

Install PIAF 2.0.6.5.0 on existing CentOS of a VPS

????CentOS 6.4 64-bit

?? PIAF2 ISO ?

????<http://sourceforge.net/projects/pbxinaflash/files/> ????? PIAF-2.0.6.5.0-CentOS-6.5?

```
# cd ~
# wget -O pbxinaflash20650-x86_64.iso "http://sourceforge.net/projects/pbxinaflash/files/PIAF-2.0.6.5.0-CentOS-6.5/pbxinaflash20650-x86_64.iso/download"
# mkdir /mnt/iso
# mount -o loop pbxinaflash20650-x86_64.iso /mnt/iso
```

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```
# cat << "EOF" > /etc/yum.repos.d/CentOS-Local.repo
[c6-local]
name=CentOS-$releasever - Media
baseurl=file:///mnt/iso/
gpgcheck=0
enabled=0
EOF
```

?? ISO ??????????

```
# yum --disablerepo=* --enablerepo=c6-local downgrade krb5-libs mysql-libs python \
glib2 openssl python-libs curl libxml2 libcurl libtasn1 glibc glibc-common
```

```
# yum --disablerepo=* --enablerepo=c6-local upgrade
```

```
# yum --disablerepo=* --enablerepo=c6-local groupinstall \
additional-devel base cifs-file-server compat-libraries \
console-internet core debugging development mail-server \
ftp-server hardware-monitoring java-platform legacy-unix \
mysql network-file-system-client network-tools php performance \
perl-runtime security-tools server-platform server-policy \
system-management system-admin-tools web-server
```

```
# yum --disablerepo=* --enablerepo=c6-local install \
kernel-devel php php-mysql php-gd php-mbstring php-pear \
php-pear-db perl perl-libwww-perl perl-DateManip perl-DBD-mysql \
perl-DBI perl-Net-DNS perl-suidperl perl-XML-Parser \
audiofile-devel dhcp gd lm_sensors libusb-devel mysql-devel \
gcc-c++ flite flite-devel automake xinetd tftp-server piafdl \
piafxtras joe gtk2 gtk2-devel arts arts-devel esound-devel \
jack-audio-connection-kit lcms libart_lgpl-devel libogg-devel \
libvorbis-devel nas pulseaudio-libs SDL alsa-lib-devel libmng \
```

```
libtool-ltdl libtool-ltdl-devel qt dialog coreutils sqlite-devel \
libstdc++-devel tzdata ntp ntpdate php-process php-imap php-xml
```

```
# yum install krb5-libs mysql-libs python glib2 openssl python-libs \
curl libxml2 libcurl libtasn1 glibc glibc-common
```

??????

```
/usr/sbin/ntpdate -su pool.ntp.org
```

??????????

```
mkdir -p /etc/pbx
mkdir -p /etc/viaf
mkdir -p /etc/siaf
mkdir -p /etc/xiaf
mkdir -p /etc/yiaf
mkdir -p /etc/ciaf
mkdir -p /etc/fiaf
mkdir -p /etc/miaf
date --iso-8601=minutes > /etc/pbx/.installdate
date --iso-8601=minutes > /etc/viaf/.installdate
date --iso-8601=minutes > /etc/siaf/.installdate
date --iso-8601=minutes > /etc/xiaf/.installdate
date --iso-8601=minutes > /etc/yiaf/.installdate
date --iso-8601=minutes > /etc/ciaf/.installdate
date --iso-8601=minutes > /etc/fiaf/.installdate
date --iso-8601=minutes > /etc/miaf/.installdate
echo "20650" > /etc/pbx/.isoversion
echo "20650" > /etc/viaf/.isoversion
echo "20650" > /etc/siaf/.isoversion
echo "20650" > /etc/xiaf/.isoversion
echo "20650" > /etc/yiaf/.isoversion
echo "20650" > /etc/ciaf/.isoversion
echo "20650" > /etc/fiaf/.isoversion
echo "20650" > /etc/miaf/.isoversion
echo "ks" > /etc/pbx/.installmethod
echo "ks" > /etc/viaf/.installmethod
echo "ks" > /etc/siaf/.installmethod
echo "ks" > /etc/xiaf/.installmethod
echo "ks" > /etc/yiaf/.installmethod
echo "ks" > /etc/ciaf/.installmethod
echo "ks" > /etc/fiaf/.installmethod
echo "ks" > /etc/miaf/.installmethod
```

??????

```
cp -f /usr/src/piafxtras/preinstallmenu/piafxtras-menu /usr/local/sbin/piafxtras-menu
```

```
chmod +x /usr/local/sbin/piafextras-menu
```

```
# Ignore any error message for this command:
rpm -e readahead
```

```
# Note: Your "/etc/ssh/sshd_config" will be overwritten after the command below.
# Do NOT change SSH port at this time, because PIAF IPTables rules allow only port 22
/usr/local/sbin/newparadigm.sh
```

```
# These may be needed if you use other VPS but NOT on DigitalOcean:
# sed -i 's|quiet||' /boot/grub/grub.conf
# sed -i 's|rhgb||' /boot/grub/grub.conf
# sed -i 's|[ ]*$//' /boot/grub/grub.conf
# sed -i '/vmlinuz-2.6/ s|$| vga=791 |' /boot/grub/grub.conf
```

```
[optional] ????? Travelin' Man ?????????? bind-utils
```

```
yum install bind-utils
```

```
?? SELinux & IPTables
```

```
sed -i 's/SELINUX=.*$/SELINUX=disabled/' /etc/selinux/config
chkconfig iptables off
```

```
????
```

```
umount /mnt/iso
reboot
```

```
?? PIAF
```

```
????????????????
```

```
*****
* Please make a selection A, B or C only!          *
* A = Continue with the installation of our products *
* B = Load extra drivers for your hardware        *
* C = Command Line Interface                      *
*****
```

```
?? A > ?? PIAF > ???? YES > ??????????Green-PIAF - Asterisk 11/Dahdi
```

```
NOTE?
```

```
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```

1. ??? Enter ??
2. ?? ?????????????? No
3. ???? make menuconfig??? Y
4. ?????? Enter ???(???????)
5. ?? Y ??
6. FreePBX ?????? 3. FreePBX 2.11
7. ?? Y ??
8. ? Enter ??
9. ????????????????
10. ?? B ??????????????????????
11. ?????????????????? Enter ?????

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????????? Console ???????????????? **ONLINE**?????????????

FAQ

?? ISO ??????????????????

Error: Package: gtk2-immodule-xim-2.18.9-12.el6.x86_64 (@anaconda-CentOS-201303020151.x86_64/6.4)

Requires: gtk2 = 2.18.9-12.el6

Removing: gtk2-2.18.9-12.el6.x86_64 (@anaconda-CentOS-201303020151.x86_64/6.4)

gtk2 = 2.18.9-12.el6

Updated By: gtk2-2.20.1-4.el6.x86_64 (c6-local)

gtk2 = 2.20.1-4.el6

Ans????? ISO ?????? gtk2-immodule-xim ??????????????????????????????

yum update gtk2-immodule-xim

Error: kernel conflicts with bfa-firmware-3.0.3.1-1.el6.noarch

Ans?ISO ?????? bfa-firmware ??????

yum update bfa-firmware