

Azure Extend

True hybrid cloud extension

Extend your subnets into the Azure Public Cloud



Create location agnostic hybrid applications.

By extending your existing Layer-2 network into the cloud over Layer 3, it no longer matters where your servers are based. Your web or application servers can be moved to Microsoft Azure, where uptime and elasticity is paramount, while sweating your current database assets on premise.



IP Mobility.

With traditional addressing architectures, a device needs a new IP address each time it changes networks. Therefore, if a virtual machine (VM) is migrated to another data center or cloud or even another physical server in the data center, the device or object may require a new IP address. Assigning a migrated VM a new IP address means that all other services attached to the VM -- firewalls, load balancers and so forth -- won't be able to "find" the VM until an administrator re-configures them with the new address. And if an application and database use an IP address to "find" each other, a network change requires application changes as well. Our solution allows a node to keep the "same" IP address even when its location changes!



Simplify your Cloud migration strategy.

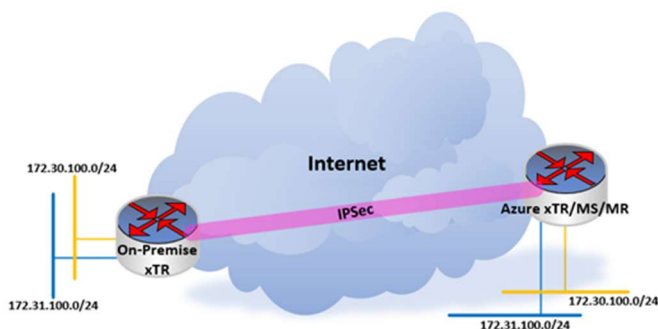
Migrate servers in your time, while continuing to use your existing network ingress/egress point. When you are ready, flip the switch and complete the move. Our migration services can make it even easier when rolled into a managed service.

Your hybrid cloud extension comes with managed services from Australia's most recommended service provider*. Managed Azure from Macquarie Cloud Services frees you, your team, and the rest of your resources to focus on the things that matter most. That means more time for development and less time worrying over cloud operations. Protect your customers with rock-solid compliance and security. And avoid spiralling cloud costs.

Managed Azure from Macquarie Cloud makes it all hassle-free.

Service Summary

Feature	Benefit	Azure Extend Destination	Azure Extend Source
Cloud Agnostic	Extend your subnets into public cloud for a truly hybrid network	Azure	Customer environments
Hybrid cloud	VMs may move between Azure and customer premise without IP readdressing	Azure	Customer environments
Encapsulated service	A client's own network zones, IP ranges and naming conventions are extended into the Azure public cloud	Destination	Source
Hypervisor agnostic	The network virtual appliance can be installed on major hypervisors.	Any Azure region	<ul style="list-style-type: none"> VMware vSphere 6.5+ Hyper-V 2016 +
Disaster recovery and Geo-redundancy	Reduces risk by integrating networks across different geographic regions across Australia.	Any Azure region	Any client IP application site located in Australia
Bandwidth options	Match requirements to throughput required – from 10Mbps to 1GBps	Per appliance pair	
Service Provider Licensing	Macquarie offers flexible, burstable service provider licensing by the month	Per appliance	
Managed Service	Firmware upgrades, logging, monitoring, alerting, troubleshooting, reporting is included in the service.	Per pair	
Flexible topology	Customers may choose to connect multiple platforms in either hub-and-spoke topology or full-mesh.	Per solution	



Macquarie Cloud Services. Delivering Australia's most-recommended specialist colocation, Public, Hybrid and Private Cloud solutions with the technologies and partners you already know and trust.

Want to know more? Call 1800 004 943. Visit macquariecloudservices.com

*Net promoter score +84; <https://macquariecloudservices.com/customer-experience/>; independently audited Matrix CX Mar18.