

# 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).