

# StatExplorer

## Admin manual



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## Updates and maintenance



Warning: information displayed here is for administrator or technically advanced users. Modifying the database or statistics scripts can break Statexplorer.



Always do a backup of your PBX before doing any update/maintenance task.

### Updates

Update are made through Ipconnect/Xorcom repository using the pbx update mechanism:

#### Virtual PBX, CXR, CXE (not twinstars)– Centos based PBX

Connected with SSH, type the command below

```
| yum update statexplorer
```

#### Sparks (CXS) – Debian based PBX

Connected with SSH, type the command below

```
| apt update ; apt-get install -only-upgrade statexplorer
```

#### Twinstars PBX

Updating Statexplorer on twinstar need more steps and should be done with care.

We suggest you to update the PBX with Xorcom support if needed.

### On primary PBX

Check that Twinstar is currently connected and synced with the command

```
| twinstar-ctl status
```

You'll get a result like:

```
| AtribanksCount:0  
| FrozenMaster: 0
```

```
InTransition: false
IsMaster:     true
LocalNodeId:  1
MasterNodeId: 1
NodeCount:    2
PreferredMaster: true
ValidLicense: true
Version:      1.0
```

Check that you are on the master node (IsMaster : true) and the license is valid.

Check that DBBD sync is up to date using command:

```
| drbd-overview
```

The result should be like:

```
| 0:r0/0  Connected Primary/Secondary UpToDate/UpToDate A r----- /replica
| ext3 211G 478M 200G 1%
```

Stop synchronization and freeze PBX using the commands:

```
| drbdadm disconnect r0
| twinstar-ctl freeze
| twinstar disable-wd
```

Update statexplorer on the primary PBX first using:

```
| yum update statexplorer
```

### On the secondary PBX:

Mount partition and launch services using commands:

```
| cd /usr/share/twinstar/services.d
| ./10-drbd.run start
| ./15-filesystem.run start
| ./20-mysql.run start
| ./25-asterisk.run start
| ./30-apache.run start
```

Update Statexplorer using the command:

```
| yum update statexplorer
```

Reboot the PBX using command:

```
| reboot
```

**On both PBX:**

Restart DRBD synchronization using command:

```
| drbdadm connect r0
```

Check that synchronization is UpToDate using the command:

```
| drbd-overview
```

DRBD status can show “inconsistent” status. In this case, wait few minutes and check again. If the status keep saying “inconsistent” after 10 minutes, contact Support.

On the primary PBX, unfreeze Twinstar using the commands:

```
| twinstar-ctl unfreeze  
| twinstar enable-wd
```