

Tech

# Your Go-To Guide on The Cloud and Network Management

🕒 4 days ago    Tracy Nevia



Cloud technologies are transforming the way companies do business. Within the next 5 years, it is estimated that **65% of enterprise businesses will have** adopted the cloud.

Are you Interested in knowing what cloud and network management can do for your business? Look no further as this article will explain everything you need to know.

## What is the Cloud?

First, let's talk about what exactly the clouds is.

"The cloud" refers to a network of servers that provide software and services over the internet, as opposed to through a local computer network. Cloud servers are hosted globally. This means they can be accessed anywhere from any internet-connected device.

## What is a Cloud Network?

A cloud network is an Information Technology (IT) infrastructure that hosts networking resources using a cloud-based technology platform. Networking resources include things such as routers, firewalls, bandwidth, and more. Cloud networks can get managed in-house or by a third-party organization.

Cloud networks are either public, private, or hybrid. Companies that use public cloud networks share data and resources with the public. Companies that use private cloud networks share data and resources internally. Hybrid cloud networks allow resources to get shared between both public and private cloud networks.

## Network Management for the Cloud

Cloud networks have a degree of complexity to them and require constant monitoring and maintenance. This is where network management comes in.

Network management is the use of protocols, procedures, and other methods to operate and maintain IT networks. On-site networks like servers, switches, routers, and wireless access points. For cloud-based networks, network management is taken care of off-site by a third party.

## What Does Cloud Network Management Offer?

Cloud network management has several components. Let's go over two of the most important components.

### Cloud Provisions

One of the main responsibilities of cloud network management is cloud provisioning. Cloud provisioning is the process of deploying and integrating cloud resources and services within a company's IT infrastructure.

There are three types of provisioning. They are dynamic, user, and advanced provisioning.

Dynamic provisioning allocates cloud resources to customers. User provisioning allows users to add devices to the cloud network. Advanced provisioning is a contract-based, pay-to-play cloud resource allocation.

### Security

DDoS attacks and data breaches can cripple businesses. Your cloud network devices require a constant connection to the internet, which also makes them a constant target for these attacks.

With cloud network management your devices are safe. Network management provides constant monitoring and real-time updates on the status of your devices.

### Just Scratching the Surface

While these components are very important for cloud network management, they are by no means the only components that matter. Take a [look here](#) for more on what network management services can offer your business.

### Take Advantage of Network Management Today

The cloud is the future of how businesses will conduct their operations. As such, network management systems are the key to maintaining your business with the cloud. If you're considering upgrading your business with the cloud, pair it with network management with services.

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Tracy Nevia

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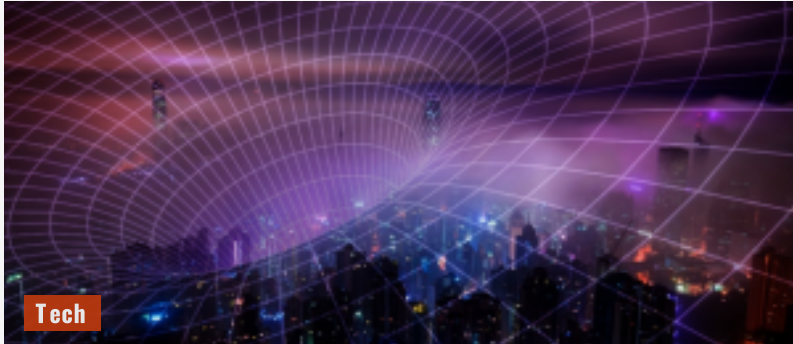
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