**Another Multi-Masternode Installation Guide**

**by**

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authored by

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**Artax XAX Multi-Masternode VPS Installation**

1) Install new Vultr VPS on 16.04 Ubuntu with 1 Gig of RAM, 25 Gig SSD and IPv6 enabled.

2) apt -y update && apt -y upgrade

3) cd && clear && git clone https://github.com/masternodes/vps.git && cd vps

4) cd config ; cp -r pivx artax; cd artax ; mv pivx.compile artax.compile ; mv pivx.env artax.env ; vi artax.env

5) replace contents with lines below

#=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+=+

CODENAME=artax

MNODE\_DAEMON=${MNODE\_DAEMON:-/usr/local/bin/artaxd}

MNODE\_INBOUND\_PORT=${MNODE\_INBOUND\_PORT:-21527}

GIT\_URL=https://github.com/Artax-Project/Artax.git

SCVERSION="tags/v1.0.0.1"

NETWORK\_BASE\_TAG="1959"

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Choose 20 or 8 or whatever number of instances you want … the fixed resource is the file system storage, CPU utilitization is great, memory is great with the addition of the swap file, it’s file system storage that is your biggest achilles heel.

6) **cd /root/vps ; clear ; ./install.sh -p artax -c 20**

(this also fixes issues and restarts servers after a hardware failure)

7) apt-get install ack-grep (instal ack-grep for simple, powerful, searching)

8) cd /etc/masternodes ; clear

9) edit all /etc/masternodes config files for active PRIVATE KEYS or use this one as a placeholder …. (**66CXcFJoYafFKHu5eNMMdrmeUcAq3CAVjZxjyrBCkdGSrbL1TyR**)

vi -p \*

10) Then execute this to fire them up ! … /usr/local/bin/activate\_masternodes\_artax

Masternode configuration files are in /etc/masternodes

Masternode data folders are in /var/lib/masternodes

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**Starting masternodes individually**

**To stop masternode  
/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n<n>.conf stop**

**To initialize masternode  
cd /var/lib/masternodes/artax<n> && rm -r \*.\* && cd**

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/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax1/artax.pid -conf=/etc/masternodes/artax\_n1.conf -datadir=/var/lib/masternodes/artax1 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax2/artax.pid -conf=/etc/masternodes/artax\_n2.conf -datadir=/var/lib/masternodes/artax2 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax3/artax.pid -conf=/etc/masternodes/artax\_n3.conf -datadir=/var/lib/masternodes/artax3 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax4/artax.pid -conf=/etc/masternodes/artax\_n4.conf -datadir=/var/lib/masternodes/artax4 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax5/artax.pid -conf=/etc/masternodes/artax\_n5.conf -datadir=/var/lib/masternodes/artax5 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax6/artax.pid -conf=/etc/masternodes/artax\_n6.conf -datadir=/var/lib/masternodes/artax6 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax7/artax.pid -conf=/etc/masternodes/artax\_n7.conf -datadir=/var/lib/masternodes/artax7 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax8/artax.pid -conf=/etc/masternodes/artax\_n8.conf -datadir=/var/lib/masternodes/artax8 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax9/artax.pid -conf=/etc/masternodes/artax\_n9.conf -datadir=/var/lib/masternodes/artax9 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax10/artax.pid -conf=/etc/masternodes/artax\_n10.conf -datadir=/var/lib/masternodes/artax10 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax11/artax.pid -conf=/etc/masternodes/artax\_n11.conf -datadir=/var/lib/masternodes/artax11 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax12/artax.pid -conf=/etc/masternodes/artax\_n12.conf -datadir=/var/lib/masternodes/artax12 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax13/artax.pid -conf=/etc/masternodes/artax\_n13.conf -datadir=/var/lib/masternodes/artax13 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax14/artax.pid -conf=/etc/masternodes/artax\_n14.conf -datadir=/var/lib/masternodes/artax14 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax15/artax.pid -conf=/etc/masternodes/artax\_n15.conf -datadir=/var/lib/masternodes/artax15 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax16/artax.pid -conf=/etc/masternodes/artax\_n16.conf -datadir=/var/lib/masternodes/artax16 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax17/artax.pid -conf=/etc/masternodes/artax\_n17.conf -datadir=/var/lib/masternodes/artax17 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax18/artax.pid -conf=/etc/masternodes/artax\_n18.conf -datadir=/var/lib/masternodes/artax18 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax19/artax.pid -conf=/etc/masternodes/artax\_n19.conf -datadir=/var/lib/masternodes/artax19 &&

/usr/local/bin/artaxd -daemon -pid=/var/lib/masternodes/artax20/artax.pid -conf=/etc/masternodes/artax\_n20.conf -datadir=/var/lib/masternodes/artax20

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**Server Health**

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clear && /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n1.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n1.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n2.conf getinfo && /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n2.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n3.conf getinfo && /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n3.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n4.conf getinfo && /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n4.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n5.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n5.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n6.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n6.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n7.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n7.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n8.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n8.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n9.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n9.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n10.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n10.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n11.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n11.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n12.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n12.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n13.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n13.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n14.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n14.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n15.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n15.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n16.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n16.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n17.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n17.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n18.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n18.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n19.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n19.conf masternode status ;

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n20.conf getinfo ; /usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n20.conf masternode status ;

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**STOP ALL SERVERS**

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/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n1.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n2.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n3.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n4.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n5.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n6.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n7.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n8.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n9.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n10.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n11.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n12.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n13.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n14.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n15.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n16.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n17.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n18.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n19.conf stop &&

/usr/local/bin/artax-cli -conf=/etc/masternodes/artax\_n20.conf stop

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**Artax Single Server Installation (Old)**

1) Install new Vultr VPS on 16.04 Ubuntu with 1 Gig of RAM, 25 Gig SSD and IPv6 enabled.

2) apt -y update && apt -y upgrade

3) cd && clear && wget<https://cdn.discordapp.com/attachments/419081046487990275/428059329954840587/install_artax_mn.sh>

3) chmod +x install\_artax\_mn.sh

4) ./install\_artax\_mn.sh

You are done if you want a single masternode running on the VPS.

The rest is experimental to use an existing project to allow the running of multiple ARTAX servers on a single VPS …

Move the artaxd, artax-cli executes ...

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