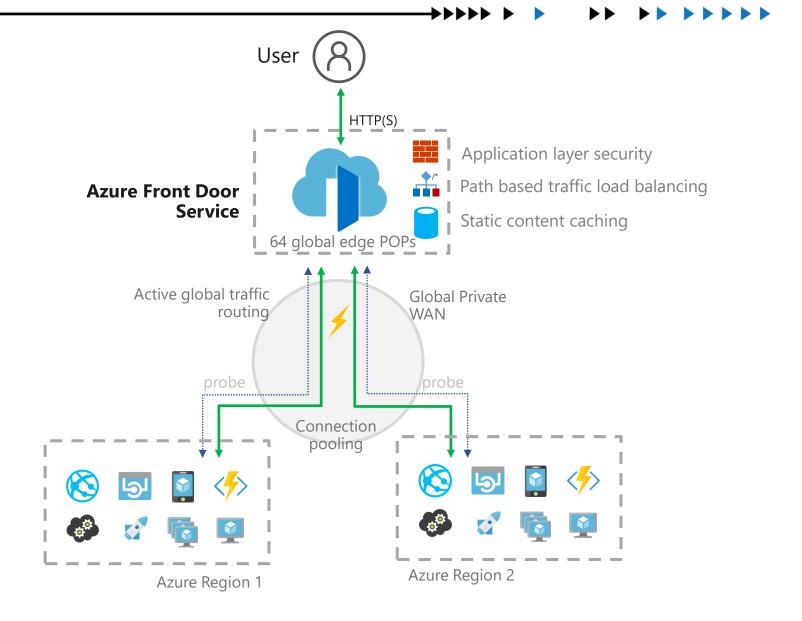






ARCHITECTURE

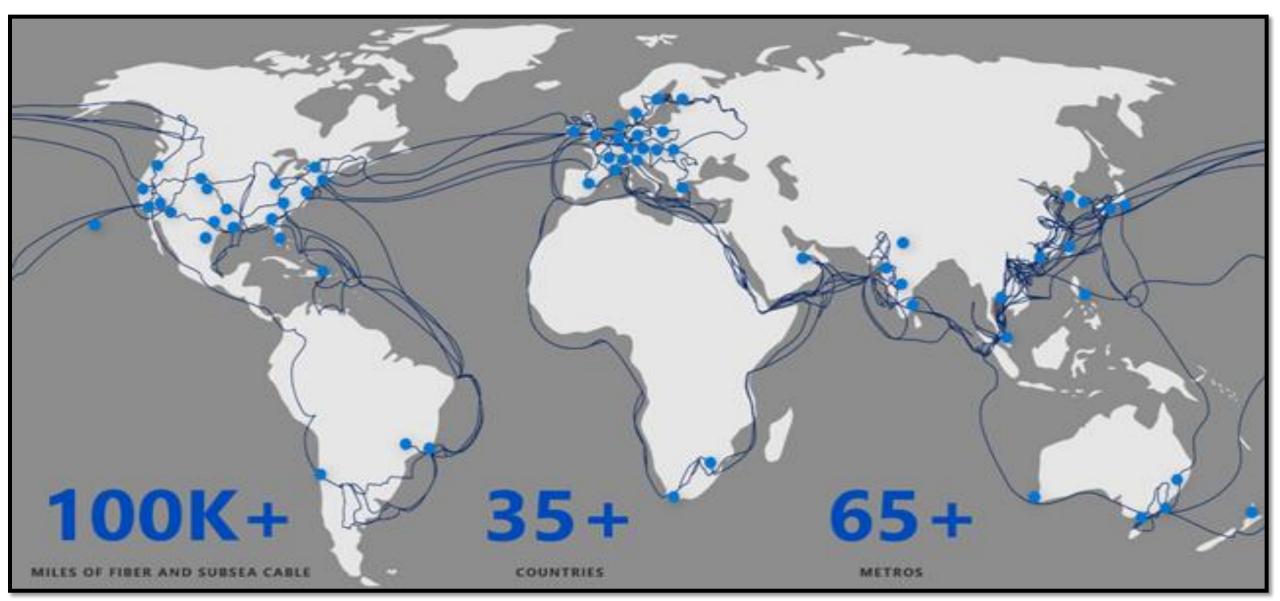




AFDS Global Coverage

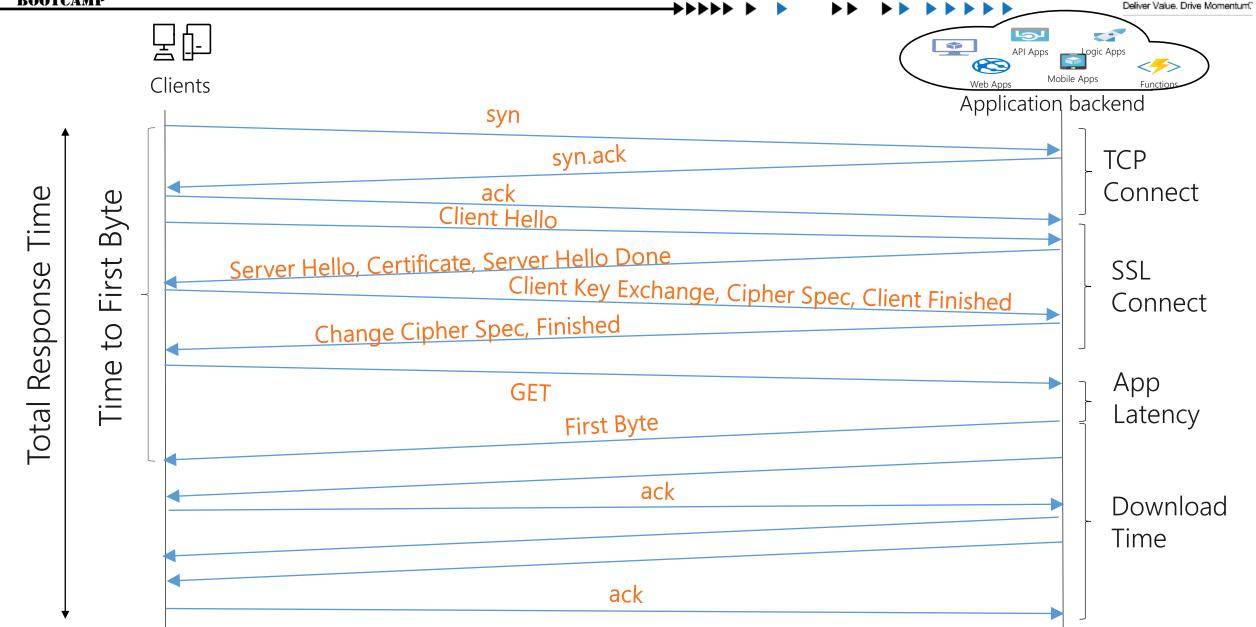






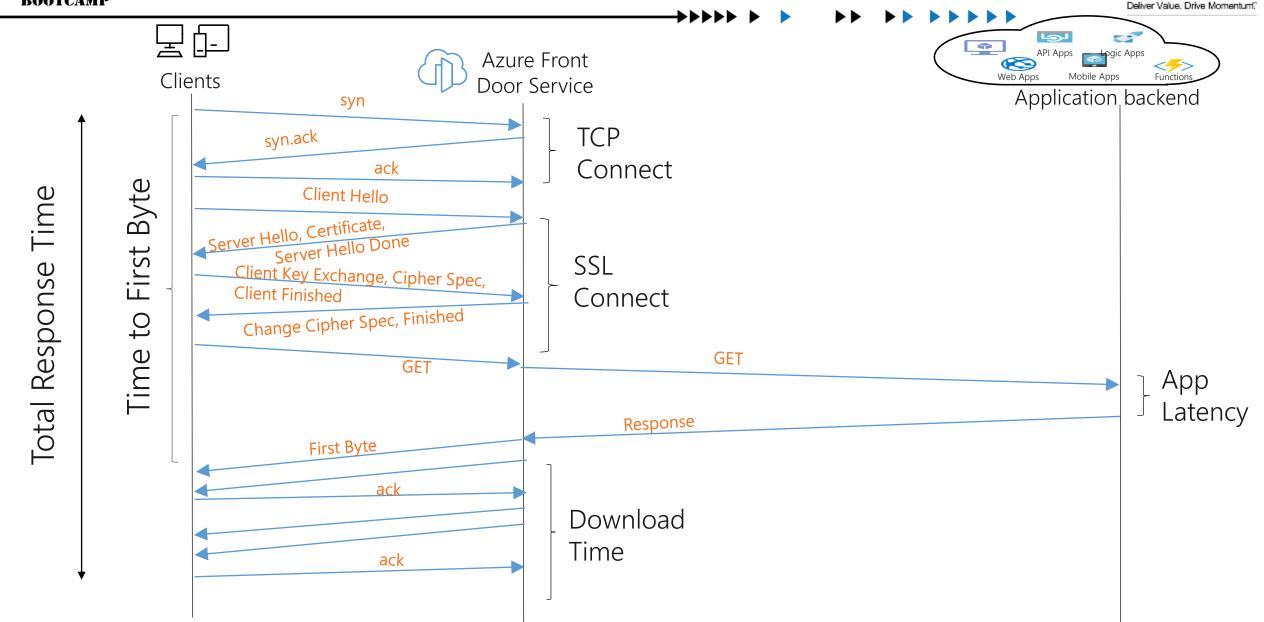
2019 Connection establishment and response





2019 Make your apps faster, reduce backend load!







2019 Azure Front Door application protection





Network DDoS protection

Custom http(s) access rules

❖ IP blacklists and whitelists

Rate limiting

Geo filtering

❖ Azure managed ruleset

Flexible actions



Comparison





- Http/Https
- ❖Independent Scalability
- ❖Inline Security(IP)
- ❖IP address never changes



Traffic Manager

- Any protocol
- On-premise-routing
- ❖Billing format(DNS)
- ❖IP address changes

Demo





- ❖ Azure portal-https://portal.azure.com/#home
- Web App South India-http://vamwebapp.azurewebsites.net/
- Web App Central US- https://vamwebappcentralus.azurewebsites.net
- ❖ FDS https://vamfdhost.azurefd.net



© 2016 Microsoft Corporation. All rights reserved. Microsoft, Windows, Windows Vista and other product names are or may be registered trademarks and/or trademarks in the U.S. and/or other countries. The information herein is for informational purposes only and represents the current view of Microsoft Corporation as of the date of this presentation. Because Microsoft must respond to changing market conditions, it should not be interpreted to be a commitment on the part of Microsoft, and Microsoft cannot guarantee the accuracy of any information provided after the date of this presentation. MICROSOFT MAKES NO WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, AS TO THE INFORMATION IN THIS PRESENTATION.