QGRIP

QGrip-UI
Admin Menu
Config

GRIP ON SQL

Contents

1 Introduction

This document describes the items in the Admin Menu -> Config of the QGrip-UI.

| Required QGrip Role	Menu
QGrip-Admin	Admin -> Config

Note that the Admin menu will only be visible for QGrip-Admin users and all Menu-Items will be enabled.
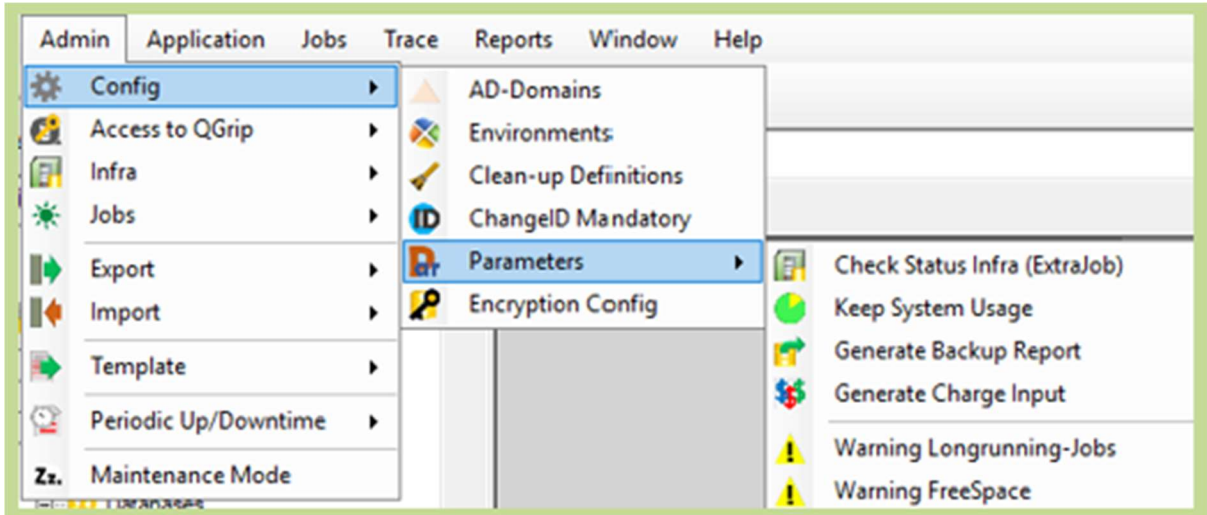
The config menu contains most items that can be configured. A lot of these settings will be configured during the initial configuration but can be changed later. Remember that changing configurations in a running system will have consequences and should be done with care. This is especially important for the definition of the (DTAP) Environments.

2   AD-Domains
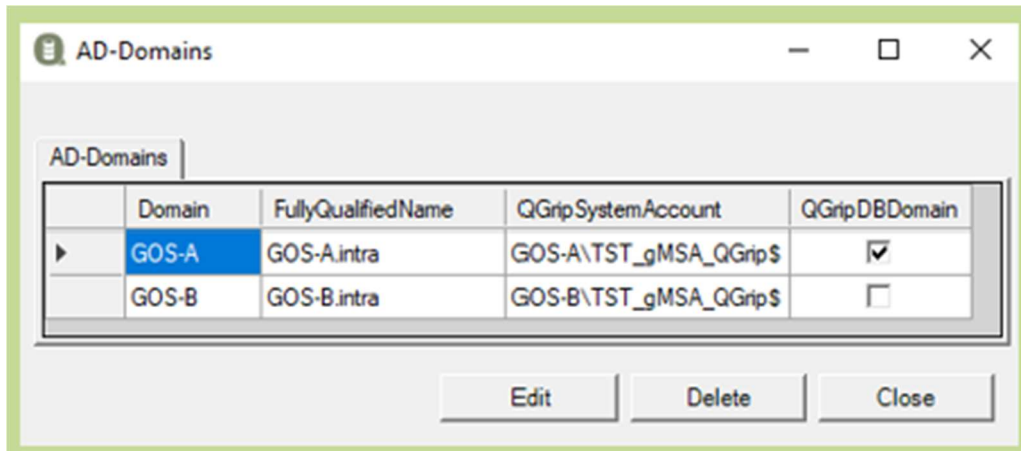
An AD-domain is automatically added to QGrip whenever needed during the Install of a QGrip Server.

Edit
Only the Fully Qualified Name can be changed if needed by editing the record.

Delete
If an AD-domain is no longer used and does not contain any objects anymore, it can be deleted.

Deleting AD-Domain
If you want to decommission an AD-Domain, you will need to
1.   Delete all Instances in the Domain
2.   Wait for at least one week (backup files of removed instances takes a week).
3.   Delete the Backup Shares in the AD-Domain.
4.   Uninstall the QGrip Servers in the AD-domain
5.   Delete the AD-Domain
Checks will prevent you from Deleting the object in the wrong order except for the QGrip Servers.
The problem is that the QGrip Servers are needed to remove the backup files on the backup shares.

3   Environments

Define the Environments you have within your organisation by checking the [InUse] column and click save. You can also change the [EnvChar], [ShortName] and/or [FullName] whenever needed but try doing so as early as possible as these items can be used in Substitutions.

Unchecking an environment that is used by an Instance is not possible.
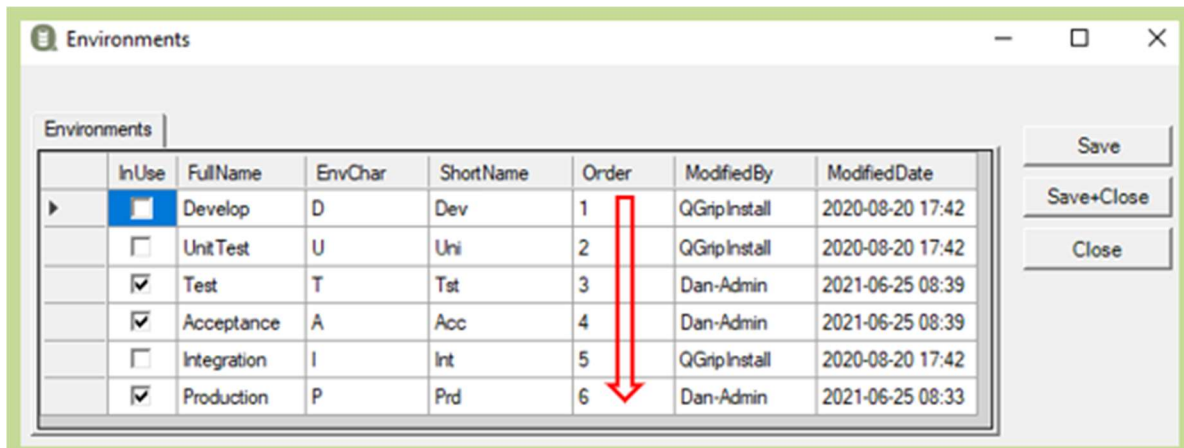
Even if you change the names of the environments, the order for the DTAP principal will always be determined by the Order column that cannot be changed.
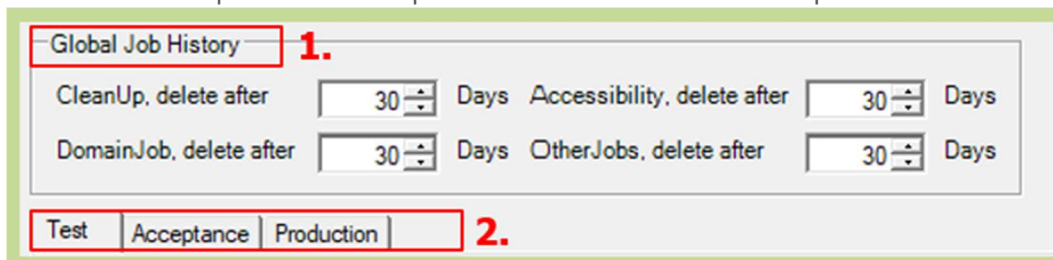
Note:
After adding a new environment, you need to specify its Clean-up Definition, (Re) Create Template teams and add Prices for the cost split.

4   Clean-up Definitions

For a good performance of the QGrip database and preventing that the Backup Shares run out of space, a regular clean-up is important.

It is also important to note that you will need to activate the Clean-up schedules before the Clean-up jobs are run.

Use the Clean-up Definition screen to define how long you want to keep Job History, Backup Files and CheckDB Output. The Clean-up Definition screen is divided in 2 parts:

1.   Global Job History, not related to a specific environment.
2.   A tab for each environment in use. In this example Test, Acceptance and Production are in use.

Important:
Initially, the Clean-up Definition is filled with default values. The default values for the clean-up of Backup Files are based on the idea that the files will be backed up to Secondary storage once every 24 hours. If that is not the case, you will need to increase the values to fit your own backup/restore strategy.

Note that the job history records of DBBackup, LogBackup and CheckDB will never be deleted as long as the Backup Files or CheckDB output need to be kept.

4.1   Job History

Name	Description	Remark
Job History	How many days do you want to be able to see the history of the different jobs?	History records of DBBackup, LogBackup and CheckDB will never be delete as long as the Backup Files or CheckDB output need to be kept.

4.2   Backup Files

| Name	Description	Remark
Full Backup	The number of Full backups you always want to have available on the Backup Share	
Diff Backup	The number of Diff backup you always want to have available on the Backup Share.	The system will make sure that the Full backup needed to restore a Diff backup is always kept.
Keep for at least	The number of Days you always want to keep the Backup Files on the Backup Shares.	This is also the number of days the Tran backups will be kept.

4.3   CheckDB Output

Name	Description	Remark
CheckDB Output	The number of Days you want to keep the CheckDB output.	The output is saved in a binary file in the QGrip database.

## 4.4   Msdb backup history

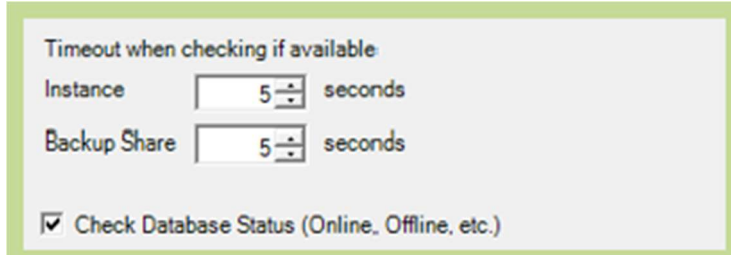| Name	Description	Remark
Msdb backup history	The number of Days you want to keep the backup history in msdb on the instances.	After each scheduled DBBackup on an Instance, QGrip will delete backup history in msdb.

5   Change ID Mandatory
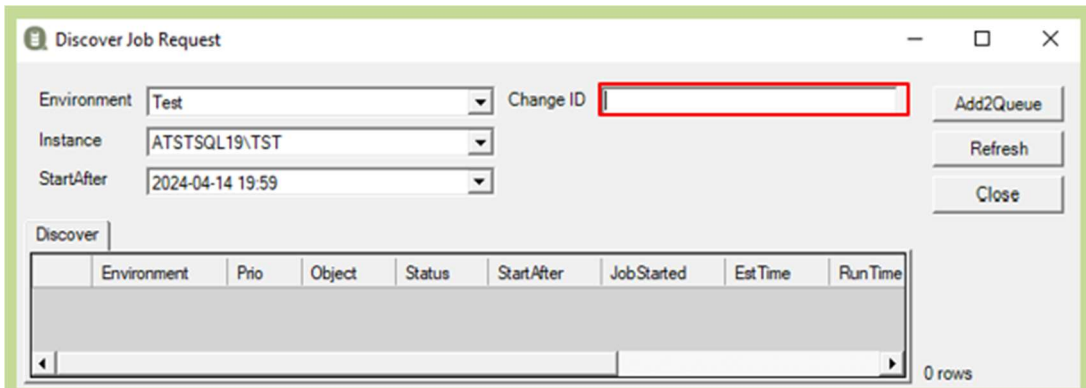
In all Windows where QGrip-users can request a job or change, it is possible to enter a Change ID. The change ID should represent an Identifier from your organisation's Service-Management or Change registration system.
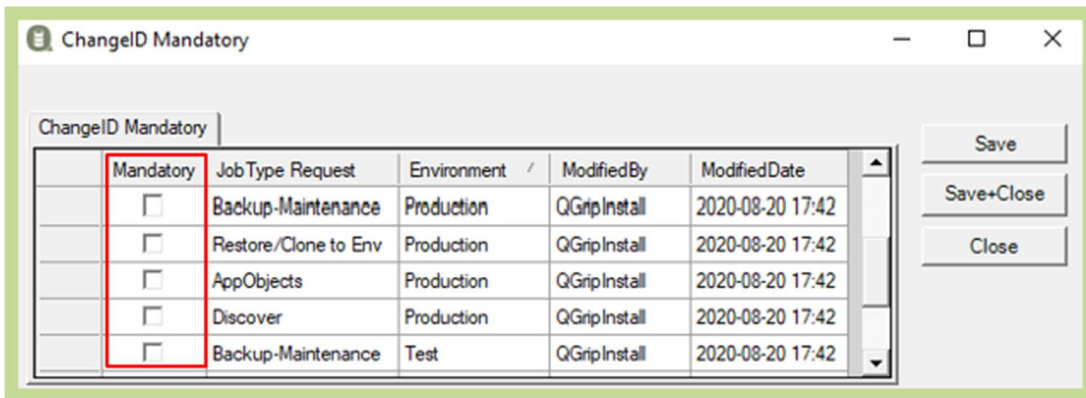
Check the column Mandatory for the combination JobType / Environment where a Change ID must be entered by the Requester and press save. QGrip will then verify that the field has been filled before the Job can be added to the Job Queue.

6   Parameters
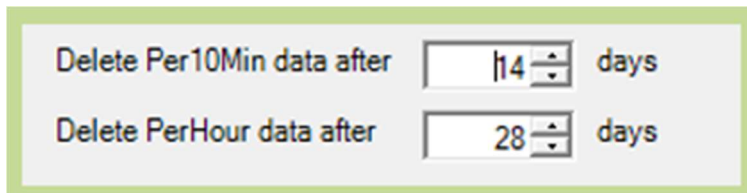
6.1   Parameter: Check Status Infra

Define the timeout that should be used when checking if an Instance or Backup Share is available and if the Database Status should be collected.
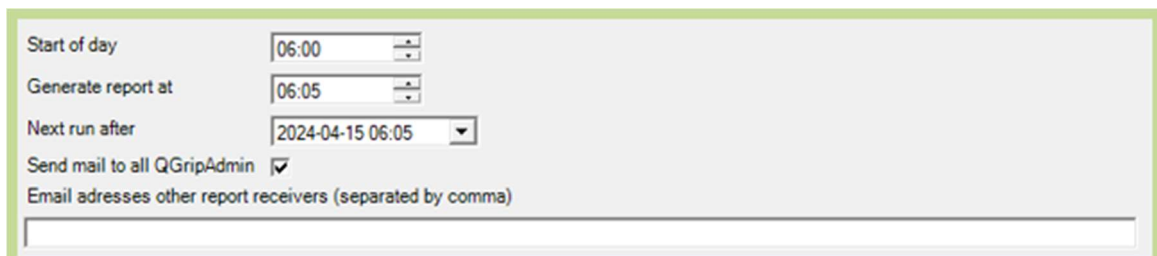
6.2   Parameter: Keep System Usage

Define how many days you want to keep System Usage 'Per 10 min' and 'Per Hour.

6.3   Parameter: Generate Backup Report

The Backup Report runs every 24 hours and prepares a backup report.
You can specify when a day begins and at what time the report should be generated. The Backup Report can be found under menu Reports.

If you are using the plugin External Monitoring to distribute the Backup Report via email, you can also specify if the report should be mailed to all QGrip Admins and/or a separate list of email addresses.

6.4   Parameter: Generate Charge Input

Data used as basis for the Charges (Split costs) is collected once every day. You can specify at which time you want the data to be collected.
You are advised to set the time just after Discover has run on all Instances.

6.5 Parameter: Warning Longrunning jobs

Define when a job should be regarded as Longrunning as percentage of estimated runtime.

6.6 Parameter: Warning FreeSpace

There are 4 kinds of 'Free Space Types'.

Type	Description	Remark
Server Disk	The disks on a Server (Instance host)	Only monitored if set in Discover job ☑ Get Disk Drives (Size/Free)
Backup Share	The backup shares	
Datafile	The database data files	Only monitored when max file size is set.
Logfile	The database log files	Only monitored when max file size is set.

You always have to save changes before you switch to another Free Space type.

Current Sizes, define 4 size blocks with their own percentages.

Warning Forecast

Generate when

Full within [10] Days, based on growth last 1 week

Full within [30] Days, based on growth last 1 month

Full within [60] Days, based on growth last 3 months

Forecast, define when you want to see warnings that something will probably fill up based on growth last week, last month and last 3 months. If you do not want any warnings, enter 0 days.

7   Encryption Config

Recommended documentation

Doc-Tab	Title
Infra	Encryption (Keys and Certificates)
Jobs	QGrip Backup Encryption

If you want to 'Enable Symmetric Keys and Certificate', please read the Encryption (Keys and Certificates) document listed above and follow the instructions in that document.

QGrip Backup Encryption can only be enabled when Symmetric Keys and Certificates has been enabled.