



**The Extra  
QGrip Server  
Job**

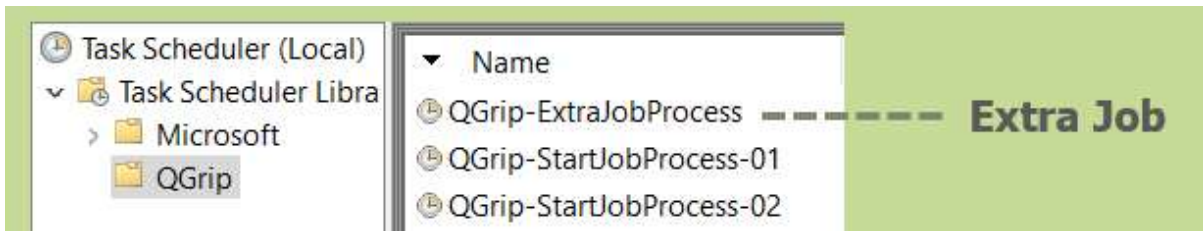
**GRIP ON SOL**

**2024-04-16**

## Contents

1	Trigger .....	3
2	The Extra Job .....	3

## 1 Trigger



On each QGrip Server, next to the standard 10 or 20 job processes, there is an extra job started from Task-Scheduler. This job is not influenced by Maintenance mode and will always run every minute.

## 2 The Extra Job

### QGrip Domain

Some of the steps in the Extra Job will only be done in the QGrip Database ('First') Domain.

### 3 Minutes

Some steps will be done every 3 minutes, QGrip keeps track of if step is needed or not.

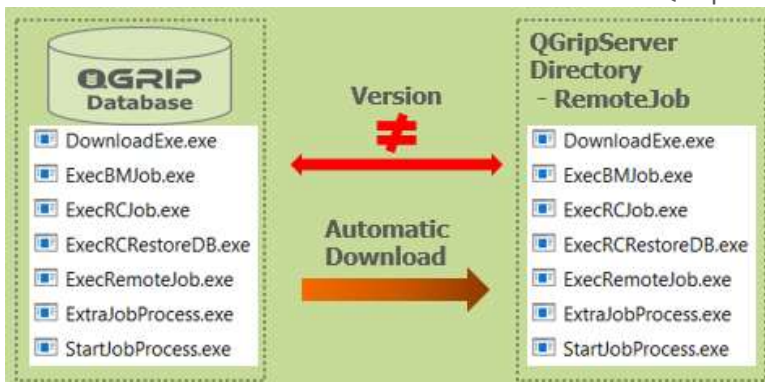
### Current Domain

Some steps will be done on each domain every 3 minutes, no matter how many QGrip Servers are running on the domain. QGrip keeps track of if step is needed or not.

Step	Frequency	Scope	Remark
Download Remote Job Exe	If Needed	QGrip Server	Job stops after this step.
Upgrade Backup QGrip DB	If Needed	QGrip Domain	Job stops after this step.
Change QGripMSA Password	If Needed	QGrip Server	Job stops after this step.
Check QGrip License	Always	QGrip Domain	
Check Instances Down	3 minutes	Current Domain	
Discover AlwaysOn	3 minutes	Current Domain	
Backup Share Sizes	3 minutes	Current Domain	
Generate Warnings	Always	QGrip System	
Clean-up Logfiles	3 minutes	QGrip Server	
Generate QGrip Disaster Restore	3 minutes	QGrip Domain	
Kill Orphans BM Job	3 Minutes	Current Domain	

### Download Remote Job Exe

The Executables for the Remote Jobs are stored in the QGrip Database.



If the version in the RemoteJob directory is different to the version in the database, QGrip will download the executables from the database to the QGrip Server and restart the processes. This means that if you are Upgrading QGrip to a higher version, all QGrip Servers will automatically download and use the correct version.

### **Upgrade Backup QGrip DB**

During an upgrade of QGrip the system is in Maintenance Mode and backup jobs will not start. This step triggers a FULL backup of the QGrip database during an upgrade.

### **Change QGripMSA Password**

In a multiple Domain configuration where a QGripMSA is used for the communication between the QGrip Server and the database, the password needs to be changed every x days. This step changes the password and restart the processes.

### **Check QGrip License**

Checks the QGrip License and corrects tempering to the License table in the QGrip database.

### **Check Instances Down**

A login attempt is done on all Instances within the domain to see if the Instances are responding.

### **Discover AlwaysOn**

A quick check of all AlwaysOn clusters within the domain to see if a failover has taken place.

### **Backup Share Size**

The size, used and free space of all backup shares within the domain is collected and added to QGrip.

### **Generate Warnings**

Generate new warnings and delete solved ones.

### **Clean-up Logfiles**

Clean-up the logfiles in the directory LogFiles on the QGrip Server. All files older than 30 days are deleted, Setup logs excluded.

### **Generate QGrip Disaster Restore**

Generate a script that can be used to Restore the QGrip database in case of emergency. Scripts older than 10 days are removed.

### **Kill Orphans BM Job**

Administratively finish Backup-Maintenance jobs at database/optimize level where the parent job has completed and is not running anymore.