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### Final Project Proposal

For our final project, we would like to setup a VPN on our Server Instances for our users' benefit. In this document, we will outline the goals for adding a VPN to our services, as well as how we will test that we are meeting those goals. We will also cover how this will affect the user population, and any issues that could occur by enabling the VPN service. This document will also outline any security issues that come with starting the VPN service. We will be covering any work needed to complete the project and maintain the service once the VPN service is up and running. Lastly, we will discuss any documentation that will be needed for the VPN to be setup and working for our administration team, as well as any information we need to provide to our users.

The goals for our project are to setup a VPN that allows our users to connect to other VPN connected machines as if they are on the same network, regardless of their physical location. In order to test this we will be adding a network storage location, which will only be accessible via VPN. By setting up a storage location like this, we would be ensuring that the VPN is working if the users are able to access that network storage.

Setting up the VPN will affect our user population by increasing their access to data. They will be able to connect to our Server Instances and thereby access data stored there that they otherwise would not be able to acquire. This increases their ability to work from anywhere. User support will change by requiring that we maintain users' access to the VPN functionality of our Server Instances. We will have to deal with any issues connecting or outages of our VPN service.

VPN's security issues are about the same as the issues involved in making regular user accounts. We would want to ensure that all the user accounts created are authorized, and have appropriate login credentials associated with the accounts.

In order to complete the project, we will need to implement the VPN service in our Server Instances, ensure that it is working properly by testing users' access to it, and setting up procedures so that it is maintained correctly in the future. In order to maintain the project, we will need to make sure our Server Instances do not go down, verify that deactivated user accounts no longer have access to VPN and that active users maintain access to our VPN service.

Documentation is important for any project. In order to make sure that everyone will have full access to any relevant information we will be creating documentation about accessing our VPN service for the users, and documentation about maintaining our VPN service for the administrators.