

Title: KVM.net Manager Database Backup and Restore**No: IPA3-2****Date: Monday, 03 September, 2007****SUMMARY:**

While KVM.net web interface allows creating backup schedule to backup the system database to network share, it may be needed to create a KVM.net database backup immediately without waiting for the backup schedule. To create the database backup you will need to run some scripts in the Linux shell of the KVM.net Manager.

MORE INFORMATION:**Backing Up the KVM.net system database.**

Using KVM.net Manager console or by using PuTTY.exe application (www.minicom.com/support/kvmnet/putty.exe) navigate to /replicom/scripts folder of KVM.net Manager.

Stop tomcat5 service: `service tomcat5 stop`

Run bkdb.sh script (`./bkdb.sh`) and type the name of backup file with .ldif extension, i.e. `backup.ldif`.

Wait for process to finish and then start tomcat5 service: `service tomcat5 start`

Copying database file out of the KVM.net Manager.

Using WinSCP software, copy database backup file (`backup.ldif`) from KVM.net Manager unit to your workstation or to any other network location. This backup file will be used for restoring the database after firmware upgrade of the KVM.net Manager.

Restoring previously created backup file to KVM.net Manager

You may need to restore previously created backup file to KVM.net Manager in one of the following cases:

- Upgrade to KVM.net Manager was performed which resulted in clean database
- KVM.net Manager unit was replaced by the new unit for some reason
- Human mistake corrupted the database and restoring backup would be a faster option than correcting the mistake.

To restore the KVM.net database from previously created backup file perform the following steps:

- Using WinSCP software copy backup file (`backup.ldif`) to KVM.net Manager to /replicom/scripts folder.
- On KVM.net Manager console or by using PuTTY.exe application navigate to /replicom/scripts folder and stop the tomcat5 service: `service tomcat5 stop`
- Delete old or default KVM.net database by running `deldb.sh` script: `./deldb.sh`
- Restore KVM.net database from backup by running `rsdb.sh` script: `./rsdb.sh`. Enter the name of backup .ldif file when prompted. Import errors will be logged to `r1.backup.ldif` and `r2.backup.ldif` files.
- Start tomcat5 service: `service tomcat5 start`

- Load the latest upgrade file of Client and IP devices to KVM.net Manager on the “Upload system upgrade” page. Load the latest switch file to KVM.net if needed.
- Configure KVM.net Password policy and Idle timeout on Account policy page.

COMMENTS:

Contact Minicom Technical Support department at support@minicom.com for the latest Client and IP devices firmware and for latest Switch Definition File (SDF) for KVM.net.

Running rsdb.sh script without deleting the KVM.net Manager database by using delldb.sh script, will result in merging of backup database with existing database.

When using PuTTY.exe application, connect to KVM.net Manager using SSH protocol and use root account password. Default root account password is *access*.

Don't forget to change the default password to block unauthorized access to your KVM.net system.