

ABSTRACT

Nowadays people need a technology that can complete their job in a short time, one of them is CUPS, which is service that can print files remotely and locally with CUPS installation on Raspberry 3

CUPS systems generally have the ability to print files we want with good results and fast and accurate process, therefore, in this final project is implemented Print Server Using Raspberry pi 3 with CUPS is more flexible in its use, because the connectivity is based on wireless, using Raspberry pi 3 as its computing system, using CUPS as a server that can help and receive documents that are in print, as well as the use of SMB file sharing applications by its clients.

In the implementation, will be tested the transfer rate based on distance and test the ability of CUPS in managing many clients at a time, where the final goal is to see the quality of printing documents or data that want in Print, the efficiency and effectiveness of the system CUPS

Keywords: CUPS, Raspberry pi 3, Samba, Print Server.