

Honk Honk

Aden Northcote

1 Assignment Brief DELETE

“As you already know that web films and videos are everywhere on the net, SmartV is one of these online video companies who provides online video services, including video searching, video streaming and delivery, video editing, transcoding and adaptation. Actually, for video applications and services over the Internet, there are strong demands for cloud computing because of the significant and scalable amount of storage and computation required for serving millions of Internet users at the same time.”

2 Background

SmartV is a popular online platform providing a wide range of video tools to end-users. Services are provided to consumers over the internet and include video streaming and delivery, video searching, video editing, video transcoding and adaptation.

The SmartV platform is well used and is currently experiencing significant growth in user-base. This trend has prompted a transition from on-premises infrastructure to the cloud with the aim of future-proofing the company’s scalability and cost-competitiveness.

3 Business Requirements

3.1 Storage

3.2 Compute

3.3 Scalability

3.4 Network

3.5 Availability

3.6 Other stuff DELETE

“ Some other basic cloud implementation/management requirements, such as high availability, DRS, resource control, updating, etc. ”

4 Cloud Architecture and Design

4.1 Design Assumptions

5 Considerations and Challenges

6 Evolution of Technology