HARDWARE PROCUREMENT ON-PREMISES VS INFRASTRUCTURE AS A SERVICE CLOUD

SPEED TO MARKET

On-premises solutions could delay your speed to market due to time spent procuring and provisioning IT infrastructure and/or time spent hiring expertise to manage and maintain your systems.

The cloud allows organizations to decrease the time it takes to provision IT infrastructure, speeding delivery of IT projects that are critical to revenue growth or cost reduction. While a physical server could take days or weeks to procure and provision, a cloud server takes minutes. Faster time to market means faster time to revenue.

SECURITY

On-premises solutions provide the greatest security for a business as complete control of the data resides in house. However, both network and physical security are likely to be more vulnerable than a hosted solution.

IaaS solutions provide the highest level of access security as they are provisioned in highly secure data centers and controlled with strict access policies and procedures, including policies that address physical security, cloud security, and includes encryption, backups and disaster recovery. IaaS can also meet compliance mandates, such as PCI-DSS and HIPAA, and check for certifications such as the ISO 27001.

SCALABILITY

With on-premises solutions, additional increases in capacity may require purchases to be made up front. The capabilities for short-term capacity increase can be difficult or impossible to achieve without the required capital expenditure.

With cloud, resources are available when you need them. You can respond immediately to dynamic spikes in demand, such as seasonal peaks, without increased capital expense, by allocating cloud resources as needed and releasing them when demand subsides.
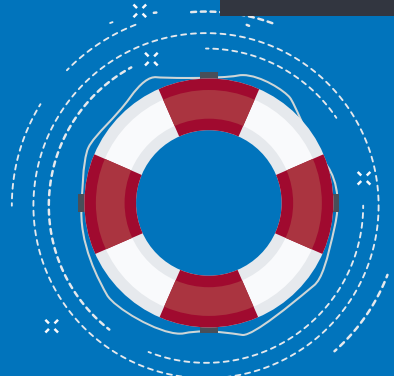
COST

On-premises solutions consist of capital expenditures, where the organization is required to make a significant upfront investment to procure hardware, software, and implementation expertise. In addition, hardware becomes obsolete very quickly, and updates between upgrade cycles could be ignored due to lack of budget.
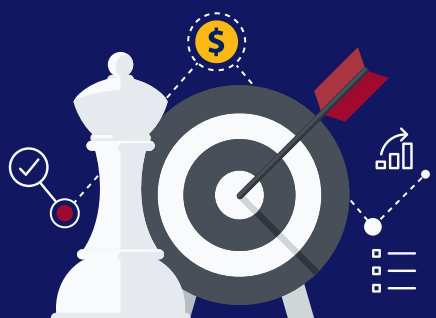
With IaaS, businesses are able to shift from a capital expenditure model to an operating expenditure model and pay only for what you use, when you use it in the cloud. In addition, the cloud allows organizations to leverage dedicated infrastructure that is in a continuous state of upgrade. Service providers ensure that the hardware is providing the best performance to your business and often back those claims with high SLAs.

MAINTENANCE

The increasing complexity of servers, storage, and software requires that the customer invest in a highly skilled internal support team. The day-to-day focus of managing IT operations is cumbersome and shifts focus from more strategic business initiatives.

The time IT spends managing and supporting cloud infrastructure is reduced greatly compared to that seen in an on-premises environment. Free up IT resources to focus on more strategic projects that drive value to the business.

What is your cloud strategy? Public, Private or Hybrid? OneNeck can provide the complete solution for your cloud journey. You will need a solution that brings public cloud and private cloud capabilities seamlessly together. Why should you compromise how you manage and consume cloud services? You know that a one-cloud strategy doesn't fit every one of your workload's needs.

OneNeck understands that any one flavor of cloud should only be one part of a bigger hybrid cloud approach. We can help optimize your workloads across customized hybrid solutions that span on-premises, ReliaCloud® (OneNeck's hosted private cloud) and Microsoft Azure.

Contact us today at **OneNeck.com**

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