



SANGFOR

Sangfor HCI Case Study

Crowne Plaza Vietnam

Customer Background



Crowne Plaza Danang is centrally located between Hanoi, HCMC and the gateway to four UNESCO World Heritage Sites: Hue - the former imperial city, Hoi An - ancient town, My Son- holy land and Phong Nha-Ke Bang. Domestic and international leisure-seekers and professional meeting organizers will receive benefits by staying at Crowne Plaza Danang, the largest international upscale hotel along Danang Beach. Connect and socialize in Danang's largest purpose-built entertainment centre right next to the hotel building and enjoy the various recreational facilities including the largest free-form infinity pool, water sports, and the Kid's Zone where families and friends can come together. Our dedicated Crowne Meeting Director is your one point of contact assuring the success of your meeting with unrivalled options within the purpose-built integrated meeting centre featuring the largest ballroom and 8 individual function rooms and wide choices of meal plans with indoor and outdoor options. Experience seamless service at every interaction with our attentive and upbeat teams.

Your Future-Proof IT Enabler

Sangfor Technologies

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Challenges:

As business in Crowne Plaza Danang grows, accumulated data and information stored in their physical servers and storage have become one of their biggest issues to ensure seamless productivity. Employees having hard time to access to those data stored in their physical servers and storage due to the large amount of data transmission within the internal network as well as the obsolete physical hardware of those servers and storage.

Besides, Mr. Shan, IT manager of Crowne Plaza have to manage a bunch of other tasks with his team, which makes it even more unrealistic to have them optimize the current user experience of those servers and storage with the existing hardware platform.

Sangfor HCI Solution:

Sangfor has designed a whole new server and storage solution for Crowne Plaza along with a virtualization platform which is much easier to manage, highly scalable, and with seamless network design.

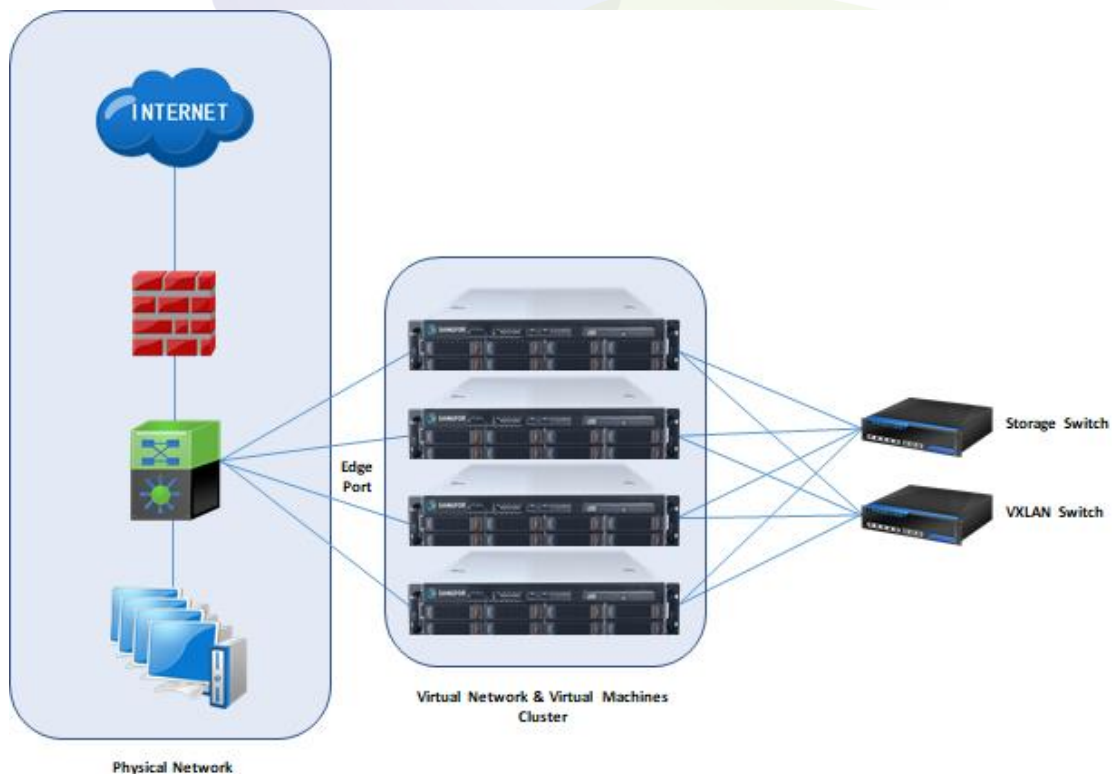


Figure 1: Crowne Plaza's new virtualization servers and storage solution

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The solution consists 4 physical servers, all these 4 servers will be grouped together with a process named "Clustering". Once it's clustered, the 4 physical servers will merge into 1 logical resources pool and share those resources to all the virtual machines, virtual storage, and virtual network devices integrated in Sangfor HCI. Sangfor HCI allows redundant copy of a virtualized server to run on a different node within a cluster, which could help Crowne Plaza ensure the availability of their data.

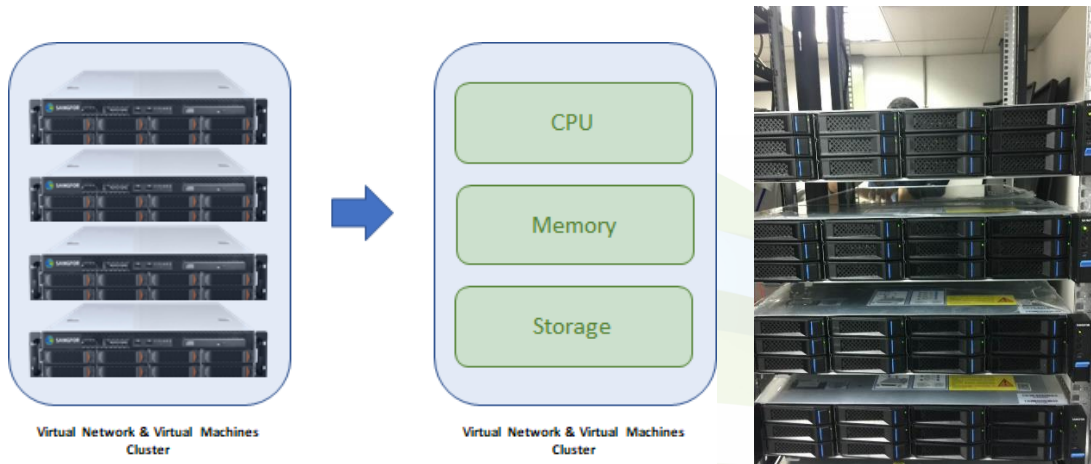


Figure 2: Sangfor HCI clustered resources pool

Furthermore, the virtual network platform in Sangfor HCI allows user to seamlessly design or create their own virtual topology from the console.

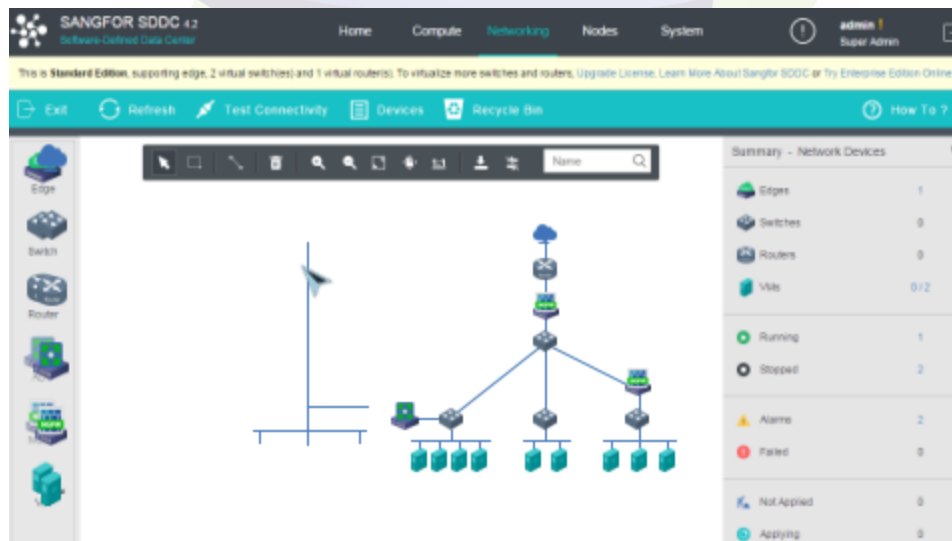


Figure 3: "What you draw is what you get" topology console screen.

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The virtual network platform helps Crowne Plaza by providing the freedom to add or remove virtual routers/switches as they want, as well as connect or disconnect those servers in any way they desire.

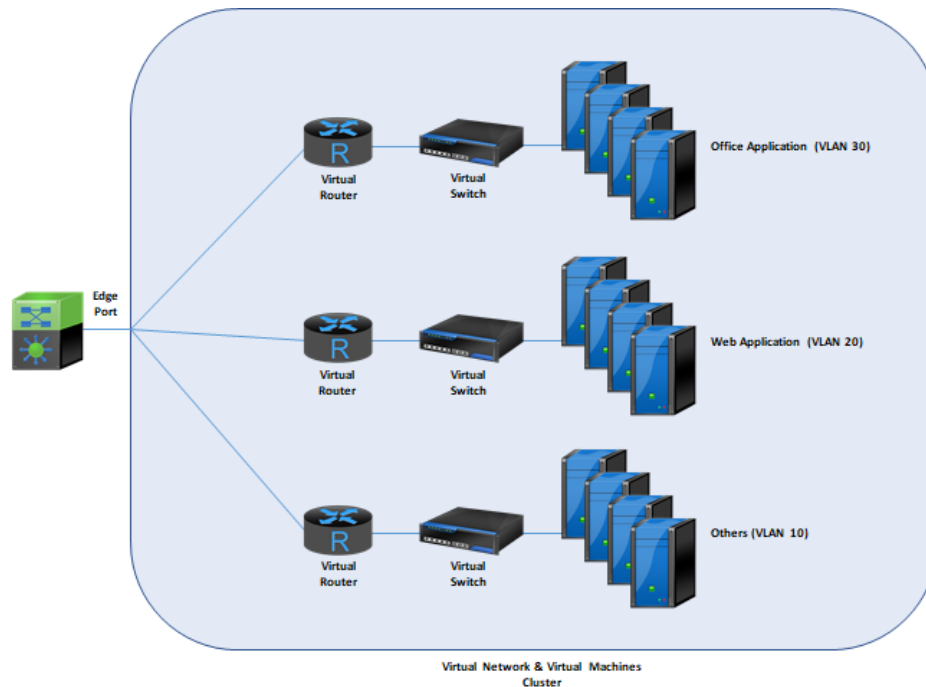


Figure 4: Draft virtual topology of Crowne Plaza's virtual server farm

In short, Sangfor HCI does not only provide a virtualization platform for servers and storage. Instead it has greatly reduced the workload of server maintenance tasks for Mr. Shan and his IT team. Moreover, performance has been sharply improved by the virtualization platform as well, as all of those resources like CPU, memory and storage does not have to traverse through multiple internal network layers.

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