

Re: how to access remote CUPS printer?

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- *From:* Aaron Konstam <akonstam@xxxxxxxxxxxxxx>
 - *Date:* Mon, 25 Sep 2006 08:01:21 -0500
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On Sun, 2006-09-24 at 17:16 -0400, Amadeus W. M. wrote:

On Sun, 24 Sep 2006 16:00:16 -0500, Aaron Konstam wrote:

On Sun, 2006-09-24 at 13:55 -0400, Amadeus W. M. wrote:

On Sat, 23 Sep 2006 19:28:35 -0500, Michael Hennebry wrote:

How do I print to a remote CUPS printer from machines on which I am not root? On the remote machine, FC5, I am root. On the clients, FreeBSD and FC3, I am not root, but can open TCP ports. Is there a nonroot IPP client that can be used to print on a remote printer?

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Mike hennebry@xxxxxxxxxxxxxxxxxxxxxxxx
"it stands to reason that they weren't always called the ancients."
-- Daniel Jackson

On the CUPS server you must make the print queues shared. The clients' CUPS will automatically see the shared queues on the network.

On the server, go to System->Administration->Printing, click on the queue you want to share, then Edit, etc.

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Oh, and you must have port 631 tcp and udp open on the CUPS server.

That is absolutely the wrong way to share printers using CUPS. All printers on the same lan as the server can print to the server's printers by default. No configuration is required.

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Aaron Konstam <akonstam@xxxxxxxxxxxxxx>

And exactly why is it absolutely wrong? It works flawlessly on my lan. And in fact if I don't make the queues shared on the CUPS server, they are not automatically seen by the clients. Of course, I can tell each client separately about the address of the server, etc. Of course the clients on the lan can print to the server's printers by default, if the server tells the lan about its printers. That is, if the printers are marked as shared on the server. Am I missing something here?

Well I absolutely should not use the word absolutely so loosely. There is not such a thing as marking a printer as shared under CUPS. That is a construct that system-config-printer has brought over from the pre-CUPS era. The printer server sends out browsing information to all the machines on the lan and the clients become aware of the printers available to them from these browsing messages of printers that are available. If you use the web interface on the clients you will see the printers on the server which have been browsed. All CUPS printers should be configured using the web interface. No marking printers as shared is necessary.

Also available from the web interface are the documents that explain all this.

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Aaron Konstam <akonstam@xxxxxxxxxxxxxx>

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