

## FOX MASTERNODE INSTALLATION GUIDE FOR A WINDOWS VPS

*The guide shows the installation process for Windows Server 2003 and Windows 7 as a local PC.*

To successfully finish installation and run your FOX masternode on Windows 2003 VPS, complete the following steps:

1. Send 1 000 FOX coins to the collateral address.
2. Tune the remote VPS server.
3. Run your masternode.

All the steps are described below. Before you start, make sure you have

- 1 000 FOX coins.
- Local PC with Linux/Windows/MAC OS installed.

IMPORTANT: all commands that you must enter are highlighted this way: **command-to-enter**.

### FOX MASTERNODE INSTALLATION GUIDE

#### 1 SEND 1 000 FOX COINS TO THE COLLATERAL ADDRESS.

1.1 Download the wallet: <https://github.com/smartfoxtteam/smartfox/releases/tag/v1.2.2.1> (**fox-qt-msw32.exe** for Windows 32 bit or **fox-qt-msw64.exe** for Windows 64 bit)

1.2 After it got synchronized, go to **Tools->Debug Console** to generate the collateral address using the command:

```
getnewaddress masternode
```

1.3 Send 1000 FOX coins to the collateral address:

```
sendtoaddress the-collateral-address 1000
```

*(replace "the-collateral-address" with your collateral address)*

1.4 Save the obtained masternode key (you will need it later):

```
createmasternodekey
```

1.5 Save the obtained masternode outputs and the number, which is 0 or 1 (you will need them later):

```
masternode outputs
```

1.6 Depending on your local OS, find the **masternodes.conf** file in:

1.6.1 Linux: /home/username/.smartfox. ; for Windows 7

1.6.2 Windows 7: C:\users\username\AppData\Roaming\smartfox\

1.6.3 MAC: /users/username/Library/Application Support/smartfox/

1.7 Add the next two lines to the **masternodes.conf** file:

```
masternode.conf setting syntax;
```

address vpsIP:40428 mn\_genkey mn\_outputs-txhash mn\_outputs-outputidx

*address* is the masternode name from 1.2; "**masternode**" in our case;

*vpsIP* is the IP address of your VPS;

*mn\_genkey* (from 1.4)

*mn\_outputs-txhash* (from 1.5)

*mn\_outputs-outputidx* (from 1.5)

## 2 TUNE THE REMOTE VPS SERVER

- 2.1 Run your local wallet. In **Masternodes** tab, click **Start Alias** and check if the **Enable** status appears.
- 2.2 On your local PC, pass to **Start->All Programs->Standard- > Remote Desktop Connection**. Then enter your VSP IP and click **Connect**. Enter you're the username and password that you were given.
- 2.3 Pass to **Start -> Control Panel->Windows Firewall** and open 40428 port by: **Exception->Add port**. Complete the procedure for both TCP and UDP port types.

## 3 RUN YOUR MASTERNODE

- 3.1 In **Windows Explorer**, find the **smartfox.conf** file. Open it and complement with (*replace [rpc\_user], [rpc\_password], [vps\_ip], [wallet\_mn\_genkey] with your correct data*) :

```
rpcuser=[rpc_user]
rpcpassword=[rpc_password]
rpcallowip=127.0.0.1
rpcport=40424
listen=1
server=1
daemon=1
listenonion=0
externalip=[vps_ip]
bind=[vps_ip]:40428
masternode=1
masternodeprivkey=[wallet_mn_genkey]
```

- 3.2 You can check your masternode status by entering **masternode status** in **Debug Console**.