

PBXware 3.0 upgrade requirements

Contents

1	System requirements	1
2	PBXware configuration migration	2

1 System requirements

By system I assume operating system kernel, collection of required program utilities, and drivers. To successfully run PBXware 3.x there is following requirements:

- Linux kernel should be at version 2.6.32 or higher, check this by simple typing following command at command line shell prompt:

```
~# uname -r  
2.6.32.10-vs2.3.0.36.29.2
```

- If Linux kernel is older then required, then system have to be reinstalled to PBXware 3.x version system. This requires to make a backup of existing PBXware system or VPSes and after installation they must be restored on new system for second part of upgrade procedure. In minimum you need provide sufficient backup storage.
 - In order to reduce down time of SERVERware system, its recommended to install temporary spare machine where VPSes can be moved and run till upgrade procedure is completed. Bicomsystems support can provide you with url of iso/usb installation image for relevant system version required for temporary host/s.
- Otherwise:
 - Zaptel must be replaced with Dahdi version 2.2.1. After this upgrade PBXware 2.x version will be functional but not be able to run conferences, until version 3.x is put in place.
 - In case of SERVERware, PBXware 3.x template for creating new VPSes must be installed.
 - For PBXware new version of PBXware then must be installed (keeping old one)

2 PBXware configuration migration

PBXware can't be just updated from version 2.x to 3.x in automated way as this is a case for all minor versions. It requires either to start with new blank PBX system or migrate configuration from old one after installing new one. For this reason its important to create backup of complete PBXware or VPSes when reinstalling a system.

- Migration for SERVERware requires new empty VPS 3.x from updated template to be created, then on VPS still running 2.x version configuration must be dumped and moved to new VPS where it will be imported. After this and all other data that may be required are moved, new VPS should replace old one. This must be done per each VPS.
 - In case of PBXware, old version configuration must be restored on reinstalled or updated system and dumped. After dumping configuration old version must be stopped completely and started 3.x version for importing configuration. After successful data migration old version should be removed.

All this migration steps must be performed manually and done by Bicomsystems support personnel person. In order to do that its required to provide ssh access to relevant systems. KVM access is higly recomended, but it must be if there is no one with physical access to machines during upgrade in order to assist on problems that may occur that are not possible to handle trough remote access as ssh.