



Product Brief

IBM Cloud Managed Services with AT&T NetBond

Bring business-critical workloads into the cloud

Your mission-critical workloads require the highest levels of performance and security, so the thought of delivering your private information via the public Internet may cause you to put your cloud initiatives on hold. You could build your own internal cloud, but that can be a lengthy, labor-intensive process.

IBM Cloud Managed Services with AT&T NetBond delivers the best of both worlds: The scalability, ease of use and speed benefits of multi-tenant cloud, combined with the enterprise-grade security, performance, data availability and control of a private cloud.

With this fully managed hybrid solution from two trusted companies, you can think less about data protection and more about how the cloud can transform the way you deliver services to your organization.

Extend the Security of your VPN

IBM Cloud Managed Services with AT&T NetBond unites the multi-layered security of AT&T MPLS private network with the security features of an IBM cloud.

Instead of using the public Internet to transport data, this "cloud-within-the-network" architecture has been integrated into the AT&T VPN backbone. This means your private network extends directly into the IBM cloud platform, which helps to alleviate many of the security and complexity barriers of other cloud environments.

The enterprise-grade security benefits of the service include:

Centralized routing control

AT&T's proprietary Intelligent Routing Service Control Point technology directs traffic to private cloud resources on virtual machines for separation of customer environments.

End-to-end protection

Multi-layered protection from cloud resources, to the application, the network and user devices. Supports consistent security policies throughout the environment for comprehensive compliance. Applications and data are delivered via the VPN, decreasing the risk of DDoS attacks and similar Internet-facing threats.

Decreased cost and complexity

With this integrated solution, you can take advantage of your existing private network infrastructure and investments. There is no need to add new routers, bandwidth or staff to manage these resources. Instead, the IBM cloud becomes another endpoint on your private network.

Built for Production-Level Workloads

IBM Cloud Managed Services with AT&T NetBond can be ideal for mission-critical applications and data. With a direct connection from your private network to the IBM computing platform, you can also have the enterprise-class performance you need without worrying about the latency issues of a public Internet connection.

Potential Benefits

- Private network security extended to the cloud computing platform
- Performance and availability for production-level workloads
- A fully managed cloud service reduces complexity
- Coordinated, on-demand scaling of network and computing resources
- Multiple security zones provide greater flexibility to isolate workloads in the cloud
- Single vendor accountability

Features

- An integrated "cloud in the network" architecture
- Automated and centralized routing for data privacy
- Monitoring and management of the network, virtual machines and OS
- Dynamic, automated network management and resource allocation
- Clustering to help increase availability
- Support for new Active Directory environments
- Optional database monitoring/management, and backup and restore
- A monthly fee for cloud services

To learn more about IBM Cloud Managed Services with AT&T NetBond, visit www.att.com/netbond or [have us contact you](#).

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Since many enterprise workloads demand the highest uptime and availability, our performance SLAs extend across the infrastructure, to the virtual machines and the OS layer. There are four SLA packages to choose from, so you can select the option that best suits the requirements of specific applications and workloads.

A Fully Managed Cloud Service

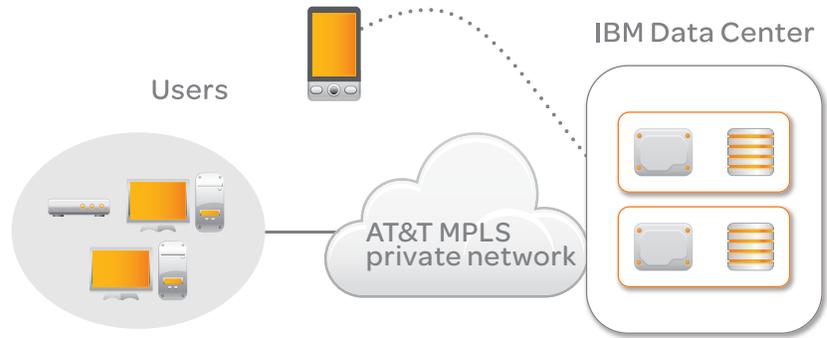
While cloud services reduce capital equipment and deployment costs, this fully managed service can also decrease the cost and complexity of IT management by providing:

Ongoing monitoring and management

We monitor and manage the infrastructure, as well as the virtual machines and the operating system layer. This includes patch management, OS-level security and compliance, anti-virus protection, network intrusion detection and managed back-up and restore. Or, if you prefer, we can support unmanaged virtual machines, which allows you to self-manage workloads while still benefiting from fast provisioning.

ITIL-based service management processes

For improved governance and control, we provide asset and configuration management; event, incident and problem management; change and service request management.



Provide users with direct connections into the cloud via your highly-secure VPN.

Self-service tools

Gain visibility into your cloud environment with easy-to-use, web-based management tools.

Resources On Demand

Simplified provisioning

With an integrated and tested cloud solution that uses your existing VPN, it can be easier to optimize existing workloads in the cloud or to bring new solutions to the business. You can use the web portal to request more or less computing capacity instead of worrying about over- or under-provisioning and the performance and availability problems that can result.

Scalability

When an unexpected change occurs, such as a flood of web orders, network resources can flex dynamically in tandem with the compute resources provisioned to keep service levels high.

Single Source Simplicity

Now you can employ the cloud expertise of two industry leaders in a single, fully managed solution as you move your production-level workloads into the cloud.

We even offer migration services to quickly and cost effectively move your cloud-enabled workloads for you. Our skilled resources and tested methodologies enable the rapid and efficient virtual migration of work loads into the IBM cloud environment. This eases demands on your IT staff while helping to ensure a successful migration.

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