

# QGRIP

## Limitations

**GRIP ON SQL**

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## Contents

1	Introduction .....	3
2	Limitations .....	3
2.1	At your own risk .....	3
2.2	Not Supported (Yet) .....	3
3	Disk Space Considerations .....	3

## 1 Introduction

QGrip is flexible in design and should fit in almost any organisation but, next to the system requirements, there are a few limitations that need to be considered.

## 2 Limitations

### 2.1 At your own risk

If one of the following applies to your Organisation, you need to test it during the Trial period.

#### **Mixed Instances**

When an Instance is added to QGrip it will be labelled with one environment (D, T, A or P). All objects on the Instance will be considered to belong to the same environment. If you, for instance, have Develop, Test and Acceptance databases on the same Instance, QGrip will not work as designed.

#### **Databases in Containment**

In some cases, depending on the settings/collation etc. of the database(s), QGrip will not work properly with database in containment.

#### **(Very) Large databases**

The time it will take to run Backup and Maintenance jobs on databases and restoring/cloning them, depend on several factors: network capacity, memory, disk speed etc. Making an exact estimate is impossible. If you have databases larger than 500GB, you need to test with these databases during the Trial period to verify that the run time is acceptable and that it does not put too much strain on the network.

### 2.2 Not Supported

#### **System Databases in Availability Groups**

As of SQL Server 2022, it is possible to add system databases to an Availability Group. QGrip does not support System databases in Availability groups.

#### **PaaS Databases (cloud)**

QGrip is designed for SQL Server on-premises and has not been designed for PaaS Databases. It is, however, possible to add IaaS SQL Server Instances to QGrip, if the environment complies with all other requirements needed (same as SQL Server on-premises).

## 3 Disk Space Considerations

When databases are created using QGrip, the Instance Database default locations will be used for Data and Log files.

Database default locations	
<u>D</u> ata:	G:\MSSQL13.ACC\MSSQL\DATA\ <input type="button" value=".."/>
<u>L</u> og:	G:\MSSQL13.ACC\MSSQL\LOG\ <input type="button" value=".."/>

QGrip does only operate on SQL Server level and does not, by default, require access to the underlying OS and file system. It is, however, possible to activate the “Get Disk Drives (Size/Free)” option in the Discover job. QGrip will then temporarily enable system configuration option 'Ole Automation Procedures', get the size/free space of the disk drives, and disable the option again.

If this functionality is not used, your administrators will have to keep an eye on the disk space to ensure that Cloning and/or creating databases don't fail due to insufficient disk space.