TeamSpeak 3 (1)

Configuring the connection between GSManager and a Teamspeak3 server.

If you want to connect the GSManager to your own TeamSpeak 3 server, you must configure it accordingly. In the [lexicon='basics.json','][/lexicon], you can find the following section:

JavaScript

```
"teamspeak3":                                                                {
```

```
    },
```

Variable	Allowed Values	Description
`enabled`	`true` `false`	Should the GSManager connect to your [lexicon='TS3','][/lexicon]-Server, then set to `true`. If you don't want to use the [lexicon='TS3','][/lexicon] features, then set to `false`.
`ip`	String	The IP of the [lexicon='TS3','][/lexicon]-Server.
`password`	String	The password of the ServerQuery user (more about this below in the section [lexicon='TS3','][/lexicon]-ServerQuery).
`serverqueryport`	Number	The TCP-Port of the ServerQuery.
`username`	String	The Username of the ServerQuery User.
`voiceport`	Number	The [lexicon='TS3','][/lexicon]-Port, which you are using to connect to your [lexicon='TS3','][/lexicon]-Application.

[lexicon='TS3','][/lexicon]-ServerQuery
Please be patient, that we are only providing basic information about the TS ServerQuery, which are actually the most important information to connect your GSManager to your [lexicon='TS3','][/lexicon]-Server (Further information may be delivered, if needed)

Add a ServerQuery User:
You can add a Username in your [lexicon='TS3','][/lexicon] by clicking on `Extras -> ServerQuery Login`. A password will be set automatically. You must add these two information in the configuration above.

Which [lexicon='TS3','][/lexicon]-Permissions?
To add a ServerQuery User you require the permission `b_client_create_modify_serverquery_login`. It depends how your [lexicon='TS3','][/lexicon]-Server was configured by default, your ServerQuery User requires further permissions (for sending textmessages, poking, recieving the list about each connected [lexicon='TS3','][/lexicon]-Client, etc.). If a required permission is not given, you will find any information about this in the GSManager logfile.

Whitelist:
Each [lexicon='TS3','][/lexicon]-Server has his own "flood protection" equipped, which prevents spam to a [lexicon='TS3','][/lexicon]-Server. By a basic configuration, any user (even your ServerQuery User) is only allowed to perform 10 commands in 3 seconds. This should also be enough for the GSManager, but by increased number of players and thus also potentially higher communication to the [lexicon='TS3','][/lexicon]-Server. this could result in a bottleneck. There is a `query_ip_whitelist.txt` in the [lexicon='TS3

','][/lexicon]-Server directory, which prevents this. By adding the IP-adress of the GSManager, it is allowed to perform commands without any limitations. In case your [lexicon='TS3','][/lexicon]-Server and your GSManager are running on the same system, the you can also use the IP `127.0.0.1` (must be entered in `basics.json -> teamspeak3 -> ip`), which has been added to the Whitelist (by default of [lexicon='TS3','][/lexicon]).