



5GN CLOUD



Modernise your IT systems and digitise your business leveraging the control, flexibility and security of the 5GN National Private cloud.

Host and deploy your business critical applications on a platform designed to securely support performance, agility, streamlined management and reduced complexity underpinned by a 24/7 Australian based service centre.

Parameter	Details
National Private Cloud	Cloud locations <ul style="list-style-type: none"> Melbourne, Sydney and Adelaide
Choose your Cloud Computing Model	IaaS (Infrastructure as a Service) PaaS (Platform as a Service) SaaS (Software as a Service) CaaS (Containers as a Service)
Cloud Control Suite	<ul style="list-style-type: none"> Monitoring & Alerting Analytics Orchestration and Automation Cloud Formation Self-Service Product catalogue Security & Governance vCenter Management
Public Cloud Integration	Integration and elastic provisioning into major public cloud vendors <ul style="list-style-type: none"> Azure, AWS, Alibaba
IaaS: Virtual Servers & Compute	Virtual Servers built to your custom specification <ul style="list-style-type: none"> vCPU Memory (GB) Storage (GB) Network (Mbps) vGPU Autoscaling Snapshots
IaaS: Storage	<ul style="list-style-type: none"> SSD/SAS/SATA Meet any IOPS or throughput demand
IaaS: Network	<ul style="list-style-type: none"> Virtual firewall Virtual router VPN: Point-to-Site, Site-to Site Netflow packet capture OSPF Load balancer
CaaS (Containers as a Service)	Manage and deploy containers to deliver business critical services <ul style="list-style-type: none"> Kubernetes Docker Rancher

Parameter	Details
Cloud Managed Services	<ul style="list-style-type: none"> Managed VM Essentials <ul style="list-style-type: none"> Anti-virus, Patching, SOE Management Managed Platform Essentials <ul style="list-style-type: none"> DBaaS Web Managed Application Essentials <ul style="list-style-type: none"> SLAs and SLTs for end-end application management Managed Network Essentials <ul style="list-style-type: none"> Firewall, router, switches, Custom Network Appliances
Cloud Professional Services	<ul style="list-style-type: none"> Cloud Migration Data Migration System integration Public Cloud – AWS, Azure, Alibaba Embedded Engineers DevOps <ul style="list-style-type: none"> App dev Web dev Mobile Dev UI CI/CD
PaaS: Managed VM Essentials	- Anti-virus, Patching, Backup, SOE Management
PaaS: Managed Platform Essentials - Database as a Service (DBaaS)	<ul style="list-style-type: none"> Microsoft SQL Platform shared or dedicated MySQL PostgreSQL Trove
PaaS: Managed Platform Essentials – Web Platform as a Service	<ul style="list-style-type: none"> IIS, Apache PHP
DRaaS (Disaster Recovery as a Service)	Disaster recovery option to national private cloud or public cloud
Security	<ul style="list-style-type: none"> IDS (Intrusion Detection System) IPS (Intrusion Prevention System)
Managed Backup	<ul style="list-style-type: none"> Long term retention Multi cloud backup. Retire tape infrastructure Encryption at rest & transit Compliance reporting and remediation

Other solutions to consider	5GN Managed Public Cloud, Data Centre Services, Premium Ethernet
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