QGRIP

UnInstall
QGrip

GRIP ON SQL

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1   Introduction

This document describes, step by step, how you should uninstall QGrip and remove all QGrip objects from your environment.

This description assumes that all objects, like logins, have been created solely for QGrip and are not shared. If not, you need to be alert when running the scripts to drop QGrip objects on the SQL Server Instances.

The content of the QGrip database is used to generate an overview of what needs to be done. Objects on Instances that have already been removed from the QGrip administration, will NOT be listed.

2   Authorisation

In order to uninstall QGrip you need to be
- QGrip Admin user
- Local Admin on all QGrip Servers
- SYSADMIN on all Instances that have been added to the QGrip configuration.

3   Deactivate: Backup Mail

If you have configured Backup Mail, this process needs to be deactivated.

4   Deactivate: External Monitoring

If you have configured External Monitoring of QGrip, this process needs to be deactivated.

5   Deactivate: Export QGrip CMDB

If you have configured Export QGrip CMDB, this process needs to be deactivated.

6   Export: Password Safe

By uninstalling QGrip, the passwords in the Password safe will also be removed. You should consider making an export of the entire Password Safe before proceeding. A detailed description can be found in

Doc-Tab	Title	Section
QGrip-UI	Admin Menu	Export -> Passwords

7   Export: Symmetric Keys & Certificates

If you have enabled Discover of Symmetric Keys (MASTER KEY) and Certificate and QGrip Encrypted backup, you should consider making an export of all Symmetric Keys, Certificates together with their passwords before proceeding. A detailed description of the ExpBackup can be found in

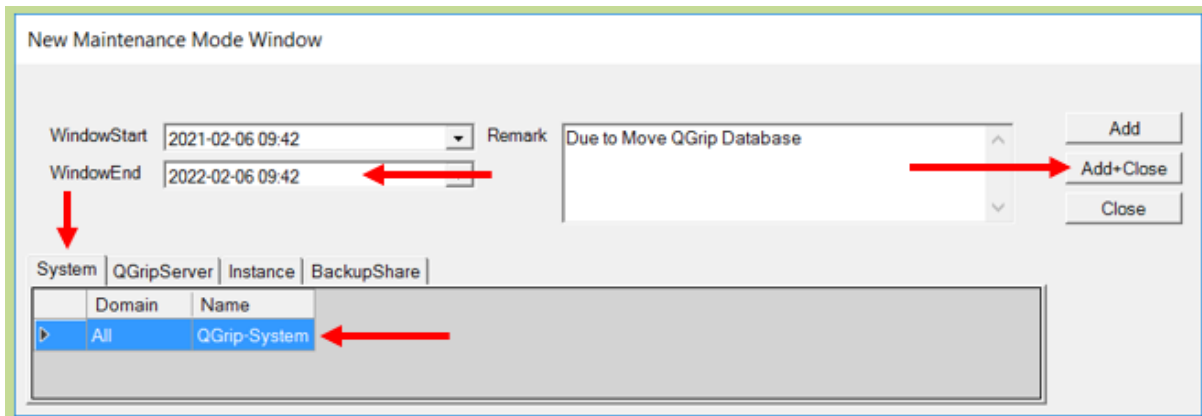| Doc-Tab	Title	Section
QGrip-UI	Admin Menu - Infra	Encryption -> Symmetric Keys
		Encryption -> Certificates

8   Uninstall QGrip

8.1   Maintenance mode ON

To prevent that new jobs are started, QGrip needs to be set in Maintenance mode, level System:

QGrip-UI
Menu: Admin -> Maintenance Mode -> New

8.2   Check Running Jobs

It is possible that jobs that were jobs already running when QGrip was set in Maintenance Mode. Check that there are no jobs running.

QGrip-UI
Menu: Jobs -> Running
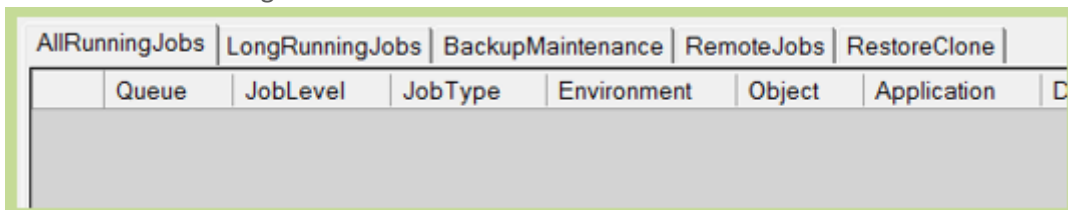
You have to wait until tab AllRunningJobs is empty.

8.3   Disable Login

To disable further use of the QGrip-UI and make sure that users currently using QGrip are being logged out, the following statement needs to be executed.

SSMS (SQL Server Management Studio)

On the QGrip database

```
BEGIN TRAN
UPDATE [General].[LoginEnabled]
SET [LoginEnabled] = 0
COMMIT TRAN
```

After 30 seconds, all users will be logged out.

8.4   Generate: Uninstall Information

The rest of this document is based on an overview that you need to generate by executing the following stored procedure on the QGrip database.

```
EXEC [Config].[UspUninstallQGripGetList]
```

The output of the stored procedure is referred to as <Uninstall-List>.
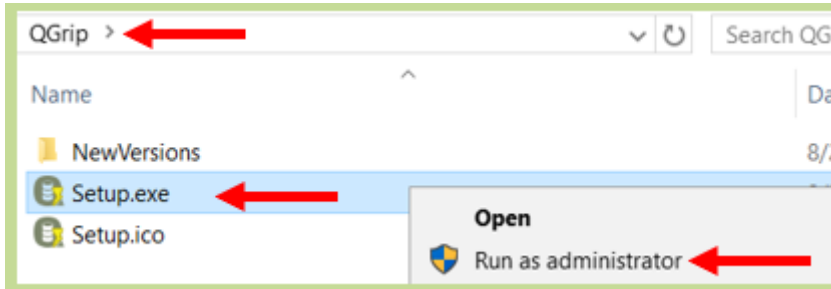
8.5   Uninstall: QGrip Servers
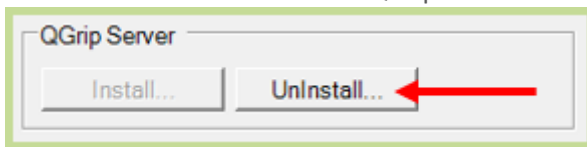

For each QGrip Server listed in the QGrip Server section of <Uninstall-List>.

In the root of the QGrip directory, start the Setup.exe as administrator.

The Install/Configure QGrip window will open.

Accept QGrip Directory, QGrip Database Install Account, QGrip Database/Host and QGrip System Account which will Enable the QGripServer UnInstall button.

Click on UnInstall button and on UnInstall in the next window.

When the UnInstall is finished, exit the Setup, and delete the QGrip directory and all its subdirectories.

8.6 Clean-up: Backup Shares

```
/*************************************************************
Backup Shares (Clean-up)
*************************************************************
Domain [AD]: \\VMDC01\CopyBackup
Domain [AD]: \\VMSS02\Backup01
Domain [AD]: \\VMSS02\ImportShare
Domain [TST]: \\VMTSTDC1\Backup001
Domain [TST]: \\VMTSTQS1\Backup002
*************************************************************/
```

For each Backup Share listed in the Backup Shares section of <Uninstall-List>.

Delete all files from the share.

8.7 Clean-up: Instances

```
/*************************************************************
Instances (Clean-up)
Execute script on specified Instance
*************************************************************/
```

In the Instances clean-up section of <Uninstall-List>, a script per Instance is generated.

```
/****************************************
Drop objects on:
Domain [AD]: VMSQL1201\ACC,1450
****************************************
USE [Pushy_A]
GO
DROP TABLE [dbo].[QGripDBHistory]
GO
USE [tempdb]
GO
DROP LOGIN [AD\QGrip_gMSA$]
EXEC [msdb].[dbo].[sp_delete_job] @job_name='QGrip-LoginLastActive',
GO
****************************************/
```

Run the scripts on the specified Instances. Note that the SQL Statements are embedded in a comment block so you will need to select the statements before running.

8.8 Drop: QGrip Database + Logins

```
/*************************************************************
Remove QGrip Database [QGrip]
from Availability Group [AG_16M1_P]
on the PRIMARY replica on:
Domain [PRD]: VMPRDSQL1601\INST_16M1_P_1,1433
Domain [PRD]: VMPRDSQL1602\INST_16M1_P_2,1433
Domain [PRD]: VMPRDSQL1603\INST_16M1_P_3,1433
*************************************************************/
```

If the QGrip database is running in an Always On cluster, you will be asked to remove the database from the Availability Group on the PRIMARY replica. You can use SSMS to do this.

```
/*********************************************************
Drop QGrip Database + Logins on
Domain [PRD]: VMPRDSQL16\PRD,1460
*********************************************************
USE [tempdb]
GO
DROP DATABASE [QGrip]
GO
DROP LOGIN [QGripMSA_VMSS02]
DROP LOGIN [QGripSQLInstall]
DROP LOGIN [PRD\Dan_Admin]
DROP LOGIN [PRD\QGrip_gMSA$]
GO
*********************************************************/
```

In the Drop QGrip Database + Logins section of <Uninstall-List>, a script can be found to drop the QGrip database and the QGrip logins. Not that the SQL Statements are embedded in a comment block so you will need to select the statements before running.

8.9   Drop: Active Directory Accounts

```
/*********************************************************
AD Accounts (Drop)
*********************************************************
Domain [PRD]: PRD\QGrip_gMSA$
Domain [TST]: TST\Dan_Admin
Domain [TST]: TST\QGrip_gMSA$
*********************************************************/
```

In the Active Directory Accounts section of <Uninstall-List>, a list of AD accounts used by QGrip can be found. If these accounts are not used elsewhere, they can be dropped on AD.

8.10 Remove: QGrip-UI

Last step is to remove the QGrip-UI from all location within your organisation.
The exact location(s) depend on how it has been configured and is unknown to the author of this document.