Configuring Color Access on the WorkCentre 7328/7335/7345 using Windows Active Directory

Overview
This document describes how to limit access to color copying and printing on the WorkCentre 7328/7335/7345 using Active Directory (AD).

This process allows the device to be set up so users have unlimited access to black and white copy and print functions. However, if a user wants to copy in color they must authenticate at the device.

Assumptions
- LDAP must be configured and working correctly.
- Network Authentication must be configured and working correctly.

Creating Color Access Group within Active Directory
This procedure describes how to create an Active Directory color access group to be used to restrict color copying and printing on the WorkCentre 7328/7335/7345.

1. Click Start, point to Programs, point to Administrative Tools, and then click Active Directory Users and Computers.
2. In Active Directory Users and Computers window, expand the domain folder.
3. In the console tree, right-click the Users folder in which you want to add a new group.
4. Click New, and then click Group.
5. Type the name of the new group. Use a name that you can easily associate with the role or service for which you are creating. In Figure 1 we used TESTCOLOR.
6. To add users and/or groups to the newly created color access group right click on the group and select properties.

7. Select the Members tab and click the Add button to add members to the group.

8. Click Finish.

To Enable Copy Color Access Control

This process will restrict a user from copying in color unless they are authorized to do so via the AD group.

1. At the device press the Login/Out button and logon with the Administrator password (factory default passcode is 11111).

2. Press the Machine Status button.

3. Touch the Tools tab, select Authentication/Security Settings on the left hand side of the screen.

4. Under the Group heading select Authentication.

5. Under the Features heading select Access Control.

6. Press the Features Access button and select Color Copying.

7. Press the Change Settings button the bottom right of the screen.
8. Select the **Locked** button and press **Save**.

9. Press the **Login/Out** button and press **Reboot Now** for the new settings to take effect.

The steps beyond this point including the device's web interface will require a number of device reboots.

10. Open your favorite web browser and enter the device's IP address.

11. On the device's web page click on the **Properties** tab → the **Security** folder → and **Authentication Configuration**. (You will be prompted for the administrator username and password.)

12. At the **Login Type** pull-down menu select **Login to Remote Accounts** and click **Apply**.

13. Click on the **Reboot Machine** button.

14. After the reboot select the **Remote Authentication Servers** folder and **Authentication System**.
15. Select LDAP from the **Authentication System Settings** pull-down menu.

16. Click on the **Apply** button and then the **Reboot Machine** button.

17. Select the **Connectivity** folder → **Protocols** folder → **LDAP** folder and select **LDAP Server**.

18. In the **IP Address / Host Name & Port** field enter the LDAP servers IP Address or Host Name.

19. At the **LDAP Server** pull-down menu select **Microsoft Active Directory**.

20. At the **Search Directory Root** window enter domain syntax. Using Figure 1 as the example the syntax would be **DC=crmttrinity,DC=lab**.

21. Click on the **Apply** button and then the **Reboot Machine** button.

22. After the reboot select **LDAP Group Access** and in the **Color Access Group** window enter the correct syntax for the Color Access Group which must be a fully qualified string. Using Figure 1 as an example the syntax would be **CN=TESTCOLOR,DC=crmttrinity,DC=lab**

23. Click **Apply**.
When these steps have been completed accurately a user walking up to the device will be able to copy in black & white by default. If the user chooses to make a color copy they will be asked for their **UserID** and **Passcode**. If after authenticating the user is not able to copy in color they will need to press the **Cancel** button bring them back to the **Services** screen.

**To Enable Print Color Access Control**

This process will restrict a user from printing in color unless they are authorized to do so via the AD group.

1. Within the print server open **Printer Properties** and select the **Options** tab.
2. Click the **Predefined Configurations** folder.
3. Click on the **Color Access Control** field and select **Enable**.
4. Click the **Color Access Group** field and enter the group name you created on page one.

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**Image 1:**

![Printer Properties Options tab](image1)

**Image 2:**

![Printer Properties Options tab](image2)
5. Click **Apply** and **OK**.
6. On the client side, if the user that installs the print driver is apart of the group given permission to print in color the **Output Color** option within the driver will be selectable between Color and Black and White. If the user does not have permission to print in color the **Output Color** option within the driver will list Black and White and is not selectable.

**Additional Information**

Xerox Customer Support welcomes feedback on all documentation - send feedback via e-mail to: **USA.DSSC.Doc.Feedback@xerox.com**.

You can reach Xerox Customer Support at 1-800-821-2797 (USA), TTY 1-800-855-2880 or at **http://www.xerox.com**.

Other Tips about Xerox multifunction devices are available at the following URL: **http://www.office.xerox.com/support/dctips/dctips.html**.

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