Customer Tips

… for the user

Xerox Multifunction Device Cloning Feature

Purpose

This document provides details about how to use the cloning feature, which options are included in a clone file, and clarifies the Xerox devices that can accept a clone file. The cloning feature copies configuration settings and Web templates from a device and stores the settings in a file. A system administrator uses the clone file as a backup to re-configure the source device or transfers the clone file to another networked device where the settings it contains are duplicated. The system administrator uses the device's Web interface to select the settings to clone and to create the clone file.

<table>
<tr><td colspan="2">This document applies to these Xerox products:</td></tr>
<tr><td>x</td><td>WC Pro 232/238/245/ 255/265/275</td></tr>
<tr><td>x</td><td>WC 232/238/245/ 255/265/275</td></tr>
<tr><td></td><td>WC Pro C2128/C2636/ C3545</td></tr>
<tr><td></td><td>WC Pro 165/175</td></tr>
<tr><td></td><td>WC M165/M175</td></tr>
<tr><td></td><td>WC Pro 32/40 Color</td></tr>
<tr><td></td><td>WC Pro 65/75/90</td></tr>
<tr><td></td><td>WC Pro 35/45/55</td></tr>
<tr><td></td><td>WC M35/M45/M55</td></tr>
<tr><td></td><td>DC 555/545/535</td></tr>
<tr><td></td><td>DC 490/480/470/460</td></tr>
<tr><td></td><td>DC 440/432/425/420</td></tr>
<tr><td></td><td>DC 332/340</td></tr>
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<tr><td></td><td>DC 220/230</td></tr>
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Devices that Support Configuration Cloning

The device Web interface Cloning page contains the following misleading information concerning device software versions:

> **"Note:** The Clone feature will create a .dlm file script that can be used to configure other machines. All machines must have the same version of software for the .dlm file to be accepted. The software version is located on the Properties tab, under General Setup/Configuration."

The WorkCentre Pro 232/238/245/255/265/275 can exchange configuration settings with any other WorkCentre Pro 200 series device using a clone file. The software version is not an issue.

The WorkCentre 232/238/245/255/265/275 has a limited cloning feature. Xerox Standard Accounting is the only option available to clone.

Note: Refer to the Customer Tip dc05cc0357 *Xerox Multifunction Device Cloning Feature* for information about configuration cloning for the WC Pro C2128/C2636/C3545, WC Pro 165/175, WC Pro 32/40 Color, WC Pro 65/75/90, and WC Pro 35/45/55 devices.
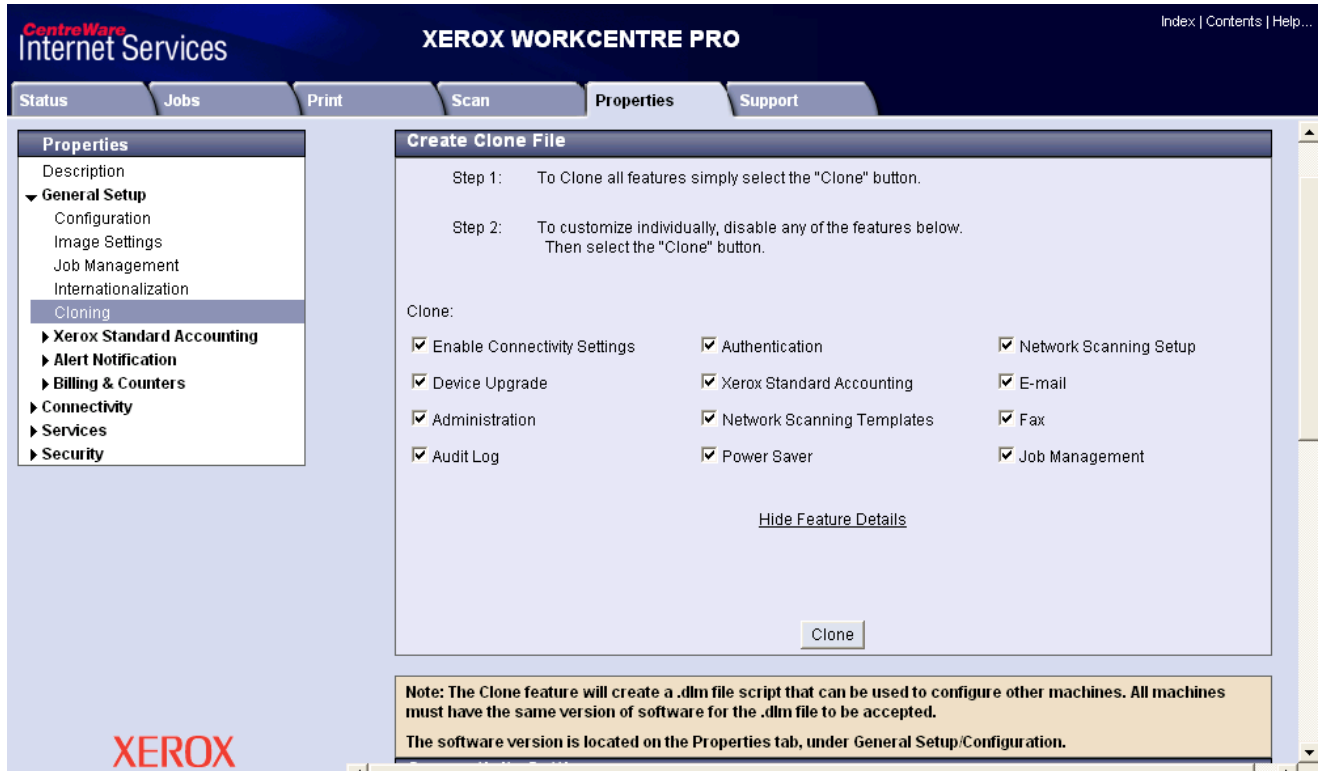
Options Cloned

Groups of settings are available to clone, depending upon the optional features installed on the source device. The following conditions impact the cloned settings:

- Only options installed on a device appear on the Web UI Cloning page. For example, the Network Scanning option appears only if it is installed on the source device.

- Options installed and configured on a device do not transfer to another device unless the recipient has the option installed. For example, if a clone file contains settings for

Network Scanning and the recipient device does not have the Scanning Kit installed, the network scanning settings are ignored.

- Items that are unique to a configuration are not included in the clone file. For example, the setting on the TCP/IP page for IP Address/Host Name is not included in the clone file.

On your WorkCentre Pro some or all of the following groups of options are available to clone. All settings found on the Web interface page associated with the item listed are included in the clone file unless noted.

Connectivity Settings

Settings in this group can include options associated with these connectivity related items:

- Ethernet

- USB

- AppleTalk – Printer Name not cloned

- NetWare – Printer Server Name and New Print Server Password not cloned

- TCP/IP – Host Name and Machine IP Address not cloned

- SLP

- SSDP

- Microsoft Networking – SMB Host Name, SMB Host Name Comment, Share Name Comment not cloned

  Note: If WINS settings are used, information about status of Enable setting is not included in the clone file. WINS is set to Enable by default. A clone file that indicates WINS as disabled does not change the default setting. IP address information for WINS primary and secondary servers is included in the clone file.

- LPR/LPD

- RAW TCP/IP Printing

- HTTP

- Proxy Servers
- Parallel Port (if option is installed)

Device Upgrade

Auto Upgrade settings – If many devices receive the same server configuration settings, server performance where the upgrade file is located may be impacted when an upgrade occurs.

Email Settings

- SMTP Server settings
- Email Settings
- LDAP Directory settings

Internet Fax

- POP3 Setup
- SMTP Server settings
- LDAP Directory settings – Search Name Order not cloned
- Internet Fax Settings
- Internet Receive Settings – finishing options only

Fax (Network/Server Fax)

- General settings
- Fax Repository Setup

Network Scanning

- General settings
- File Repository Setup
- Template Pool Setup
- Default Template settings
- Validation Server settings

Network Scanning Templates

Web templates – All templates created using a device's Web UI.

Note: The Web templates need information included in the Network Scanning settings to operate properly. A clone file that contains Network Scanning Templates settings should also include the Network Scanning settings.

Authentication

On the Web UI Authentication Server General page, the Authentication Type is copied and then settings for SMB, NDS, or Kerberos authentication.

Administration

- General Device Alerts
- SMTP Server settings
- SNMP settings
- Local UI Alerts

Job Management

This setting indicates who can delete print jobs from the Web UI job queue, either all users or administrator only.

Xerox Standard Accounting

If Xerox Standard Accounting is enabled and a Xerox database exists, the database is included in the clone file. This is the only feature the WC 232/238/245/255/265/275 clones.

Note: A clone file contains user/group IDs as well as any usage data accrued by these accounts at the time the clone file is created.

Audit Log

You cannot enable the Audit Log unless the SSL option is enabled. If Audit Log and SSL are enabled, the Audit Log setting is included in the clone file. The Audit Log is enabled in both of these scenarios:

- SSL is enabled before the clone file is received by the target device. When the Audit Log page is opened, the Enabled box is checked.

- SSL is enabled after the clone file is received by the target device. After a device receives a clone file that includes an enabled Audit Log, access the SSL screen in the device's Web UI and enable SSL. Following the Web server's reboot access the Audit Log screen and verify that it is enabled.

Power Saver

This setting includes a device's Sleep Mode Settings in the clone file.

Imaging Settings

All settings except Flate compression.

Creating a Clone File

1. Launch an Internet browser.

2. Enter the TCP/IP address of your WorkCentre/Workcentre Pro in the **Address** or **Location** field and press **Enter**.

3. At the top of the CentreWare Internet Services home page, select **Index**.

4. Select **Cloning** in the list.

5. Deselect the setting groups you do not wish to clone.

   Note: Select **View Feature Details** to display additional information about some of the cloned settings. Click **Hide Feature Details** to close the details window. When the details window is open you cannot access the **Install Clone File** section of the page (see "Distributing a Clone File.")

6. Click **Clone**.

7. Provide the administrator user name and password, when prompted.

8. Right click the **cloning.dlm** link. Select **Save Target As**.

9. Rename the file as **cloning.dlm**. In the **Save as type** field, select **All Files**.

10. Click **Save**.

Distributing a Clone File

Multiple methods exist to submit a clone file, including use of CentreWare Web or a batch file. The following procedure submits a clone file to a single device.

1. Open a Web browser and enter the TCP/IP address of the WorkCentre/WorkCentre Pro to receive the cloned settings.

2. At the top of the device's Web interface, click **Index** and select **Cloning** from the list.

3. Scroll down to view the **Install Clone File** section of the page.
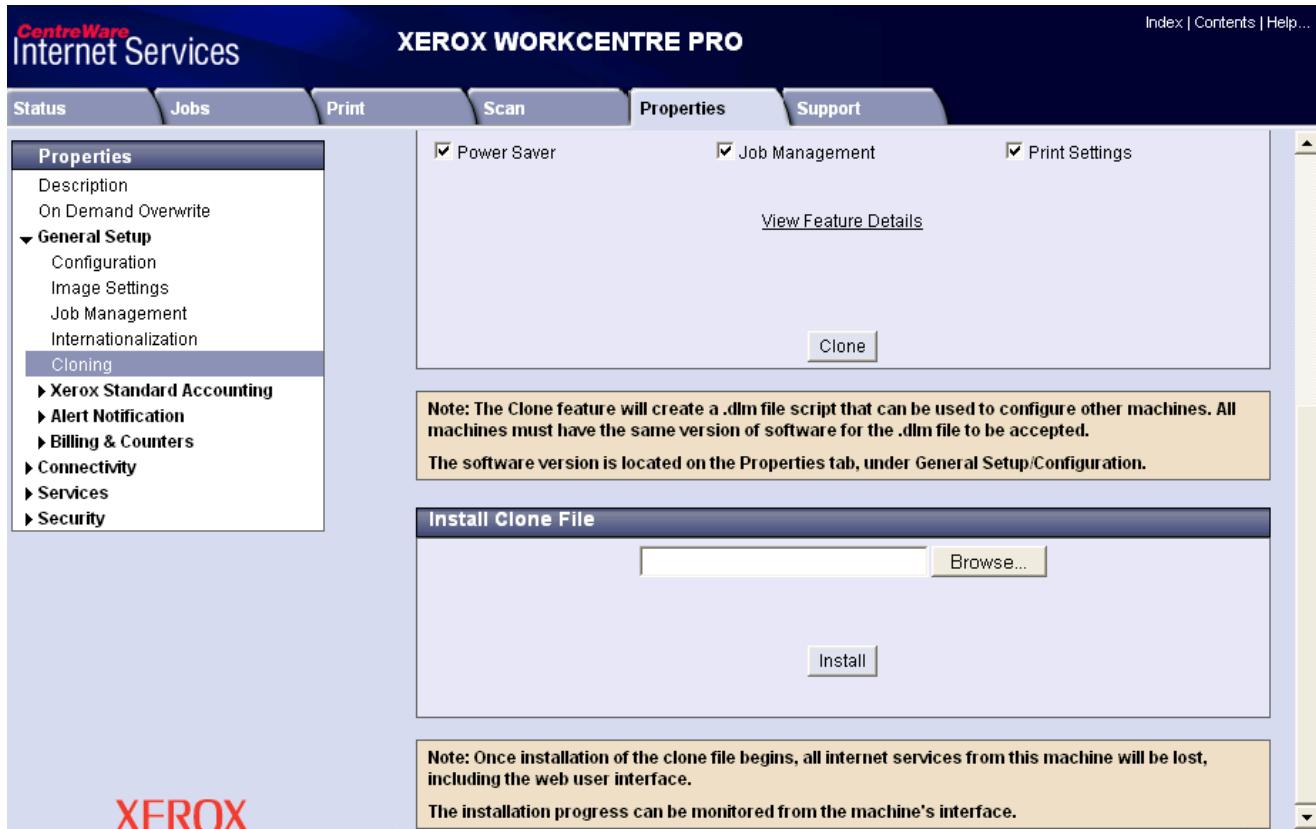
4. Click **Browse** and locate the .dlm file you wish to use.

5. Click **Install** to begin transferring the data in the clone file.

   Note: The device's Web UI is not available until the clone install is complete.

Additional Information

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