



KMnet Admin 3.0

Installation Guide



Upgrade Guideline for KMnet Admin 3.x and 2.x versions

This document describes how to upgrade KMnet Admin. Moving to KMnet Admin 3.x and to 2.x requires backup and restore operations from the previous versions. KMnet Admin version 1.01 requires an upgrade to version 1.5 before an upgrade to KMnet Admin 2.0 can be successful. The upgrade process can be executed in two steps: backup the older KMnet Admin version and restore into the new version.

Upgrading to KMnet Admin 3.x versions

Upgrade scenario 1 - Backup and restore for KMnet Admin 3.x

Upgrade from older KMnet Admin versions 3.0 to newer versions 3.0 or 3.x requires backup and restore operations.

To create a backup of KMnet Admin version 3.0, follow these steps:

1. Open KMnet Admin login page ([http://\[KMnet Admin server name or ip address\]:7478/kmnetadmin](http://[KMnet Admin server name or ip address]:7478/kmnetadmin)).
2. Log into Administration console.
3. Open Preferences menu and click "Database backup" menu item. The Database Backup will appear in the right view.
4. Select the "Immediate" option and click "Apply" button to start the Backup process.
5. Wait a few minutes while the backup file is created.
6. Open "C:\KMnetAdminBackup" folder (default path to backup folder) and locate the most recent backup zip file. An example of the filename format is "backup-1302169962015.zip".
Note: The user can change a path to backup folder by using "Backup Folder Path" icon on the Database Restore view's toolbar. If the path to backup folder has changed, the backup zip file should be located in the changed folder.
7. Remove KMnet Admin from Add/Remove Programs.

To restore backup file in KMnet Admin 3.0 or 3.x, follow these steps:

1. Install KMnet Admin 3.x or use a computer with KMnet Admin 3.x already installed.
2. If KMnet Admin 3.x was installed on different PC, copy the backup file created in previous version to "C:\KMnetAdminBackup" folder. If this folder does not exist, create it.
3. Log into Administration console.
4. Open Preferences menu and click "Database restore" menu item. The Database Restore will appear in the right view. The "backup-1302169962015.zip" file should be available in the Database Restore list view.
5. Select "backup-1302169962015.zip" backup file in the list view and click "Start Restore Process" icon on the right toolbar.
6. Click OK button on the warning message dialog to start Restore Process.
7. Wait a few minutes for KMnet Admin 3.x to restore.
8. After restore process has finished, click "Go to Login Page" button.

9. Login to the Administrator console and check for a successful restore of the Mail settings. After the restore process, the user “admin” password will be replaced with “admin”. For all other users (except “Admin”), the password will be set to “guest”.

Administration and Device Management consoles will be migrated completely from an older KMnet Admin 3.0 to the newer KMnet Admin version 3.0 or 3.x.

Upgrade scenario 2 - Backup and restore for KMnet Admin 1.03, 1.04, 1.5 and 2.0

Upgrade from KMnet Admin versions 1.03, 1.04, 1.5 and 2.0 to version 3.x requires backup and restore operations.

To create a backup of KMnet Admin version 1.03, 1.04, 1.5 or 2.0 follow these steps:

1. Open KMnet Admin login page ([http://\[KMnet Admin server name or ip address\]:7478/kmnetadmin](http://[KMnet Admin server name or ip address]:7478/kmnetadmin)).
2. Log into Administration console.
3. Select Database in the left tree (System – Maintenance – Database). The Database Backup will appear in the right view.
4. Select the “Immediate” option and click Submit to start the Backup process.
5. Wait a few minutes while the backup file is created.
6. Open “C:\KMnetAdmin\backup” folder and locate the most recent backup zip file. An example of the filename format is “backup-1251898073655.zip”.
7. Copy the most recent backup file into another folder on your hard disk.
8. If the upgrade is performed from version 1.03, 1.04 or 1.5, make a copy of Map View background images and Firmware files to restore those manually later.
9. Remove KMnet Admin from Add/Remove Programs.

To restore backup file in KMnet Admin 3.x, follow these steps:

1. Install KMnet Admin 3.x or use a computer with KMnet Admin 3.x already installed.
2. Copy the backup file created in previous version to “C:\KMnetAdminBackup” folder. If this folder does not exist, create it.
3. Log into Administration console.
4. Open Preferences menu and click “Database restore” menu item. The Database Restore will appear in the right view. The “backup-1251898073655.zip” file should be available in the Database Restore list view.
5. Select “backup-1251898073655.zip” backup file in the list view and click “Start Restore Process” icon on the right toolbar.
6. Click OK button on the warning message dialog to start Restore Process.
7. Wait a few minutes for KMnet Admin 3.x to restore.
8. After restore process has finished, click “Go to Login Page” button.
9. Log into the Administrator console and check for a successful restore of the Mail settings. After the restore process, the user “admin” password will be replaced with “admin”. For all other users (except “Admin”), the password will be set to “guest”.

Limitations:

1. The KMnet Admin 3.x doesn't support Accounting Manager and Print Job Manager consoles, so the information about these consoles will not be restored to KMnet Admin 3.x.
2. The KMnet Admin 3.x uses the Agents to communicate with devices. Each network in the KMnet Admin 3.x should be linked to the Agent. The KMnet Admin 2.0 and earlier versions communicate with devices directly (without Agents), so the networks of these previous versions were not linked to Agents. To solve compatibility issues between KMnet Admin 3.x and earlier versions, each network will be migrated to KMnet Admin 3.x with a link to Local Agent. If the KMnet Admin 3.x server is installed without Local Agent, the user should install Local Agent using stand-alone installer or setup remote Agent manually for each migrated network.
3. All devices in the KMnet Admin 3.x are linked to a specified network (it allows to add some devices with the same IP addresses from different networks to KMnet Admin). The KMnet Admin 2.0 and earlier doesn't have this functionality. To save compatibility between KMnet Admin 3.x and earlier versions, all devices will be migrated as Unmanaged with "Not connected" status. To make these devices managed, the user should discover all devices using Network Discovery process (Administration console) or using Add Devices dialog. After KMnet Admin 3.x discovers the devices, each device will be linked to specified network and it will be managed with actual device status.
4. The following Device Manager console settings cannot be migrated from KMnet Admin versions 1.03, 1.04, 1.5 to KMnet Admin version 3.x:
 1. Map view background image.
 2. Saved Firmware files.
 3. All log files.
 4. Default List View settings.

Upgrading to KMnet Admin 2.x versions

Upgrade scenario 1 - Backup and restore for KMnet Admin 2.0

Upgrade from KMnet Admin versions 2.0 to version 2.x requires backup and restore operations.

To create a backup of KMnet Admin version 2.0, follow these steps:

8. Open KMnet Admin login page ([http://\[KMnet Admin server name or ip address\]:7478/kmnetadmin](http://[KMnet Admin server name or ip address]:7478/kmnetadmin)).
9. Log into Administration console.
10. Select Database in the left tree (System – Maintenance – Database). The Database Backup will appear in the right view.
11. Select the "Immediate" option and click Submit to start the Backup process.
12. Wait a few minutes while the backup file is created.
13. Open C:\KMnetAdmin\backup folder and locate the most recent backup zip file. An example of the filename format is backup-1251898073655.zip.
14. Copy the most recent backup file into another folder on your hard disk

15. If the upgrade will be performed on your local computer, make a copy of any Map View background images and Firmware files to restore those manually later.
16. Remove KMnet Admin from Add/Remove Programs

To restore backup file in KMnet Admin 2.x, follow these steps:

10. Install KMnet Admin 2.x or use a computer with KMnet Admin 2.x already installed.
11. Open Services (Start → Control Panel → Administrative Tools → Services or type “services.msc” in the command prompt then press Enter)
12. Stop services for KMnetAdmin Report, KMnetAdmin.
13. Copy the backup file created in previous version to C:\KMnetAdmin\Restore folder. If this folder does not exist, create it.
14. Open a command prompt (Start → Run) and type “cmd” then press Enter.
15. In the command prompt, type “cd c:\kmnetadmin\bin” then press Enter.
16. Type “restore.bat c:\kmnetadmin\restore\<backup file name>” where backup file name is the file name created from version 1.01 (for example, “restore.bat c:\kmnetadmin\restore\backup-1251898073655.zip”) then press Enter. The restore process will be executed immediately. If no error messages appear during the restore, the process is successful.
17. Open Services (Start → Control Panel → Administrative Tools → Services or type “services.msc” in the command prompt then press Enter)
18. Start services for KMnet Admin and KMnet Admin Report
19. Wait a few minutes for KMnet Admin to start.
20. Open KMnet Admin login page ([http://\[KMnet Admin server name or ip address\]:7478/kmnetadmin](http://[KMnet Admin server name or ip address]:7478/kmnetadmin))
21. Log into the Administrator console and check for a successful restore of the Mail settings. After the restore process, the user “admin” password will be replaced with “admin”. For all other users (except “Admin”), the password will be set to “guest”.

Administration, Accounting and Device Management consoles will be migrated completely from KMnet Admin 2.0 to KMnet Admin version 2.x. Queues, Queue Groups, Users, Users Groups, Hosts and Configuration in Print Job Manager will be migrated completely too. However, Job information will be migrated with some limitations.

Print Job Manager console and My Print Jobs utility:

1. If the KM-HostAgent service is started and the Queues are set in Managed box, the data will be restored from a backup file and the queues data from a real Host Agent will be added to the Print Job Manager console.
2. If Host Agent and Job Release are removed and installed again on the same PC, the information about Active, Released and Completed Jobs will be available in MyPrintJobs utility. All Managed Queues will also be managed after reinstalling Host Agent. The information about jobs and Managed Queues will be lost only if the following folder “.../Program Files/Kyocera/KM-HostAgent/SpoolFolder/...” is removed after Host Agent is uninstalled (SpoolFolder contains the information about jobs).
3. In case of installing new versions of Host Agent and Job release on different PC, all information will be lost. The data shown in My Print Jobs utility will be taken from SpoolFolder of this PC. It is not possible to backup data by copying SpoolFolder from one PC to another

Upgrade scenario 2 - Backup and restore for KMnet Admin 1.03, 1.04, 1.5

Upgrade from KMnet Admin versions 1.03, 1.04, 1.5 to version 2.0 requires backup and restore operations.

To create a backup of KMnet Admin version 1.03, 1.04, 1.5, follow these steps:

17. Open KMnet Admin login page ([http://\[KMnet Admin server name or ip address\]:7478/kmnetadmin](http://[KMnet Admin server name or ip address]:7478/kmnetadmin)).
18. Log into Administration console.
19. Select Database in the left tree (System – Maintenance – Database). The Database Backup will appear in the right view.
20. Select the “Immediate” option and click Submit to start the Backup process.

21. Wait a few minutes while the backup file is created.
22. Open C:\KMnetAdmin\backup folder and locate the most recent backup zip file. An example of the filename format is backup-1251898073655.zip.
23. Copy the most recent backup file into another folder on your hard disk
24. If the upgrade will be performed on your local computer, make a copy of any Map View background images and Firmware files to restore those manually later.
25. Remove KMnet Admin from Add/Remove Programs

To restore backup file in KMnet Admin 2.0, follow these steps:

22. Install KMnet Admin 2.0 or use a computer with KMnet Admin 2.0 already installed.
23. Open Services (Start → Control Panel → Administrative Tools → Services or type “services.msc” in the command prompt then press Enter)
24. Stop services for KMnetAdmin Report, KMnetAdmin.
25. Copy the backup file created in previous version to C:\KMnetAdmin\Restore folder. If this folder does not exist, create it.
26. Open a command prompt (Start → Run) and type “cmd” then press Enter.
27. In the command prompt, type “cd c:\kmnetadmin\bin” then press Enter.
28. Type “restore.bat c:\kmnetadmin\restore\<backup file name>” where backup file name is the file name created from version 1.01 (for example, “restore.bat c:\kmnetadmin\restore\backup-1251898073655.zip”) then press Enter. The restore process will be executed immediately. If no error messages appear during the restore, the process is successful.
29. Open Services (Start → Control Panel → Administrative Tools → Services or type “services.msc” in the command prompt then press Enter)
30. Start services for KMnet Admin and KMnet Admin Report
31. Wait a few minutes for KMnet Admin to start.
32. Open KMnet Admin login page ([http://\[KMnet Admin server name or ip address\]:7478/kmnetadmin](http://[KMnet Admin server name or ip address]:7478/kmnetadmin))
33. Log into the Administrator console and check for a successful restore of the Mail settings. After the restore process, the user “admin” password will be replaced with “admin”. For all other users (except “Admin”), the password will be set to “guest”.

Administration console will be migrated completely from KMnet Admin 1.03, 1.04, 1.5 to KMnet Admin version 2.0. Queues, Queue Groups, Users, Users Groups, Hosts and Configuration in Print Job Manager will be migrated completely too. However, Job information will be migrated with some limitations. List View (tabs and columns) and Diagram settings (tabs,) in the Accounting console will be set to the default. The following settings cannot be migrated from KMnet Admin versions 1.03, 1.04, 1.5 to KMnet Admin version 2.0:

Device Manager console:

5. Map view background image.
6. Saved Firmware files.
7. All log files.
8. Default List View settings set back to factory default

Accounting console:

1. Console Settings (Device ID, Account ID, Rows per Page).
2. List View (tabs and columns) will be set to the default.
3. Diagram settings (tabs, sort) will be set to the default.
4. Group polling schedule for group “All Devices” will be set to the default value “Every 3 hours”.

Print Job Manager console and My Print Jobs utility:

Print Job Manager has no option to backup/restore Jobs. Host Agent and Job Release are separate components which perform the actual job tracking on the current PC. However, in case of upgrade on the same PC, KMnet Admin will load the Job data from the previous installation.

If Host Agent and Job Release are removed and installed again on the same PC, the information about Active, Released and Completed jobs will be available in My Print Jobs utility. All Managed Queues will also be managed after reinstalling Host Agent. The information about the jobs and Managed Queues will be lost only if the following folder .../Program Files/Kyocera/KM-HostAgent/SpoolFolder/... is removed after Host Agent is uninstalled (SpoolFolder contains the information about jobs).

In case of installing new versions of Host Agent and Job release on different PC, all information will be lost. The data shown in My Print Jobs utility will be taken from SpoolFolder of this PC. It is not possible to backup data by copying SpoolFolder from one PC to another.

Upgrade scenario 3 - Backup and restore for KMnet Admin versions 1.01, 1.02 to KMnet Admin version 1.5

Upgrade from KMnet Admin versions 1.01 and 1.02 to version 2.0 requires installing KMnet Admin 1.5 and performing backup and restore operations in the following order:

1. Backup and remove KMnet Admin 1.01 or 1.02. Follow the backup steps described in upgrade scenario 1, with the exception of the KMnet Admin login page URL which should be http://[KMnet Admin server name or ip address]:8080/kmnetadmin.
2. Install KMnet Admin 1.5 and restore the backup. For the restore steps described in upgrade scenario 1, with the addition of the step to stop and start JBoss Service with KMnet Admin Service.
3. Backup and remove KMnet Admin 1.5. Follow the backup steps described in upgrade scenario 1.
4. Install KMnet Admin 2.0 and restore from the backup. Follow the restore steps described in upgrade scenario 1.

In the upgrade for KMnet Admin versions 1.01 and 1.02 through KMnet Admin 1.5 to KMnet Admin version 2.0, the following default settings will be set:

Administrator console:

SNMP timeout will be set to 0 for each network.

Device Manager console:

1. List View (tabs and columns) will be set to the default.
2. The number of rows per page will be set to the default (20 rows).
3. Images will not be migrated in Map View, only the default sample images will be displayed.
4. Preferences/ Alert Configuration/ Custom Alert Sets will be set to the default names (Custom1, Custom2, etc), but Selected Alerts for Custom Alert Sets will be migrated.
5. Special Alerts and Alert Details will be set to the default.
6. Custom Properties will be set to the default.
7. Unmanaged devices on the Local Network will become managed. Unmanaged devices on a remote network will remain unmanaged.
8. Saved Firmware files and all log files will not be migrated.

Accounting console:

1. List View (tabs and columns) will be set to the default.
2. Console Settings will not be migrated (Device ID, Account ID, Rows per Page).
3. Diagram settings (tabs, sort) will be set to the default.
4. Group polling schedule for group “All Devices” will be set to the default value “Every 3 hours”.

Print Job Manager console:

Purge policy will be set to the default (90 days).

Legal Notes

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Examples of the operations given in this guide support the Microsoft Windows Server 2008 R2 printing environment. Essentially the same operations are used for Microsoft Windows XP, Vista, and Windows 7 environments.

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Installation

The KMnet Admin installation consists of two main software components or consoles: Administration and Device Manager. The KMnet Admin Agent and Multi-Set Template Editor are included in the installation, and are also available as separate installers along with the Local Device Agent (LDA). The KMnet Admin Agent and Multi-Set Template Editor can be installed locally or remotely at multiple sites.

The Administration console lets you manage user accounts and roles, user subscriptions, network discovery, and system settings. The Device Manager console lets you manage device data, reports, polling, alerts, and preferences.

The KMnet Admin Agent is a service that communicates network device information to KMnet Admin. The LDA is a service that communicates information about USB-connected Kyocera devices on a network. The Multi-Set Template Editor lets you create or change settings templates.

Required third party software, Java 2 SDK 6.0 and PostgreSQL 8.3, is provided. For Windows versions prior to Vista, KMnet Admin Agent installation requires Microsoft .NET Framework 3.5 Service Pack 1.

System Requirements

Supported Operating Systems

Microsoft Windows® Server 2003 R2 / 2008 R2

Microsoft Windows® XP Professional 32 bit with Service Pack 3 or later

Microsoft Windows® XP Professional 64 bit with Service Pack 2 or later

Windows Vista™ 32 bit

Windows Vista™ 64 bit with Service Pack 1 or later

Windows 7™ 32 bit

Windows 7™ 64 bit

CPU and Memory Requirements

Memory and CPU requirements vary depending on the number of managed devices and networks. Insufficient CPU or available memory may cause the application to be very slow or to stop responding.

The following examples provide rough estimates for minimum system requirements for various environments.

Small to Medium

Devices: Up to 500

Number of supported networks: Up to 10

KMnet Admin Server

CPU: 2.0 GHz, 2.0+ GHz, 1 CPU

Memory: 1 GB, 2 GB

Hard Disk space: 500 MB, 1 GB

KMnet Admin Agent

CPU: 2.0 GHz, 1 CPU

Memory: 1 GB

Hard Disk space: 100 MB

Enterprise

Devices: Up to 3000

Number of supported networks: Up to 50

KMnet Admin Server

CPU: 3.0 GHz, 2+ CPU

Memory: 4 GB

Hard Disk space: 2+ GB

KMnet Admin Agent

CPU: 2.0 GHz, 2+ CPU

Memory: 1 GB

Hard Disk space: 100 MB

Supported Browsers

Microsoft Internet Explorer 7 or later. Cookies must be enabled.

Supported Printers

Kyocera network printers and most third-party network printers that support the standard printer Management Information Base (MIB), and printers connected locally to network computers.

Supported Languages

English, French, German, Italian, Japanese, Portuguese, Spanish.

Server Installation

The KMnet Admin server installer provides an easy and intuitive process for installing and configuring KMnet Admin. The wizard gathers the administrator's selections and system information to prepare the installation.

To ensure secure communication, the time setting must be no more than 1 minute apart on server and agent computers. For computers in different time zones, use a global time server or domain time server to ensure synchronized time settings.

Configuring and Installing the Server

You can select options and install the KMnet Admin Server.

- 1** Make sure your firewall is configured correctly to allow communication between KMnet Admin components (TCP port: 8731). KMnet Admin cannot be installed on a server used as a domain controller.
- 2** Once the KMnet Admin zip file has been extracted to your preferred server, in the KMnet Admin installation files click **setup.exe** to start the installation wizard. On the wizard **Welcome** page, click **Next**.

- 3** On the **License Agreement** page, read the license agreement carefully. You can click **Print** to view and print a copy of the license agreement for your records. To proceed with the KMnet Admin installation, select **I accept the terms of the license agreement**. Click **Next** to proceed with the installation, or click **Cancel** to exit the setup program.
- 4** On the **Choose Destination Location** page, click **Next** to accept the default folder, or click **Change** to browse to another folder of your choice. Click **Next**.
The installer verifies that the ports for KMnet Admin are not being used by other programs. This occurs only once per installer session, even if you click **Back**, and then return to this page again.
- 5** The **Select the Local Network** page only appears if the host computer contains multiple live network cards. Select the network to be used as the local network in KMnet Admin, and click **Next**.
- 6** On the **Add Server Network** page, you can choose to include discovery of the local network. For example, an administrator may only want to manage the network devices of a customer and not the devices on the administrator's local network. Select **Discover devices on the local network**, or **All the networks will be remote**. Click **Next**.
- 7** The **Password** page appears if PostgreSQL was not previously installed on the computer. Enter a compliant password and click **Next**.
- 8** The **Ready to Install the Program** page displays the initial user names and passwords which are used the first time an administrator or user logs in to KMnet Admin. Click **Install**. The **Setup Status** page and informational messages display the progress of the automatic installation.
- 9** When the **InstallShield Wizard Complete** page appears, select **Open the KMnet Admin login page** to go to the login page. To close the wizard without going to the login page, clear this option. Click **Finish**.

PostgreSQL Files

The KMnet Admin installer automatically installs the PostgreSQL database if it is not already installed. If the installer detects previous PostgreSQL files, a message appears at the beginning of the KMnet Admin server installation wizard, and the installation is canceled.

If you want to completely uninstall KMnet Admin from your computer, you may want to remove the previous PostgreSQL files before reinstalling the application. You should back up your data before uninstalling.

By default, the KMnet Admin database connects to the PostgreSQL server through port 5432.

Removing PostgreSQL Files

You must remove PostgreSQL files and KMnet Admin Windows user account from the server, to ensure a clean reinstallation.

- 1** Click **Start > Control Panel**.
- 2** Under **User Accounts**, click **Change account type**.

- 3 In the **User Accounts** dialog box, click the **Advanced** tab, and then click **Advanced**.
- 4 In the left pane, click **Users**.
- 5 Right-click on **KMnetAdmin** and click **Delete** to remove it from the list.
- 6 Remove any remaining user data by deleting the entire PostgreSQL folder at C:\Program Files\PostgreSQL (C drive is the default).

Remote Agent Installation

The KMnet Admin Agent is a service that communicates network device information to KMnet Admin. Agents can be installed on the KMnet Admin server and on remote computers.

To ensure secure communication, the time setting must be no more than 1 minute apart on server and agent computers. For computers in different time zones, use a global time server or domain time server to ensure synchronized time settings.

RPC Connections for Remote Agent Installation

For agent installation on a remote computer with a Windows operating system of 2003 or later, the Remote Procedure Call (RPC) endpoint for the spooler must be set up to allow agent connections.

Allowing the Remote Agent to Access Client Connections

The administrator can set policies that are applied to the computer for any user who logs on. The **Allow Print Spooler to accept client connections** policy manages access to the print spooler.

- 1 In the **Local Group Policy Editor**, click **Computer Configuration > Administrative Templates > Printers**.
- 2 From the **Setting** list, double-click the **Allow Print Spooler to accept client connections** policy.
- 3 Select **Enabled** so the print spooler will always accept client connections.
- 4 Click **OK**.
- 5 Restart the print spooler for changes to this policy to take effect.

Remote Networks and Remote Agents

You can obtain access, establish communication, and add a network and agent to a remote computer. Make sure you have the user name, password, domain, and IP address of the remote computer. You may have to ask the computer administrator about your system-specific settings. The remote computer's firewall must be turned off, or ports TCP 8731 and UDP 162 need to be enabled for incoming connections in the firewall.

Adding a Remote Network and Remote Agent

You can add a network and agent to a remote computer.

- 1 Open KMnet Admin in your Internet browser.
- 2 Open the port remotely, or ask the computer administrator to do it.
In the **Administration** console, click **Preferences > Networks and agents > Add Network**, and proceed through the wizard to the **Enter the Agent Details** page.
- 3 Type the **Agent Name** and **Agent IP Address**. Type the **Agent Port** and **Agent Timeout**, or accept the defaults. Under **Administrator login information for the remote host** (available if you selected New Agent in the previous page), type the **Agent Login**, **Agent Password**, and **Agent Domain** of the administrator. Click **Next**.
- 4 Continue and finish the **Add Network** wizard.

Stand-alone Agent Installation

In some situations, an administrator may want to install an agent on a network other than KMnet Admin. The administrator can send an agent installation package to a remote user, and the user can manually install the agent at their location. If security and communication is set up, KMnet Admin can then manage the new remote agent.

To ensure secure communication, the time setting must be no more than 1 minute apart on server and agent computers. For computers in different time zones, use a global time server or domain time server to ensure synchronized time settings.

Installing an Agent with the Stand-alone Installer

You can install an agent at a location that is remote from the KMnet Admin server.

- 1 Copy the folder C:\Program Files\Kyocera\KMnet Admin\install\agent\standalone-install (C drive is the default) to the target computer.

Note: A security certificate is created during the installation of KMnet Admin that links the agents to it. You must use the folder at the path above to create a stand-alone agent installer. If you use a folder from the KMnet Admin package before it is installed on your server, agent communication will fail.

- 2 Open the folder and run the **Setup.exe** file. You must have administrator rights on the computer.
- 3 On the **Install Service** page, click **Install**. The progress of the installation is displayed on the next page. The agent service files are copied to the KMnet Admin location in the folder: C:\Program Files\Kyocera\KMnet Admin Agent (C drive is the default).
- 4 On the **Installation Completed** page, click **Close** to exit the wizard.

Adding a Network to a Remote Agent

You can add a network to an existing remote agent (installed by the stand-alone installer).

- 1 Open KMnet Admin in your Internet browser.
- 2 In the **Administration** console, click **Preferences > Networks and agents > Add Network**, and proceed through the wizard to the **Enter the Agent Details** page.
- 3 Type the **Agent Name**, and **Agent IP Address**. Type the **Agent Port**, and **Agent Timeout**, or accept the defaults. Leave the administrator login information blank. Click **Next**.
- 4 Continue and finish the **Add Network** wizard.

USB Device Connections

KMnet Admin can discover and manage local USB devices (connected to computers in the network) through the Local Device Agent (LDA). It displays them in the device list the same way as network-connected devices. The LDA can support several USB connected devices at the same time, but KMnet Admin shows only one of them.

Install the USB device to the computer first, then the LDA.

Requirements

The following requirements are needed for the USB connection and LDA to function correctly:

- KMnet Admin must be installed and operating on the server.

- Microsoft Windows XP SP3 or later operating system must be installed on the computer.

- Microsoft .NET Framework 3.5 must be installed on the computer.

- The computer must have at least one connected local Kyocera USB device.

- The computer must have a real network interface card.

- The computer must be connected to the network.

- The computer must have an IP address in the connected network.

- TCP port numbers 9000 and 9072 on the computer must be free and not blocked by a firewall.

- The user installing the LDA must have administrator rights to install a Microsoft Windows service.

Connecting a USB device

You can connect a local device via USB to a network computer. The device can then be discovered and managed by the application.

- 1 Ensure that KMnet Admin is installed and operating.
- 2 Select another computer located on the same network as the server.

- 3 On the computer, install the KX driver of the USB model printing device.
- 4 Connect the device to the computer with a USB cable.
- 5 Continue by installing the LDA service on the computer.

Local Device Agent Installation

The Local Device Agent (LDA) is a Microsoft Windows service that lets the agent discover and manage local devices that are connected to network computers through USB ports. The LDA service is installed and started on a computer with a local USB device. LDA uses the computer's IP address to communicate with the agent. The KMnet Admin server has a *Connection type* column to distinguish whether the device is network- or locally-connected.

The types of device properties that can be requested through the LDA vary according to the printing system model. Local USB devices do not support the full list of properties that are supported by the same model on a network. The LDA does not support setting of properties for a local connected device.

Note: USB-connected devices cannot be opened by the KMnet Admin server through the device home page. The LDA service cannot be used at the same time with some other utilities, such as the **Status Monitor**. If the LDA service does not start, try disabling the Status Monitor and restarting the LDA service.

Installing a Local Device Agent

You can install a Local Device Agent (LDA) to discover and manage local devices that are connected to network computers through USB ports. The USB device must be connected to the target computer before installing the LDA.

- 1 Copy the folder C:\Program Files\Kyocera\KMnet Admin\install\local-device-agent (C drive is the default) to the target computer.
- 2 Open the folder and run the **Setup.exe** file. You must have administrator rights on the computer.
- 3 On the **Welcome** page of the LDA installation wizard, accept the default folder or click **Browse** to select another folder. Click **Next**. The LDA service files are copied to the selected location in the **Program Files** folder.
- 4 On the **Confirm Settings** page, verify that the installation settings are correct. Click **Install**. The progress of the installation is displayed on the next page.
- 5 On the **Installation Completed** page, click **Close** to exit the wizard.

Multi-Set Template Editor Installation

With the **Multi-Set Template Editor**, you can create or change template files to use in KMnet Admin's Multi-Set feature. The template files specify settings for particular groups of devices that are managed by KMnet Admin.

Installing the Multi-Set Template Editor

You can install an editor for Multi-Set templates.

- 1 Copy the folder C:\Program Files\Kyocera\KMnet Admin\install\multiset-template-editor (C drive is the default) to the target computer.
- 2 Open the folder and run the **Setup.exe** file. You must have administrator rights on the computer.
- 3 On the **Welcome** page of the installation wizard, accept the default folder or click **Browse** to select another folder. Click **Next**. The Multi-Set Template Editor files are copied to the selected location.
- 4 On the **Confirm Settings** page, verify if the installation settings are correct. Click **Install**. The progress of the installation is displayed on the next page.
- 5 On the **Installation Completed** page, click **Close** to exit the wizard.

KMnet Admin Login

At the end of the installation wizard, you can leave the **Open the KMnet Admin login page** check box selected to open the application after clicking **Finish**. Once the application is opened, you can use the browser to bookmark the **KMnet Admin** web address.

On the login page, you can use the same word for the **User name** and **Password**:

An administrator uses **admin**

A read-only user uses **guest**

For greater security, we recommend changing the default passwords immediately after the first login.

Note: To prevent the browser from freezing, do not use the keyboard shortcut Ctrl+N to open a new window while the application is running.

Starting and Logging In

You can start **KMnet Admin** from Internet Explorer 7 or later.

- 1 In the browser, click the application's address in **Favorites** or history, or type the address in the format: http://<computer name>:7478/kmnetadmin/
- 2 On the login page, type the **User name** and **Password**.
- 3 Choose a console to open:
 - Open the default console**

The default console is displayed. You can later change the console to set as the default.
 - Choose a console to open**

Click this option, then choose a console from the list.
- 4 Click **Log in**.

