Saint Louis University

School of Computing and Information Sciences

IT 322

Networks Technology with Administration and Maintenance



Case Study 1

Anilana Hotels and Resorts Hospitality

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1. **SUMMARY/SYNOPSIS**

Anilana Hotels requires a network that is simple, cost-effective, and efficient. The Aniana Hotels wants to cater to an exclusive high-end clientele. Given the nature of the target clientele, Anilana wanted to offer un-paralleled levels of service that the guests would remember for years to come.That is why Anilana inventend Fentons Limited which is a Premier Certified Partner of Cisco and one of Sri Lanka’s leading integrated solutions providers in the field of building systems and ICT infrastructure, to design and implement the network infrastructure for the hotels, including infrastructure for voice, data, Internet, Wi-Fi, data security, data center and storage, IPTV, and CCTV.. The entire design team focused not only on the local network and solution, but also integrated remote locations including the Colombo Head Office and other upcoming locations over a WAN. Anilana also emphasized that it will have many more hotels opening in the near future and these could be located anywhere on the island. It also stressed that Anilana Hotels’ administrative center would be in Colombo. As a solution, the Fentons Team, therefore provided a robust network solution, an infrastracture that has the ability to sustain an acceptable level of service which means that a robust network infrasracture can recover from hardware, software or process problems. For this project, they made use of different cabling materials such as fiber optics, cat 6 and the like. The team also made use of Cisco's switches, routers, firewalls, and also UCS or Unified Computing System, which emphasizes the significance of Cisco to the networking project.

1. **ANALYSIS/EVALUATION**

On what I have distinguished, this composition focuses more on the solution that was provided for the network of the Anilana hotel by the Fentons Limited team. Although the solution was well said or written by the author, I figured that the composition is lacking some information and details. Anilana Hotel is requiring network efficiency and it is fair to go in detail with the solutions that has been provided. I also think that some points in this article was not properly explained. For instance, is the solution itself, the robust network infrastructure. This article did not explain how this infrastructure works or why was this infrastracture chosen for what is the Anilana hotel is requiring. Another would be the structuring itself, the team have chosen specific types of cables to achieve capacity and lightning protection, fiber optics was used for outdoor backbone cabling, while CAT 6 standard cables were used for indoor cabling. Even though the cables were specified, I think it is important to be explained why these cables were chosen in this type of networking projet, because the location of the Anila Hotel is pretty diverse and it was emphasized that they are planning on opening more hotels on the near future and it could be located anywhere near on the island.

1. **REACTIONS**

Personally, I think that the Fentons Limited team and Cisco makes an excellent partnership. Because they made it possible to create a network that is simple, cost-effective, and efficient considering the location of the Anilana Hotel. With the help of Cisco, the team was able to achieve the networking that the Anilana Hotel was looking for. Although some of the information that I wanted to know wasn't present in the composition, I was still able to understand the author's article by doing some research. Bottomline, I believe that Cisco played0 a hug part in this networking project, and without Cisco I think that this project will not be possible.