

# ExtremeZ-IP

## Configuring print queues on a cluster

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## Table of contents

Introduction:.....	3
Verifying ExtremeZ-IP Configuration: .....	3
About This Section: .....	3
Verifying Configuration: .....	3
Configuring a print queue: .....	3
About This Section: .....	3
Configuring a Windows Print Queue:.....	4
Adjusting Permissions on the shared Windows Print Queue: .....	4
Configuring temporary print files: .....	5

## Introduction:

This document assumes you have already installed and configured ExtremeZ-IP on a clustered system. If not please use the following document:

<http://www.grouplogic.com/knowledge/index.cfm/fuseaction/view/docID/146>

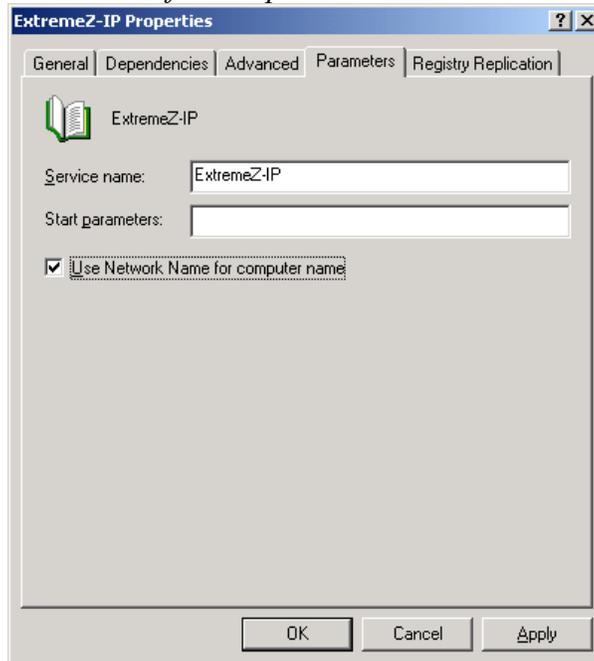
## Verifying ExtremeZ-IP Configuration:

### About This Section:

This section confirms that the appropriate information is configured within *Cluster Administrator* for ExtremeZ-IP printing to work properly.

### Verifying Configuration:

Open the *Cluster Administrator* and navigate to the *Group*, which contains the ExtremeZ-IP *Resource*. Right click on the ExtremeZ-IP *Resource* and click *Properties*. Select the *Parameters* tab. Verify the check box *Use Network Name for computer name* is checked.



If the check box is disabled that means that a *Network Name Resource* is not listed as a *Dependency* for the ExtremeZ-IP *Resource*. Add the *Network Name Resource* and the check box will become available.

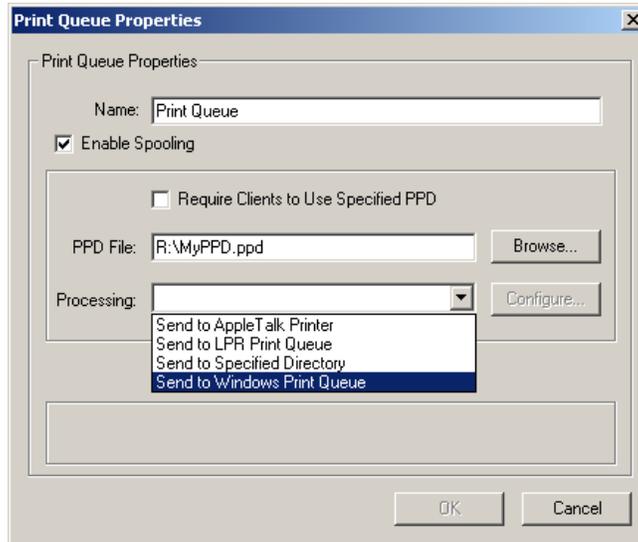
## Configuring a print queue:

### About This Section:

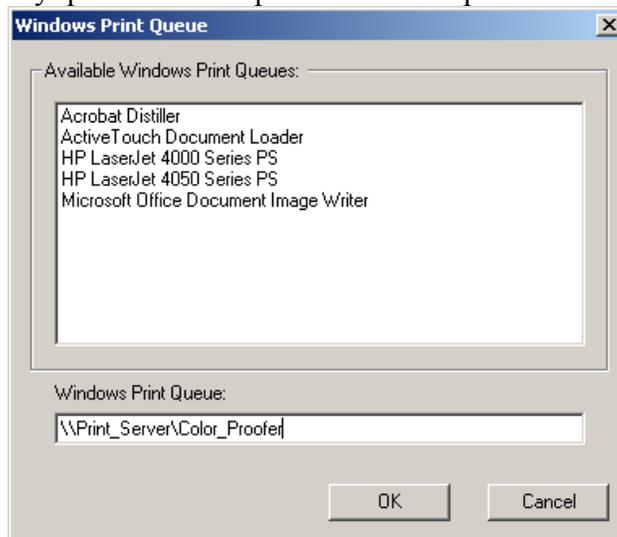
This section details how to create an ExtremeZ-IP Print queue. The example used is *Send to a Windows Print Queue*, because it required special permissions to be configured. Using other processing methods do not require adjusting special permissions.

## Configuring a Windows Print Queue:

Launch the ExtremeZ-IP Administrator. Click the *Print Queues* dialog. Click *Create*. If you are using a PPD File, make sure it is located on a shared disk that is a member of the same *Cluster Group* as the *ExtremeZ-IP Resource*. From the *Processing* drop down, select *Send to a Windows Print Queue*.



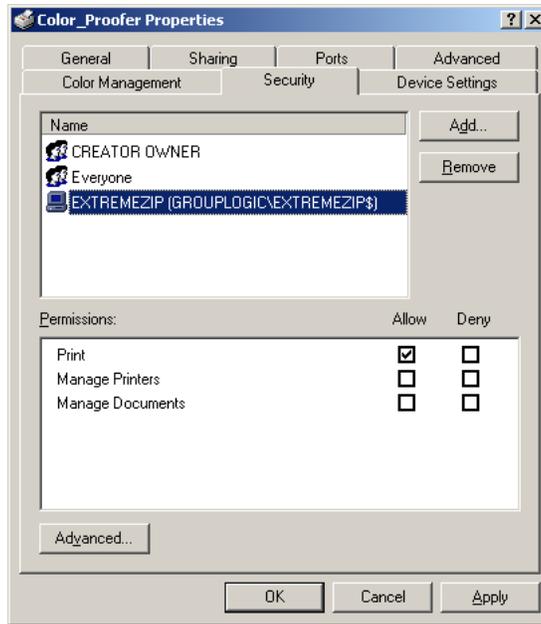
The *Windows Print Queue* dialog will show all of the local machine printers. Use the *Windows Print Queue* text field to enter a fully qualified UNC path to a shared printer.



Click *OK* from the *Windows Print Queue Dialog*. Click *OK* from the *Print Queue Properties* dialog.

## Adjusting Permissions on the shared Windows Print Queue:

From the machine that is sharing the Windows Print Queue to ExtremeZ-IP open the *Printers* Control Panel, and click *Properties* on the printer. Select the *Security* tab.

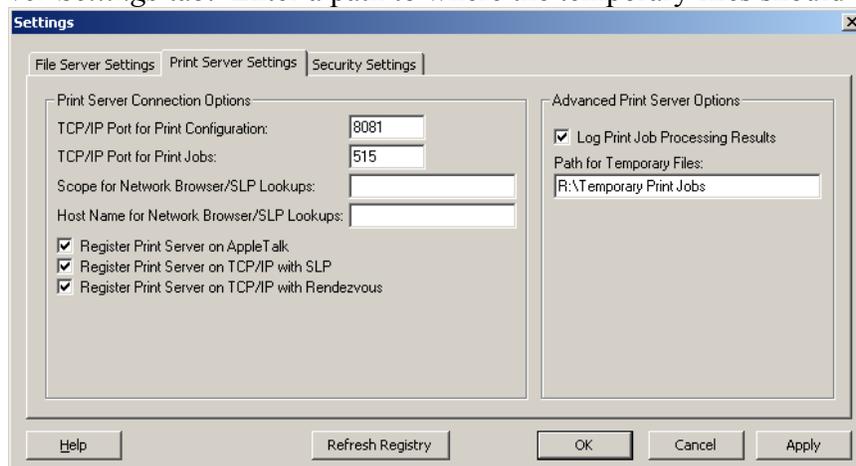


Click *Add*. Add the *Computer* object, that is the *Network Name* from the *Cluster Group*, which the *ExtremeZ-IP Resource* belongs to. For example, the cluster the *ExtremeZ-IP Resource* belongs to *Cluster Group* “Print Group”. The *Network Name* for “Print Group” is “EXTREMEZIP”. “EXTREMEZIP” is what should be added to the *Security* tab of the printer (as show above). Verify *Print* is checked under *Permissions* and click *Apply*. Click *OK*.

### Configuring temporary print files:

When printing to ExtremeZ-IP, before jobs are sent to the print device they are stored in a temporary location. If the ExtremeZ-IP service is stopped, it can resume the jobs it did not complete. For this to work correctly on a cluster the temporary files must be stored on a *Physical Disk* that is a member of the *Cluster Group* that the *ExtremeZ-IP Resource* is a member of. This way if a failover is initiated the temporary files fail over with the *ExtremeZ-IP Resource*.

To change the temporary file location, launch the ExtremeZ-IP Administrator. Click *Settings*. Click the *Print Server Settings* tab. Enter a path to where the temporary files should be stored.



You should now be able to print to the Windows print queue via ExtremeZ-IP.

## Configuration for Print Accounting Queues (if installed)

If print accounting queues are in use, the code files must also be stored on a *Physical Disk* that is a member of the *Cluster Group* that the *ExtremeZ-IP Resource* is a member of. The print accounting code file location can be changed by opening the ExtremeZ-IP Administrator. Click *Print Queues* and select a print accounting enabled queue. Click *Modify* and click *Configure* for the *Require Client Validation Codes* check box.

**Print Queue Validation Codes**

Users printing to this queue will be prompted to enter Validation Codes. The codes will be validated against the text file specified and stored in the server print log. See the user manual for more information.

Validation Codes:

- Employee
- Department

Buttons: Add, Remove, Move up, Move down, Use as Default

Configuration of Validation Code:

Code Name: Employee

Requires Validation

Number of Codes to Save on Client (enter 0 for none): 3

Allow User to Browse Codes

Location of Code Text File: R:\Acct Codes\employees.txt

Buttons: OK, Cancel, Browse...

Move the code file to the shared drive and modify the path in the *Location of Code Text File* text field to the new location. This needs to be done for all codes within all print queues.