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MODERNIZING YOUR DATA AND APPLICATIONS

As organizations embark on the next chapter in their digital transformation journeys, they must bridge business and IT to maximize productivity. In a hybrid, multi-cloud world, enterprises are evaluating how as-a-service technology can minimize IT complexity and put application modernization in motion.

As-a-service models provide the agility of the public cloud, but with the security of on-premises infrastructure. They deliver scalability, self-service functionality, and centralized IT control. The as-a-service model means infrastructure can reside in your own environment or is hosted at a colocation facility. This enables enterprises to gain a cloud experience across their on-premises data centers, at the edge, in a hybrid setting, and in multi-cloud environments.

This new approach to IT plays a vital role in ongoing digital transformation efforts. How can an organization digitally transform if its data is split into disparate silos and its applications are unable to integrate? The as-a-service model is seen by many as an essential preparatory step for true digital transformation.

Here are three of the top reasons why modernization of data and applications is so vital:

1 DATA FUELS EVERYTHING

In an as-a-service environment, on-prem and cloud data are pooled into one integrated platform. This kind of data-driven modernization facilitates greater data sharing and enhances collaboration. It enables BI and analytic apps to arrive at insights faster as the enterprise has a single source of truth. Instead of the data disarray that is so common among on-premises and cloud information siloes, unified data unlocks its true value.

2 COST MODELS ARE CHANGING

The old, on-premises procurement model is gradually disappearing – and with good reason. According to Futurum Research, 67% of organizations overinvest in storage solutions to avoid the risk of running out of capacity. This is an expensive way to do business. It is also slow. Once IT has developed its capacity forecast for the coming year – inaccurate though it may be – it engages in researching, evaluating, selecting, financing, ordering, and deploying the necessary technology. This has always been a months-long endeavor. But current supply chain woes mean even longer procurement cycles due to the lengthy lead times that now exist for equipment such as networking switches and storage arrays.

Instead of overloaded IT staff carrying the burden, the service provider takes care of everything: Assessing both immediate and projected capacity needs; supplying and installing all the gear; and adding a buffer or reserve capacity that is available instantly should demand spike or to accommodate rapid organizational growth. The pay-as-you-go model eliminates inflated budgets due to overprovisioning. The organization receives the amount of IT resources it needs at the time it needs them. This also makes it far easier to develop and launch new applications, whether on-premises or in the cloud.

③ IT SKILLS GAPS CAN IMPACT PROGRESS

Skilled IT staff are becoming harder to come by. Those that can afford them are forced to pay high rates. Bidding wars are common for scarce resources in security, cloud development, and IT architecture design.

The *Skillsoft IT Skills and Salary Report* noted that 76% of IT organizations face critical skills gaps. The *InfoSec IT and Security Pipeline* survey revealed that 92% find it very difficult to fill open cyber security positions – a CIO or CISO now commands a salary of $170,000 and above. The recruitment battleground has gotten so intense that CISOs, Chief Security Officers, and other high-ranking executives in IT and security now change jobs faster than ever. The average tenure is down to less than two years, according to a study by *CyLumena*.

Lack of IT talent, therefore, can seriously impede any organizational plans to modernize data and applications. The seamless IT experience provided by the on-prem cloud services model has been designed to overcome IT skills shortages. The as-a-service experience eases staffing challenges, while speeding the delivery of IT services. The cloud services provider has the expertise on hand to address any performance, security, capacity, or cost issues. Their advisors have taken businesses through thousands of successful cloud and as-a-service deployments.

✓ THE ON-PREM CLOUD-BASED AS-A-SERVICE MODEL

The as-a-service model means infrastructure can reside in your own environment or hosted at a colocation facility while providing the functionality of the cloud. Cloud-native applications can exist side by side with legacy or highly sensitive applications. Everything is operated, managed, and controlled centrally and securely. This enables enterprises to gain a cloud experience across their on-premises data centers, at the edge, in a hybrid setting, and in multi-cloud environments.

Verinext, a leading provider of transformative business technology solutions, partners closely with as-a-service platforms such as HPE GreenLake to bring the public cloud experience in your own data center or colocation facility.

Modernizing Your Data and Applications

Read how to achieve scalability, self-service functionality and centralized IT control all with the benefit of a consumption model to pay as you use.

LEARN MORE

Contact us today to find out how the as-a-service cloud model can offer you a cohesive and greatly simplified IT environment where capacity forecasting headaches are eliminated, budgeting is streamlined, and overall cost of ownership is lowered.