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Week 11 & 12 Writing Assignment

IT Infrastructure

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Information technology has been around for over a decade. The framework to operate this technology require components like hardware and software. Throughout this essay I will discuss a business scenario for an IT infrastructure. Lead into analytics of the needs of a domain. Give my computation solution for infrastructure and share what RFP based on domain needs analysis looks like. In the next section I will discuss further about IT infrastructure.

IT Infrastructure

One business scenario that comes to mind with infrastructure is initiation framework and design. This framework is used to define relevant business requirements and to build a consensus with business management and other companies who take an adequate level of risk (Business Scenarios, 2001). So, with an example scenario, I have decided to discuss the framework of broadband connection speeds between hosts and clients. It was previously discussed that traffic shaping is an effective way to deal with congestion of a network by limiting what traffic enters a network (Panko & Panko, 2019 p.89). From my understanding, even though there are measures in place to funnel traffic, connectivity speeds are still limited. These connection speeds are limited because there are multiple hosts but not enough channels to transmit and receive the network data. The saying, “speeds up to...” are companies acknowledging the fact that connection speeds don’t have to be advertised as being accurate long as the disclaimer is mentioned. Next section, I will explain the needs of the domain.

Needs of the domain

The needs of the domain name are important to a business when advertising on the internet. When it comes to websites, having a recognizable name is paramount. In doing so, clients can identify the name and or logo, then remember the services that are provided. Johnson D. commented that, “A domain identifies a business with who they are and what products and

services they offer”. A Domain is an online address, which is unique and searchable. Domain names help establish trust among clientele and domain name builds site authorities. A business with a good domain name builds visibility on internet on search engines like Bing, Yahoo or Google. As the domain name becomes more popular, traffic will be going to the domain site (Johnson, D., 2019). In the next section, I will discuss a computing solution for the IT infrastructure.

Computing Solution. A computing solution is a method for a business to integrate technology into an internet-based world. One computing solution is web-based services. With web-based services, a business can decide from an assortment of applications like accounting and payroll (7 Types of Cloud Computing Business Solutions & Implementation Options., 2017). Another computing solution could be utilized is on-premises. With this a business can potential customers through accessible portals while keeping your sensitive resources private. As previously stated in the first section, connectivity speeds when utilizing broadband to transmit and receive data has continued use for improvement. On-premises in my opinion would be the best option because of the accessible portals per client when accessing the network (7 Types of Cloud Computing Business Solutions & Implementation Options., 2017). Next, I will go into detail about a request for proposal based on domain needs and analysis.

Request for proposal. RFP (request for proposal) is an important element in the business domain. Some of the guidelines that define an RFP is a clear and concise description of how to improve upon a service that is already in effect or how a solution from a discrepancy can be accomplished. First is to gather a team that shares the same goal as the proposer. Next is to understand the target audience the project is being proposed to. Third is having a firm idea of how the bidding process will be accomplished Cullen, M. (2020). The next thing is to know the

competition a business is competing against to have a better advantage of winning the request for proposal. The final thing is having an outline that will display all ideas and solutions that will be presented to the business that the RFP is being proposed to (Cullen, M., (2020).

IT infrastructure can be described as framework used to define business requirements to make a profit. The domain name on the other hand identifies the vendor so a client can remember the brand with the product that is being sold and distributed. A computing solution is a way for a business or company to incorporate technology unto an internet-based platform. The final step is to draft a request for proposal (RFP) and advertise what the company can market to the client and list the benefits of doing so. Information technology is widely used, so understanding these methods will help a business's profit margin when marketing to a client.

References

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