

Data Transfer on Cloud Storage using Virtual printer driver

PROJECT SYNOPSIS

Under the Supervision of

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Domain:

Image Processing, Cloud Computing, Computer Network

Project Members:

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Project Requirements:

.Net Framework, Visual studio 2017, Microsoft Sql Server Management, Microsoft Azur Cloud, Lead tools Package.

INTRODUCTION

In **virtual printer** is a simulated device whose user interface and API resemble that of a printer driver but which is not connected with a physical compute printer.

When a document is "printed" by a virtual printer, instead of physically printing it on paper or other material the underlying software processes the images of its pages in some other way, often resulting in a file being produced or the images being transmitted.

A virtual printer is an application that replicates the software interface for a physical printer and allows the user to carry out various tasks without actually printing anything. Virtual printers work with print drivers that are coded to send their output to other applications rather than to a physical carry out tasks that would formerly have involved actual printing without wasting paper and ink. Such tasks include device. The software can help save resources because makes it possible to Printer testing and correction. Sending documents to a fax server. Creating PDF files from other types of documents. Creating other image files, such as JPEG, GIF and PNG from documents. Viewing documents so that errors and formatting can be fixed before actual printing. Adding special features to a document prior to printing.

1. PURPOSE

A virtual printer is a printer driver that resembles the functionalities of a physical printer, but is not actually associated with one. Instead, a virtual printer sends its output to a file, normally in PDF format or in other image formats like JPEG, TIFF or PostScript.

computers, a printer driver or a print processor is a piece of software on a computer that converts the data to be printed to a format that a printer can understand. The purpose of printer drivers is to allow applications to do printing without being aware of the technical details of each printer model.

2 scope and objective

The objective of virtual printer is to share securely encrypted file over cloud server using virtual printer driver and we can access that data Or file from anywhere. Virtual printer work with print drivers that are coded to send their output to other applications rather than to a physical device.

The virtual printer can help save resources because it makes it possible to carry out tasks that would formerly have involved actual printing without wasting paper and ink And EMF file. User will be able to print a document through the virtual printer from any application. Virtual printer converting documents of any type into PDF format or image files such as JPEG, TIFF, GIF, PNG, BMP, PCX or DCX.

The virtual printers converts EMF files to Image output format. Data will be extracted from Image file into the text or other human readable file format. With the help of virtual printers drivers data has been transferred securely from source to destination.

3. Conclusion

It Allowing user to control certain aspects of printing not supported natively, such as printing multiple pages per sheet without border, print letterhead, watermarks etc. This output can either be saved in a file for future printing or passed to another printer.