*Seafile cloud storage implementations*
*With VPS as aRouter*

**Sofiyan Hadi**

*Computer Engineering*
*Information Tecnology*
*State Polytechnic of Jember*

## *ABSTRACT*

*Cloud Computingis a model of computing or computing, where hardware such as processor, storage media, computer networks, and software becomes abstract, every cloud computing services require Internet access.Cloud storage is a form of cloud computing that provides services for file management based on user on the computer network.The benefits derived from the use of cloud storage, among others, data storage, file sharing and synchronization so as to reduce the risk of data loss and ease of file sharing.Seafile is a service opensource designed to build cloud storage. Seafiel into applications option to build cloud storage because it has many advantages, both in terms of ease of installation, configuration, ease of use, and have an application that supports synchronization with your computer or mobile. The study was conducted by the need for cloud storage for easy file sharing, data storage to the user.To design a cloud storage needs to use cloud storage router that can be accessed by Internet clients.Use of VPS sangant important in building a router, VPS is a virtual server that has many benefits, one of which is the use of a router with port forwarding technique menggukan internet accessible cloud storage.*

***Keywords:*** *Cloud computing, cloud storage, Seafile,VPS*