

On-Premises and the Cloud

A Day in the Life of Two Unique Environments

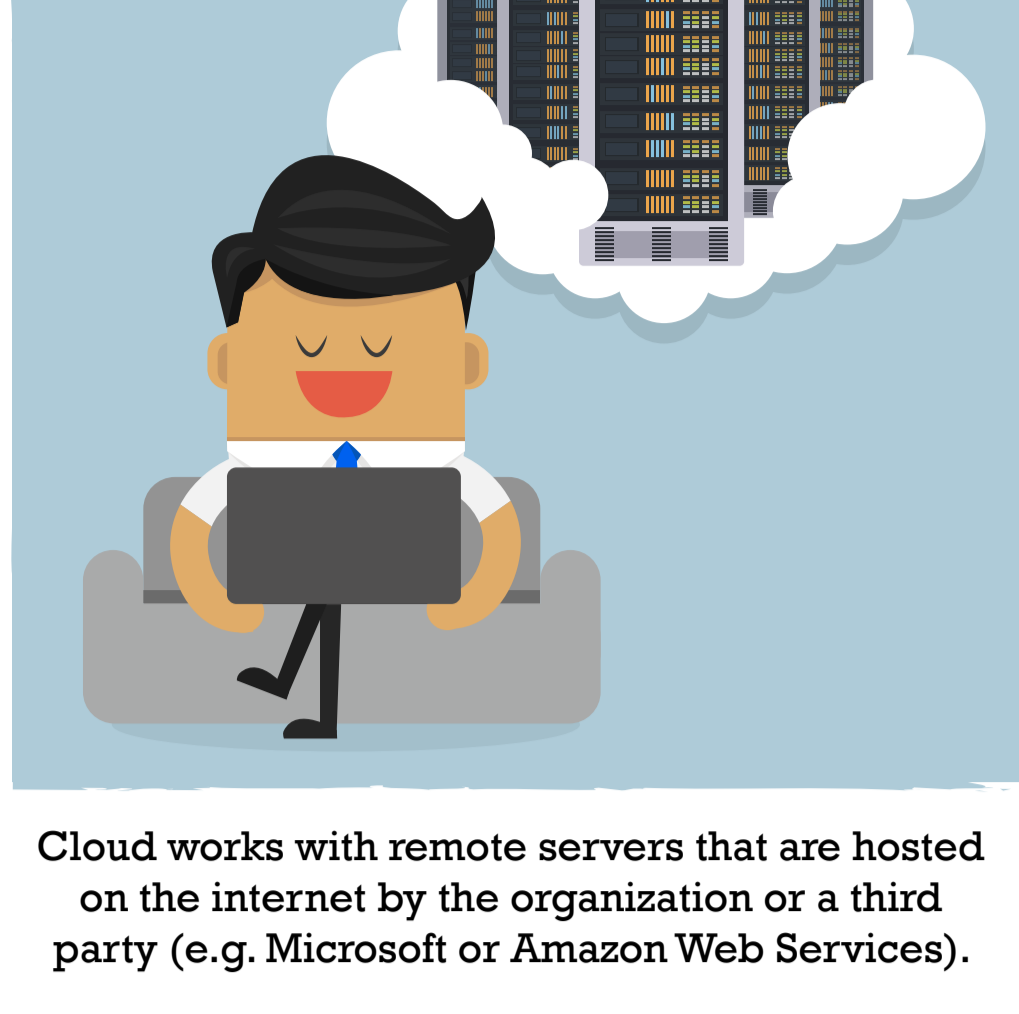
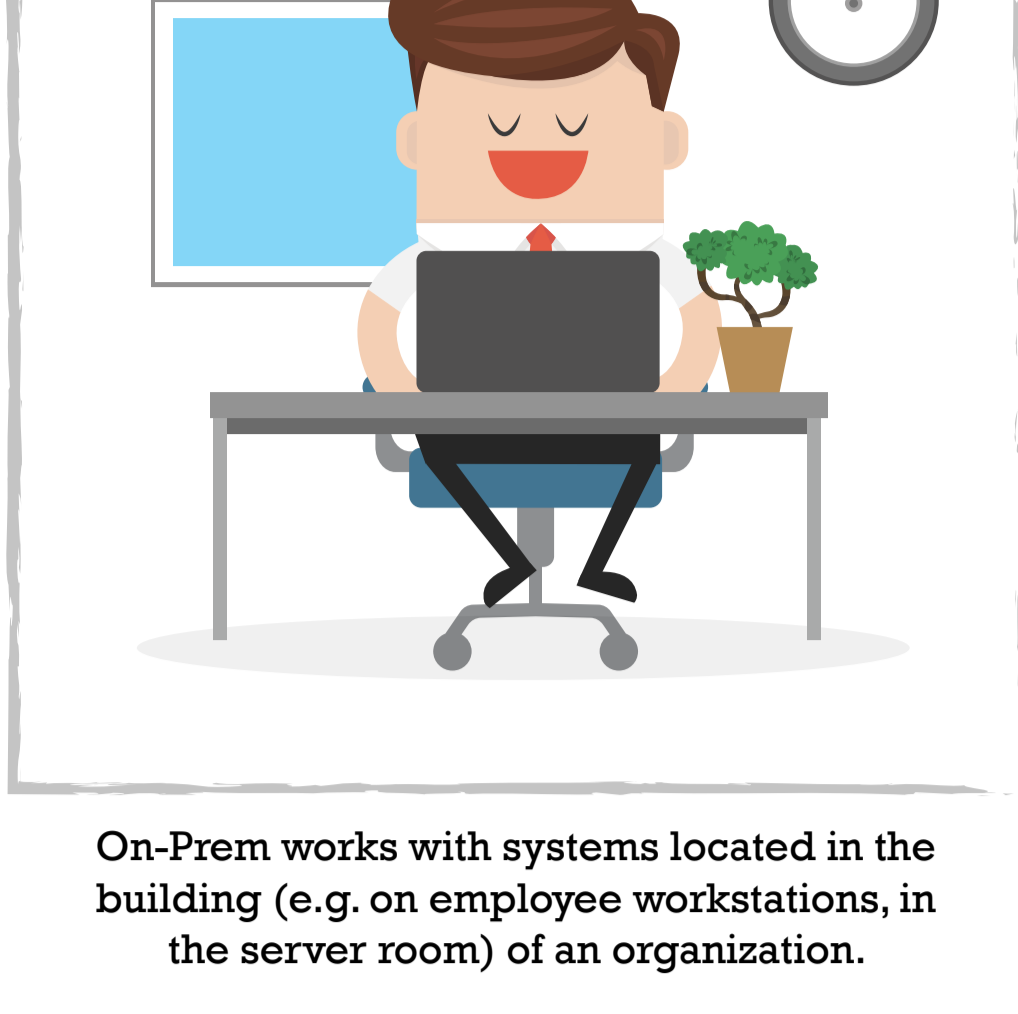
How do on-premises and cloud environments differ?
Follow a day in the life of each to find out.

This is On-Premises
(but his friends call him On-Prem)

This is Cloud



What Does He Do?



On-Prem works with systems located in the building (e.g. on employee workstations, in the server room) of an organization.

Relevant work processes are performed in-house, without the inclusion of remote or cloud facilities.

Cloud works with remote servers that are hosted on the internet by the organization or a third party (e.g. Microsoft or Amazon Web Services).

Cloud's remote servers can be located worldwide and are used to store and manage an organization's data.

His Software Spending Habits

CAPITAL

OPERATIONAL



On-Prem often uses a capital expenditure to fund his activities. He prefers to buy reliable solutions upfront and know exactly what he's spending.

Cloud often uses a "pay as you go" method to fund his activities. He appreciates the economical, low-entry-point advantage over a long-term investment.

What He Does Every Day



On-Prem's organization relies on his expertise and innovation to keep things running.

Cloud's organization relies on his expertise and innovation to keep things running.

His daily responsibilities include:

- Accessing information stored on local servers
- Processing data using in-house methods (file transfer software or manual scripts)
- Ensuring strict compliance with federal and state-level regulations
- Collecting and reviewing daily user activity
- Working with several team players to get the job done on time
- Designing and maintaining the local network infrastructure and equipment

His daily responsibilities include:

- Accessing information stored on internet-based servers
- Processing data using cloud-deployed or cloud-based applications
- Ensuring strict compliance with federal and state-level regulations
- Analyzing logged cloud activity
- Setting permissions for cloud storage buckets and folders
- Quickly deploying new code, databases, and cloud applications
- Monitoring internet bandwidth to ensure data can move freely between applications

On-Prem is proud of his:

- Complete control over everything
- Easy integration with existing processes
- Customizable development
- Freedom to keep data private for certain regulations (e.g. FISMA)

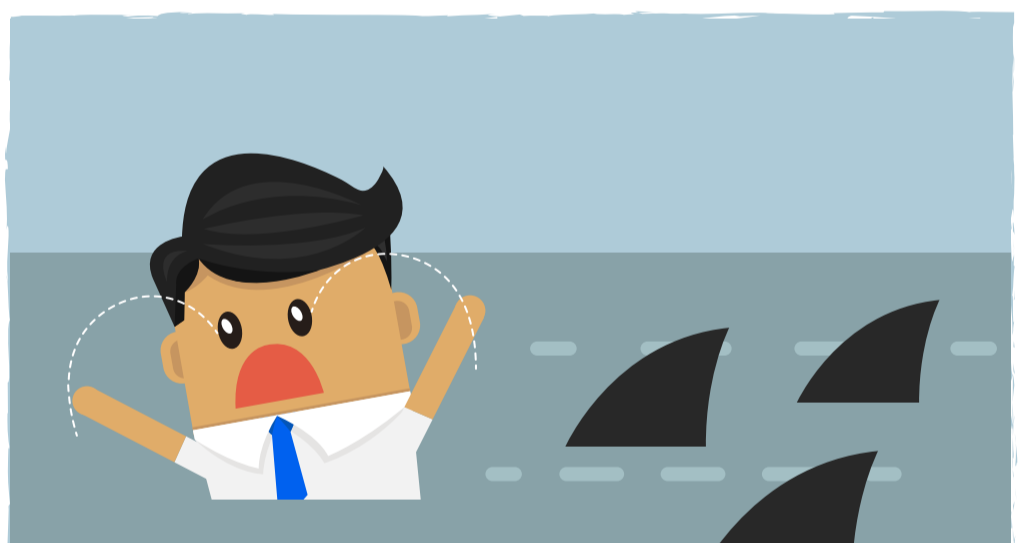
Cloud couldn't live without his:

- Ability to scale
- Fast, controllable upgrades
- Lower energy costs
- Simple setup and implementation

But sometimes, for both of them...



When it rains, it pours.



On-Prem faces many hurdles during his day-to-day routine.

Cloud has his own challenges, many of which aren't easily solvable.

He struggles with:

- The cost of keeping things running
- The possibility of equipment failure
- Weak or outdated security policies
- The time commitment needed for software updates and implementation
- Having limited space for new hardware

He struggles with:

- The chance of increased monthly pricing
- Expensive support and no dedicated help
- Having limited control over his data
- Having little insight into the vendor housing his information
- Internet connectivity downtime
- Securing sensitive data and public-facing databases

Similar struggles for both of them...

- Thoughtless or renegade employees
- An incomplete Data Breach Incident and Response plan

But with teamwork, On-Prem and Cloud can be powerful allies.



On-Prem and Cloud may have their differences, but they also have advantages that make them powerful allies. In fact, for a majority of organizations, On-Prem and Cloud work together in a hybrid environment to achieve:

robust security practices

healthy environment

encrypted data

simplified workloads

Whether you're more like Cloud or On-Prem...

We all want the best for our data.



Technology has transformed the way businesses do many things, from securing critical information to automating processes and managing documents and policies. Implementing the right solutions in your organization can help you oversee these operations in a way that fits your goals and budget.

For file transfers: Safeguard your data in transit and at rest with a secure file transfer solution like [GoAnywhere MFT](#).

For policy management: Simplify security policy creation, security administration, and compliance reporting with a solution like [Policy Minder](#).

For high availability and disaster recovery: Maintain your business continuity and maximize uptime with a solution like [Robot HA](#).

For document management: Manage all documents and data with a complete electronic document management system solution like [Webdocs](#).

[Explore Other Business Solutions](#)

Further Reading

- [Using Managed File Transfer to Secure Your Cloud Data](#)
- [3 Reasons You Need an Updated Security Policy](#)
- [2017 Data Breach and Incident Response Plans](#)
- [3 Signs You Should be Storing Documents in the Cloud](#)
- [Network Monitoring Tips for Hybrid IT Environments](#)

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