

Installation einer TeamSpeak Servers

Im folgenden, wird ein neuer TeamSpeak Server auf einem CentOS 7 aufgesetzt.



Voraussetzungen

- Fertig installiertes **CentOS 7 / RHEL 7** System
- Putty Client

Installation von TeamSpeak

System Vorbereitungen

Installation der von TeamSpeak benötigten Pakete:

```
# yum -y update
# yum -y install wget perl tar net-tools bzip2 vim
```

Konfiguration Firewalld Rules

Freischalten der von TeamSpeak benötigten Firewall Rules:

- **9987 UDP**: TeamSpeak Voice service
- **10011 TCP**: TeamSpeak ServerQuery
- **30033 TCP**: TeamSpeak FileTransfer

```
# firewall-cmd --zone=public --add-port=9987/udp --permanent
# firewall-cmd --zone=public --add-port=10011/tcp --permanent
# firewall-cmd --zone=public --add-port=30033/tcp --permanent

# firewall-cmd --reload
```

TeamSpeak Installieren / Einrichten

Einrichten des TeamSpeak Environments, unter separatem TeamSpeak System-User:

1. Erstellen des neuen Users und Verzeichnisses:

```
# adduser -r teamspeak
```

```
# mkdir /opt/teamspeak
```

2. Download des TeamSpeak-Server Archives mit folgendem Kommando:

```
# wget  
http://dl.4players.de/ts/releases/3.0.13.8/teamspeak3-server_linux_amd64-3.0.13.8.tar.bz2
```

You can always find the link to the latest version of the application by going to [TeamSpeak download page](#).

3. Entpacken des Archives und verschieben der Files.

```
# tar xvf teamspeak3-server_linux_amd64*.tar.bz2  
# mv teamspeak3-server_linux_amd64/* /opt/teamspeak
```

4. Aufräumen der Temporären Files und setzen der korrekten Berechtigungen:

```
# rm -rf teamspeak3-server_linux_amd64*  
# chown -R teamspeak: /opt/teamspeak
```

Einrichten von neuem Systemd Service

```
# vim /etc/systemd/system/teamspeak.service
```

```
[Unit]  
Description=TeamSpeak Server Service  
After=network.target  
  
[Service]  
Type=forking  
WorkingDirectory=/opt/teamspeak/  
ExecStart=/opt/teamspeak/ts3server_startscript.sh start  
inifile=ts3server.ini  
ExecStop=/opt/teamspeak/ts3server_startscript.sh stop  
User=teamspeak  
Group=teamspeak  
PIDFile=/opt/teamspeak/ts3server.pid  
Restart=always  
RestartSec=9  
StandardOutput=syslog  
StandardError=syslog  
SyslogIdentifier=teamspeak  
  
[Install]  
WantedBy=multi-user.target
```

Reloaden der Systemd Dienste und aktivieren / starten des TeamSeak-Services:

```
# systemctl daemon-reload

# systemctl start teamspeak.service
# systemctl enable teamspeak.service
```

Administration des TeamSpeak Servers

The first time that you connect TeamSpeak-client to the newly installed TeamSpeak-server, you will be prompted to enter an administrator key.

This key has been generated at first startup. You will need to retrieve the key in order to elevate your account as an administrator.

```
# cat /opt/teamspeak/logs/ts3server_*
```

```
20**-**-** **:**:**.464359|INFO |ServerLibPriv | |TeamSpeak 3 Server
3.0.12.4 (2016-04-25 15:16:45)
20**-**-** **:**:**.464674|INFO |ServerLibPriv | |SystemInformation: Linux
3.10.0-229.14.1.el7.x86_64 #1 SMP Tue Sep 15 15:05:51 UTC 2015 x86_64
Binary: 64bit
20**-**-** **:**:**.464714|INFO |ServerLibPriv | |Using hardware aes
20**-**-** **:**:**.465528|INFO |DatabaseQuery | |dbPlugin name: SQLite3
plugin, Version 2, (c)TeamSpeak Systems GmbH
20**-**-** **:**:**.465569|INFO |DatabaseQuery | |dbPlugin version: 3.8.6
20**-**-** **:**:**.467044|INFO |DatabaseQuery | |checking database
integrity (may take a while)
20**-**-** **:**:**.486336|INFO |SQL | |db_CreateTables() tables created
20**-**-** **:**:**.700041|WARNING |Accounting | |Unable to find valid
license key, falling back to limited functionality
20**-**-** **:**:**.967102|INFO | | |Puzzle precompute time: 1235
20**-**-** **:**:**.969291|INFO |FileManager | |listening on 0.0.0.0:30033
20**-**-** **:**:**.970825|INFO |VirtualSvrMgr | |executing monthly interval
20**-**-** **:**:**.971008|INFO |VirtualSvrMgr | |reset virtualserver
traffic statistics
20**-**-** **:**:**.040977|INFO |CIDRManager | |updated query_ip_whitelist
ips: 127.0.0.1,
20**-**-** **:**:**.042502|INFO |Query | |listening on 0.0.0.0:10011
20**-**-** **:**:**.036685|INFO |VirtualServer |1 |listening on 0.0.0.0:9987
20**-**-** **:**:**.037580|INFO |VirtualServer |1 |client 'server'(id:0)
added privilege key for servergroup 'Server Admin'(id:6)
20**-**-** **:**:**.037614|WARNING |VirtualServer |1 |-----
-----
20**-**-** **:**:**.037634|WARNING |VirtualServer |1 |ServerAdmin privilege
```

```
key created, please use the line below
20**-**-** **:**:**.037651|WARNING |VirtualServer |1
|token=*****
20**-**-** **:**:**.037668|WARNING |VirtualServer |1 |-----
-----
```

Copy and paste the token into your TeamSpeak-client.

Once you have entered the ServerAdmin key in TeamSpeak-client, you will get this message:

```
Privilege Key successfully used.
```

This user will then be assigned administrator rights on your server!

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