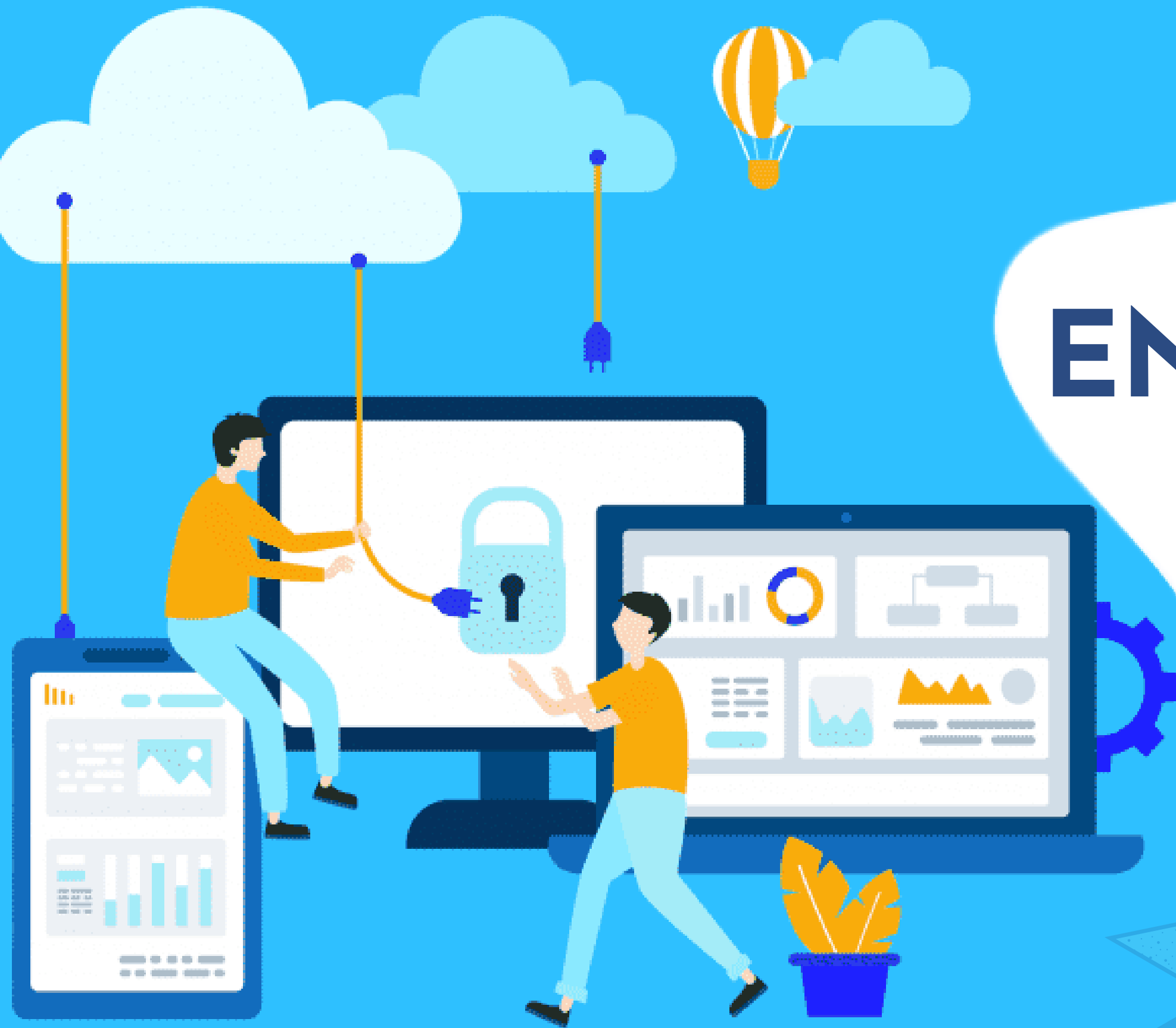


GUIDE TO THE ENTERPRISE CLOUD COST MANAGEMENT





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INTRODUCTION

It is becoming tedious to manage cloud costs for enterprises. The public cloud is like a vast balloon continuously increasing its size and popularity. Top service providers like Amazon Web Service, Microsoft Azure and Google offer an attractive prize and offers to get customers. To save money and get the best services, you should continuously search for the best options that suit your requirements. However, organizations can easily avoid billing surprises using a smart cloud cost management strategy.

If your journey of cloud adoption money can flow out of your pocket like a waterfall, so, before moving to the cloud, make an adequate and proper cloud strategy to control your spending and be within limits of your budget. Here are some cloud cost management strategies used to reduce your cloud cost-effectively.



CHALLENGES ASSOCIATED WITH CLOUD COSTS



One of the most common aspects of cloud computing is that organizations face difficulty tracking the actual costs and forecasting the usage of the computing systems. Reporting and survey management are adequate for the management of costs and also provide a dedicated approach to minimize the cost.

Cloud infrastructure comes with a pleasant smell of benefits but at the same time consists the spikes of challenges. It's easy to perceive the benefits like scalability, control, security, but at the same time, it is also essential to know its adverse effect on your organization. A most common factor contributing to cloud cost management challenges is the difficulty businesses have in monitoring and forecasting usage. Unpredictable budget costs can be one of the enormous pains in cloud cost management.

The ability to scale up and down based on demands has motivated resource procurements to shift from sole ownership of the finance team to stakeholders across IT, DevOps, etc. Such procurement division has initiated an ever-growing cluster of cost-conscious stakeholders responsible for managing, understanding, and optimizing costs.



Before you move your infrastructure to the cloud, it is essential to calculate the cost of your public cloud. Like any IT service, the public cloud can also introduce unexpected charges. The first step for cloud cost management strategy is to look at the billing strategy of cloud service providers. Calculate how much memory, CPU and storage your applications require and which cloud instances can meet these requirements. Then, calculate the estimated cost of these applications. Then compare your estimated strategies with the current costs to run those applications. Some workloads are more effective when they are within the organization due to the location of data and some other factors.

Integration and other factors can lead to unexpected charges when using multiple public cloud providers. Think of the future and plan application decaying to see where you can incur additional costs. Moreover, look at your cloud bill and see what you are for access, storage and CPU.

Before you sign an agreement with a cloud vendor, you must know your business requirements and examine what different vendors offer. However, most vendors have similar packages and prices at first glance, but you might discover new packages when you examine them in detail. For example, one vendor has a lower price for specific workloads.

Organizations should avoid vendor lock-in, and moving workloads from one cloud vendor to another can sometimes be challenging. Sometimes organizations pay higher prices than required because they didn't research. Subsequently, it is too difficult to migrate applications or workloads after production.

EVALUATING THE COST OF CLOUD MIGRATION



The first thing you need to address while migrating to the cloud is knowing the operation's overall costs. You should not interfere with the migration affairs if you don't have a clear image of what kind of costs you need to spend. With this loudly said, the first thing you need to do is calculate the current billing models. Not all the packages will attract you while going through with them, either performance-based issues over low prices or unnecessary resources at a very high price.

It is not the ladder you need to climb because you need the optimized performance at optimized costs. Moreover, it would help if you chose cloud vendors that offer customized packages like including and paying for the resources included in the package.

AREAS WHERE YOU CAN REDUCE CLOUD COST

Dealing with all the cloud computing trends and migration can become heavy for the business and web-based integration. Therefore, cutting costs at every turn is necessary and supported by all the businesses that indulge in cloud computing and migration. Cutting a massive element for the project will affect the performance of the cloud. Moreover, costs from every cloud-based section need to be considered and then turned off to bring about any results.

To avoid extra cost-cutting costs from every cloud-based section needs to be introduced and give effective results. Ensure your management teams and persons spectate the current resources before buying or hiring new ones. In this way, all resources would monitor thoroughly, getting beneficial results. The next step is to integrate the resources with the specific type of user. You can build special programs that can sense the spending and resources associated with it. Moreover, build a realistic and suitable budget for every resource you are using to help you come around to what you are spending and what you use initially.

Contact us:

Suppose you are interested in cloud computing and want guidance related to the same. Feel free to contact us:

<https://www.ismiletechnologies.com/request-a-consultation/>



ABOUT US



iSmile technologies bring smiles to people's faces by helping them with IT services. Consulting, IT solutions and managed services provide services to individuals and businesses. Our services include cloud services, Site reliability engineering, Data and Analytics, Big data, DevOps, AI and Machine learning, Cybersecurity, etc. We are partnered with Google, Azure, AWS, IBM, and UI Path to provide you with the best and most efficient IT solutions. Our idea is to satisfy our customers and give them maximum return on their investment.