

## **Title: Configuring KVM.net Slave unit to be a Master unit to take over a failed Master unit**

**No: IPA5-3**

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### **SUMMARY:**

### **MORE INFORMATION:**

#### **Instructions for configuring KVM.net Slave unit to be a Master unit to take over a failed Master unit.**

1. Shutdown the Master unit or disconnect it from the network to avoid network conflicts.
2. Configure the Slave's unit IP Address to be same as the original Master's unit IP address. (Use `system-config-network` utility using local console or PuTTY.exe)
3. Restart network service: `service network restart` on Slave machine.
4. On the Slave unit run `./be_stand_alone.sh` script which is located in the `/Replicom/Scripts` folder.

#### **Instructions for setting KVM.net Slave unit back to Slave mode after the Master unit has been restored.**

**Option 1.** Configuring original Slave Unit to operate as slave and original Master unit to operate as master.

1. Configure the IP Address of the Slave KVM.net to something different than Master's and Slave's IP addresses. (Use `system-config-network` and then restart the network service: `service network restart`.)
2. Start Master unit.
3. After the Master unit fully booted, stop the tomcat5 service on Master unit `service tomcat5 stop` and then run the `./ldapreplica.sh` script on the Slave unit in order to synchronize the databases between the Slave unit and Master unit. `ldapreplica.sh` script is located in `/replicom/scripts` folder of the KVM.net unit. Type the Master's IP address when prompted.
4. After the script finishes, assign the Slave's IP address to the Slave unit. (Use `system-config-network` and then restart the network service: `service network restart`.)
5. On the Slave unit run `./be_slave.sh` script to configure the Slave unit to hold the database replication.
6. On the Master unit run `./be_master.sh` script to start database replication between Master and Slave units.

**Option 2.** Configuring original Slave unit to operate as master and original Master unit to operate as slave.

1. Switch on the Master unit but don't connect it to the network.

2. Configure its IP Address to be the same as original Slave IP address. (Use `system-config-network` and then restart the network service: `service network restart`.)
3. Connect the unit to the network.
4. On the original Master unit stop the tomcat5 service: `service tomcat5 stop`
5. On the original Slave unit run the `./ladapreplica.sh` script to synchronize the Slave and Master databases. Type IP address of the original Mater unit when prompted.
6. On the original Master unit run `./be_slave.sh` script to change its role to Slave. Type IP address of the original Slave unit when prompted.
7. On the original Slave unit run `./be_master.sh` to change its role to master. Type IP address of the original Master unit when prompted.

### **COMMENTS:**

All configurations above can be performed on KVM.net Manager local console or by using PuTTY.exe software.

Download the PuTTY.exe software from the following link:

[www.minicom.com/support/kvmnet/PuTTY.exe](http://www.minicom.com/support/kvmnet/PuTTY.exe)

This document is for KVM.net version 4.0.1.1 or later. For KVM.net version 3.40.xx refer to IPA5-2 document.