

Extend your datacenter to Azure securely expending a reliable and private, low latency connection, intended for your business.

Engage with BUI Azure experts to inaugurate the correct ExpressRoute provider, connection model, configuration, and design choices driving a successful deployment.



CHALLENGES

Regular big data ingestion to Azure resulting in massive ingestion costs.

Sensitive data that cannot be transferred via internet.

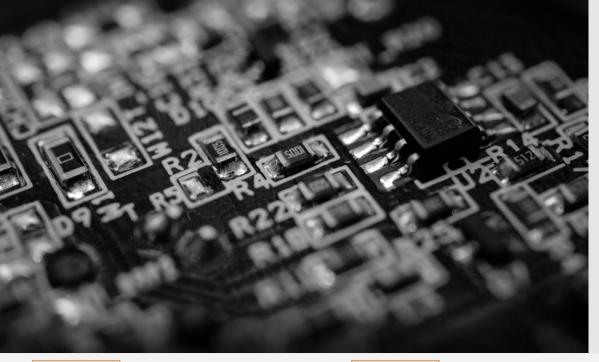
IDEAL SOLUTION

Direct stable and reliable data transfer from on-premises to Azure.

Secure and private connectivity to Azure.

DESIRED OUTCOMES

Enablement of ExpressRoute, using local providers ensuring local data residency, with enhanced security, stable connectivity and bandwidth.



BUI - Rapid ExpressRoute Implementation

BUI partners with the in-region ExpressRoute provider to determine the best architecture for your networking and connectivity needs, implementing your ExpressRoute private peering connection to Microsoft Azure.

This 1-week engagement includes the full configuration, validation and testing of a single* location/subnet peering to Azure.



Discovery

Engagement kick-off conference call.

Readiness assessment.

Deliverable:

Pre-requites decisions documented and remediation task list created (if applicable)



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Establish functional and peering location requirements through a series of workshops.

Low-level design.

Deliverable:

The low-level design parameters required to build the Azure laaS ExpressRoute configuration.



Execute on design – build & deploy.

Validation and testing.

Functional deployment.

Deliverable:

Functional express route to Azure.



Enable monitoring.

Complete operational handover.

Deliverable:

Ownership transfer complete.

Sensitivity: Business - General * Additional location peering can be provided outside of this engagement.

BUI leverages Microsoft ExpressRoute to deliver secure and private network peering with Microsoft Azure.

BUI developed a standard target architecture based on best practices that adheres to the following agreed principles:

- No single point of failures in the Azure ExpressRoute target architecture.
- Network traffic is isolated and load-balanced when needed.
- Microsoft best practices and reference architectures referenced and adhered to.

As an Azure Expert MSP BUI combines expertise with best practices to provide a streamlined and well architected private network connectivity into Azure.



Layer 3 Connectivity

Layer 3 connectivity between the on-premises network and Microsoft Azure through a connectivity provider. Connectivity can be from an any-to-any (IPVPN) network, a point-to-point Ethernet connection, or through a virtual cross-connection via an Ethernet exchange.

2 Regional Connectivity

Private connection to Microsoft Azure across all regions in the geopolitical region.

3 Global Connectivity

Global connectivity to Microsoft services across all regions with the ExpressRoute premium add-on.

Dynamic Routing

Dynamic routing between your network and Microsoft via BGP.

Built-in Redundancy

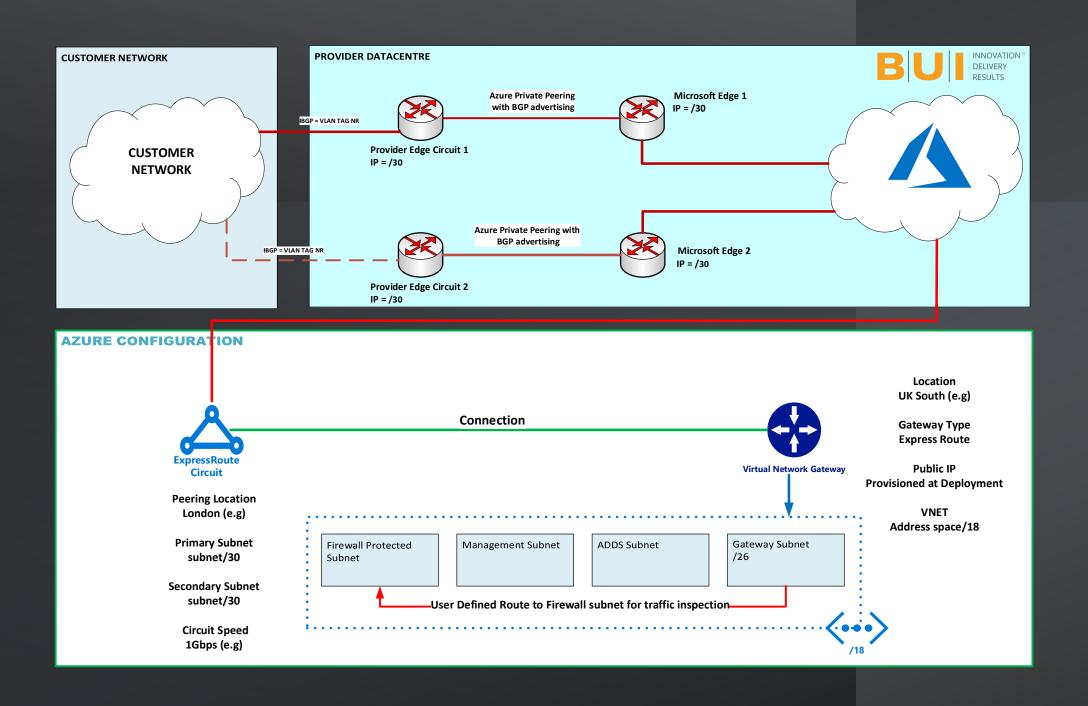
Built-in redundancy in every peering location for higher reliability.

Service Level Agreement

Connection uptime SLA of 99 – 99.95% with service credit if not achieved.

Easy Payment Options

Consume on you existing agreements – ExpressRoute consumes Azure through all billing platforms - EA and CSP.





LET'S TALK

Engage with the BUI Sales Executives to book your Rapid ExpressRoute Deployment.

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