

HomeView

Network Diagram

Uniting streaming services on one site

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Unite
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1. Network Diagram

2. Technologies

2.1 Amazon Web Services Elastic Cloud Computing (EC2)

- AWS EC2 is easy to navigate and set up compared to the others

- We can also purchase more storage space if needed instead of paying monthly subscriptions

2.2 Amazon Web Services Relational Database Service

- A service that sets up a relational database in the cloud
- Provides 20 GB of SSD database storage and 20 GB of backup storage for free per month

3. Protocol

3.1 HTTPS

- With HTTPS, data is encrypted so even if personal information gets sniffed or intercepted, they will not be shown in plaintext. If we can't find a secure free certificate, purchasing a SSL will be good for user security

3.2 TCP/IP

- Transmission Control Protocol allows application programs and computing devices to communicate with each other over a network
- Internet Protocol is the method of sending data from one device to another over the internet
- Together, the IP obtains and defines the IP address of the device the data must be sent to. TCP then transports the data through the network architecture to the intended destination

3.3 SSL/TLS

- Secure Sockets Layer, or Transport Layer Security, is a cryptographic protocol used to encrypt the communication between web applications and servers

4. Flow

5. References

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