

## Title: Upgrade procedure of KVM.net System

No: IPA6-2

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### **SUMMARY:**

Upgrade of KVM.net requires creating backup of existing database, upgrading the KVM.net Manager and then upgrading firmware of all connected devices.

### **MORE INFORMATION:**

Using winscp.exe ([www.minicom.com/support/kvmnet/winscp.exe](http://www.minicom.com/support/kvmnet/winscp.exe)) software, upload files kvm.net.4.0.2.5.zip and upgrade.sh to /misc folder in KVM.net Manager.

On the KVM.net console or by using PuTTY.exe ([www.minicom.com/support/kvmnet/putty.exe](http://www.minicom.com/support/kvmnet/putty.exe)) software, login to KVM.net Manager Linux shell with root permissions (default password for **root** account is **access**) and create a backup of the existing database, refer to the document *IPA3-2KVM.net Manager Database Backup and Restore.pdf* for more information.

Change permissions of the upgrade.sh file by running `chmod a+x upgrade.sh` command in /misc folder.

Upgrade the KVM.net Manager by running `./upgrade.sh kvm.net.4.0.2.5.zip` command. KVM.net Manager will reboot automatically after the upgrade.

After KVM.net Manager will restart, login to its web interface and upload the updated firmware file for client and devices on the upgrade page of the KVM.net. KVM.net Manager will start updating devices at 5 at a time rate. Make sure that all users are logged out of the system and don't connect to targets/servers during the firmware upgrade of the devices.

### **COMMENTS:**

This firmware upgrade procedure is designed for upgrading KVM.net Manager from any version 4.0.x.x to version 4.0.2.5 only. It may be suitable for upgrading to higher versions as well. Refer to Minicom Technical Support personnel [support@minicom.com](mailto:support@minicom.com) for any questions regarding this firmware upgrade or firmware upgrade of older versions of KVM.net systems. Upgrade of KVM.net Replication (Slave) unit performed in the same way as upgrading KVM.net Master unit, except creating the database backup. No need to create database backup for KVM.net Replication unit.

You may use Midnight Commander (**mc**) for fast navigation in Linux shell of KVM.net. To run Midnight Commander type `mc` in the KVM.net console or in PuTTY.exe after you login to KVM.net Manager.