

QGRIP

Messages & Monitoring

GRIP ON SOL

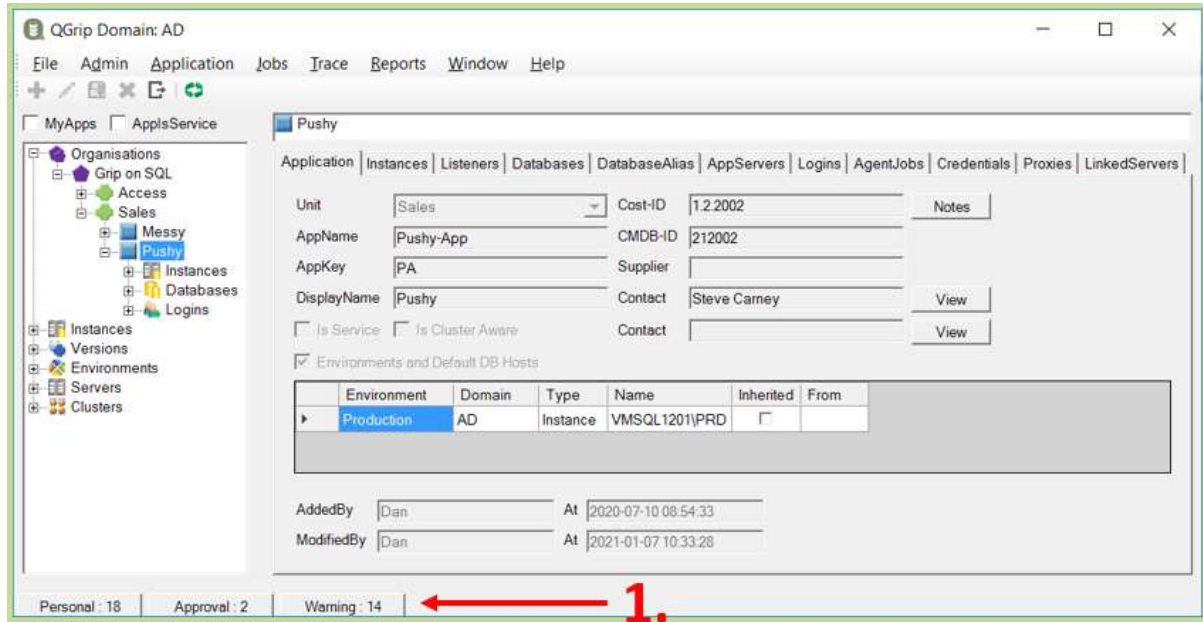
2024-04-16

Contents

1	Messages.....	3
1.1	Message Bar	3
1.2	Message Types	3
1.3	Message Actions.....	4
1.3.1	RETRY after error.....	5
2	Monitoring	5
3	External Monitoring.....	6
4	Warnings, Message + Monitoring.....	7
4.1	Category: Warning.....	7
4.2	Category: FreeSpace.....	9
4.3	Category: FreeSpace-Forecast.....	9
4.4	Category: Incomplete	10
4.5	Category: Inconsistent.....	11
4.6	Category: Notactivated.....	12

1 Messages

1.1 Message Bar



The message bar can be found at the bottom of the QGrip UI.

The message bar is refreshed every 30 seconds and shows, per Message Type, the number of messages that concern you or you are authorised to do something about it. If you have no messages the message bar will be empty.

We advise you to remove/solve messages as soon as possible so you can see at once that there is a new message.

If a Warning can't or doesn't need to be actioned straight away, you can hide it until a selected date. When the date has passed, the warning will re-appear in Message Bar.

If you have Requested a job, you will always receive a message when finished or Denied. No need to waste time in the Request window, just wait for the message. To see the actual messages, click on the Message Button.

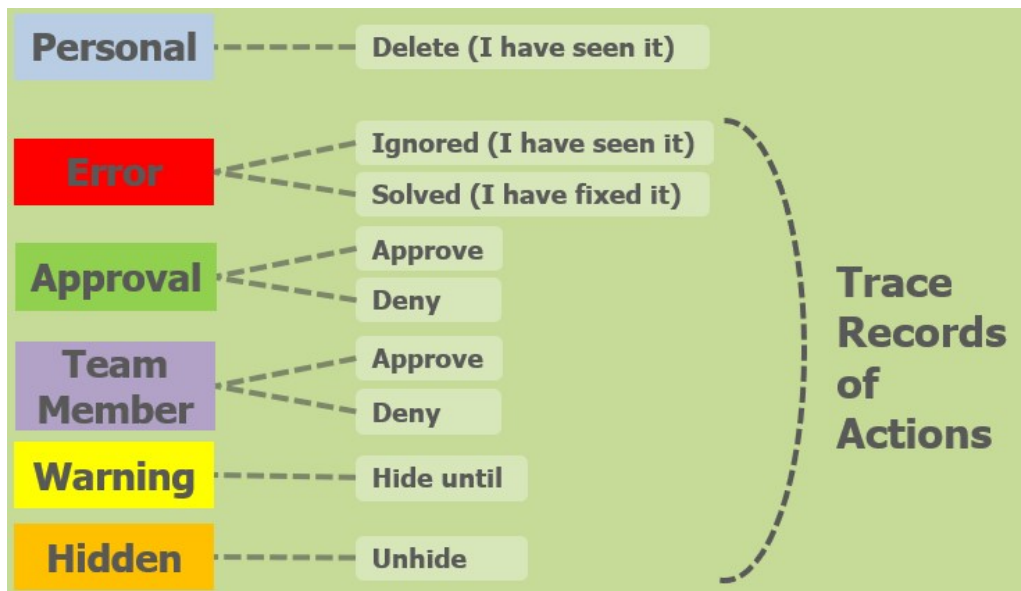
1.2 Message Types

Personal	- Job finished, job approval denied, team membership, etc.
Error	- Failed jobs, AlwaysOn Failovers.
Approval	- Requested jobs needing approval.
Team Member	- Requested Team membership needing approval.
Warning	- Incomplete, Inconsistent, FreeSpace, etc.
Hidden	- Hidden warnings.

Personal : 2 | Error : 3 | Approval : 1 | TeamMember : 1 | Warning : 18 | Hidden : 1

Message Type	Description
Personal	Result of a job/action started by you
Error	Job/action failed.
Approval	Approval of a job Request is needed
TeamMember	Approval of a Team Membership request is needed.
Warning	Stuff that needs to be fixed because of Inconsistency, Incompleteness etc.
Hidden	Warnings that have been hidden.

1.3 Message Actions



When a message has been seen you need to act on it. Every action on Message (except Personal) will result in a Trace record and is visible in the Trace module.

Warnings must be solved in QGrip/Infra.

Warning cannot be 'clicked away', they have to be solved. They can, however, be set to hidden for a period of time. Hidden warnings can be unhidden again.

1.3.1 RETRY after error

- **Defined for some errors during Backup jobs.**

RETRY with DBBackup-FULL Start Immediate, for ERROR: *[Original Error Message]*

RETRY with DBBackup-FULL Start after 60 minutes, for ERROR: *[Original Error Message]*

For some 'known' errors, QGrip automatically request a new job. A prefix with RETRY ... is added to the original error message. These errors can be ignored (unless the keep occurring). For the complete list of RETRY errors, see:

Doc-Tab	Title
Jobs	Backup & Maintenance

2 Monitoring

Errors

- **All jobs**
 - During runtime job
- **AlwaysOn Failover**
 - Every 3 minutes (QGripServer Extra Job)

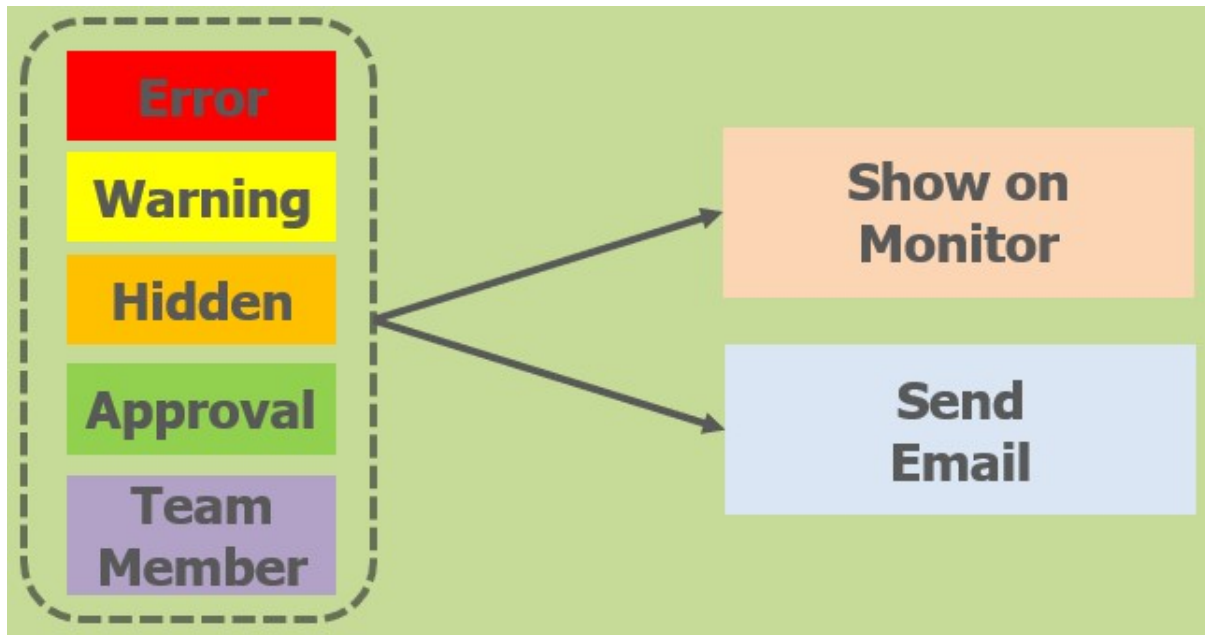
Warnings

- Refresh every 1 minute
- Frequency generated depend on source

All QGrip jobs are being monitored during runtime and errors will be announced immediately. For each Always On cluster, a check for failovers is done every 3 minutes.

The list of warnings is refreshed every 1 minute but the frequency for the check differs per warning. A list of which warnings are generated by which jobs and their frequency can be found in the tables per warning category, at the end of this document.

3 External Monitoring



There is a plugin to extract Messages from QGrip and show them on a monitor or send them by mail.

Recommended documentation

Doc-Tab	Title
Plugins	External Monitoring

4 Warnings, Message + Monitoring

Categories

- **Warning (Cannot be hidden)**
- **FreeSpace**
- **FreeSpace-Forecast**
- **Incomplete**
- **Inconsistent**
- **NotActivated**

The different Warning categories.

In the next sections, per category, an overview of all possible warnings, how they are monitored and with which frequency.

4.1 Category: Warning

Messages

Domain	Warning - Object	Message	Solve
AD	Instance : [VMSQL1602\INST02] Down	Instance not available.	Infra
	Approval	2 requests waiting longer than 1 hour for approval.	QGrip
	TeamMember	2 requests waiting longer than 1 hour for approval.	QGrip
	Longrunning	2 jobs are running longer than estimated.	QGrip
AD	QGripServer : [VMSS01]	No jobs started	QGrip/ Infra
AD	MaintenanceMode QGripServer : [VMSS01]	From [2021-01-31 10:49:28] until [2021-01-31 10:55:28]	QGrip
AD	MaintenanceMode Instance : [VMSQL1201\PRD]	From [2021-01-31 10:49:28] until [2021-01-31 10:55:28]	QGrip
AD	MaintenanceMode BackupShare : [Regular-All]	From [2021-01-31 10:49:28] until [2021-01-31 10:55:28]	QGrip
All	MaintenanceMode System : QGrip-System	From [2021-01-31 10:49:28] until [2021-01-31 10:55:28]	QGrip
All	QGrip License Expires	License will expire within 16 days.	QGrip
All	QGrip License Max Instances	Max number of licensed instances, 5, has been reached.	QGrip
All	QGrip License Users	Max number of licensed users, 5, has been reached.	QGrip
	SystemLogin: [QGripSQLInstall]	Should be dropped ASAP after Install on QGrip Server.	QGrip

Monitoring

Warning - Object	Source	Frequency
Instance : [VMSQL1602\INST02] Down	QGrip Server: Extra Job	3 minutes
Approval	QGrip CMDB	1 minute
TeamMember	QGrip CMDB	1 minute
Longrunning	QGrip CMDB: Jobs Running	1 minute
QGripServer : [VMSS01]	QGrip CMDB	1 minute
MaintenanceMode QGripServer : [VMSS01]	QGrip CMDB	1 minute
MaintenanceMode Instance : [VMSQL1201\PRD]	QGrip CMDB	1 minute
MaintenanceMode BackupShare : [Regular-All]	QGrip CMDB	1 minute
MaintenanceMode System : QGrip-System	QGrip CMDB	1 minute
QGrip License Expires	QGrip CMDB	1 minute
QGrip License Max Instances	QGrip CMDB	1 minute
QGrip License Users	QGrip CMDB	1 minute
SystemLogin: [QGripSQLInstall]	QGrip CMDB	1 minute

4.2 Category: FreeSpace

Messages

Domain	Warning - Object	Message	Solve
AD	BackupShare : [CopyOnly]	5.01 % free space left.	Infra
AD	Server : [VMSQL1201] Drive: C	3.81 % free space left.	Infra
AD	Database : [VMSQL1201\PRD].[TestApp_P] Datafile: TestApp_P	3.82 % free space left.	Infra
AD	Database : [VMSQL1201\PRD].[TestApp_P] Logfile: TestApp_P_log	5.90 % free space left.	Infra

Monitoring

Warning - Object	Source	Frequency
BackupShare : [CopyOnly]	QGrip Server: Extra Job	3 minutes
Server : [VMSQL1201] Drive: C	Discover Job	Schedule
Database : [VMSQL1201].[TestApp_P] Datafile: TestApp_P	Discover Job	Schedule
Database : [VMSQL1201].[TestApp_P] Logfile: TestApp_P_log	Discover Job	Schedule

4.3 Category: FreeSpace-Forecast

Messages

Domain	Warning - Object	Message	Solve
AD	BackupShare : [CopyOnly]	Forecast: Full 2021-03-28 (in 64 days)	Infra
AD	Server : [VMSQL1201] Drive: H	Forecast: Full 2021-03-04 (in 58 days)	Infra
AD	Database : [VMSQL1201].[TestApp_P] Datafile: TestApp_P	Forecast: Full 2021-01-17 (in 20 days)	Infra
AD	Database : [VMSQL1201].[TestApp_P] Logfile: TestApp_P_log	Forecast: Full 2021-01-29 (in 32 days)	Infra

Monitoring

Warning - Object	Source	Frequency
BackupShare : [CopyOnly]	QGrip Server: Extra Job	3 minutes
Server : [VMSQL1201] Drive: H	Discover Job	Schedule
Database : [VMSQL1201].[TestApp_P] Datafile: TestApp_P	Discover Job	Schedule
Database : [VMSQL1201].[TestApp_P] Logfile: TestApp_P_log	Discover Job	Schedule

4.4 Category: Incomplete

Messages

Domain	Warning - Object	Message	Solve
	Link2App	5 Unlinked Objects.	QGrip
	LabelClients	2 Unlabelled Clients.	QGrip
	Application : [PP-PietPort]	No Environment/Default Host Defined.	QGrip
	Application : [Pushy]	Databases without Database Alias.	QGrip
	Password : [Not in Safe]	1 password(s)	QGrip
AD	Instance : [VMSQL1201\PRD] Default Data/Log	Not Set on Infra.	Infra
AD	Instance : [VMSQL1201\PRD] Memory Min/Max	Not Set on Infra.	Infra
AD	Instance : [VMSQL1201\PRD] Cluster	NotSet.	QGrip
AD	Server : [VMSQL1201] (Licensed)Cores	Not Set.	QGrip
AD	Cluster : [VMCS02]	Instance missing in QGrip: VMSQL2019\Inst03	QGrip
	Script : GeneralPostClone	Not Defined.	QGrip
	Team : [IT-Service-DevOps]	No members.	QGrip
	Template : Database	Not accepted in 3 environments.	QGrip
	Template : DatabaseRole	No DatabaseRoles defined.	QGrip
	Template : Logins	No account types defined.	QGrip
	Template : Teams	Template Teams need to be re-created.	QGrip
	FileTransfer-Method	Not Defined	QGrip

Monitoring

Warning - Object	Source	Frequency
Link2App	Discover Job	Schedule (*)
LabelClients	Discover Job	Schedule (*)
Application : [PP-PietPort] (No Environment)	Discover Job	Schedule (*)
Application : [Pushy] (Database Alias)	Discover Job	Schedule (*)
Password : [Not in Safe]	Discover Job	Schedule (*)
Instance : [VMSQL1201\PRD] Default Data/Log	Discover Job	Schedule
Instance : [VMSQL1201\PRD] Memory Min/Max	Discover Job	Schedule
Instance : [VMSQL1201\PRD] Cluster	Discover Job	Schedule
Server : [VMSQL1201] (Licensed)Cores	Discover Job	Schedule
Cluster : [VMCS02] (Instance missing in QGrip)	QGrip Server: Extra Job	3 minutes
Script : GeneralPostClone	QGrip CMDB	1 minute
Team : [IT-Service-DevOps]	QGrip CMDB	1 minute
Template : Database	QGrip CMDB	1 minute
Template : DatabaseRole	QGrip CMDB	1 minute
Template : Logins	QGrip CMDB	1 minute
Template : Teams	QGrip CMDB	1 minute
FileTransfer-Method	QGrip CMDB	1 minute

(*) Solved in QGrip, warning disappears after 1 minute.

4.5 Category: Inconsistent

Messages

Domain	Warning - Object	Message	Solve
	Password : [Safe <> Instance]	1 password(s)	QGrip
	Password : [Not on Instance]	4 password(s)	QGrip
AD	BackupShare : [Regular-All]	1033 alien/unknown files on backupshare.	QGrip
AD	BackupShare : [Regular-All]	7 restored backupfiles files on backupshare.	QGrip
AD	BackupShare : [Regular-All]	27 missing backupfiles files on backupshare.	QGrip
AD	Cluster : [VMCS02] DBBackup	Instances not using same BackupShare	QGrip
AD	Cluster : [VMCS02] LogBackup	Instances not using same BackupShare	QGrip
AD	Cluster : [CLUSTER01] Login [SQL_MA_P] Missing	Missing on Instance(s)	Infra
AD	Cluster : [CLUSTER01] Login [SQL_MA_P] Password	Password Inconsistent on Instance(s)	Infra
AD	Cluster : [CLUSTER01] Login [SQL_MA_P] SID	SID Inconsistent on Instance(s)	Infra
AD	Cluster : [CLUSTER01] Login [SQL_MA_P] EPP	Enforce Password Policy inconsistent on Instance(s)	Infra
AD	Cluster : [CLUSTER01] Login [SQL_MA_P] ServerRoles	ServerRoles inconsistent on Instance(s)	Infra
	Team : [Pushy-FA-Tester]	Defined for inactive environment: Test	QGrip

Monitoring

Warning - Object	Source	Frequency
Password : [Safe <> Instance]	Discover Job	Schedule (*)
Password : [Not on Instance]	Discover Job	Schedule (*)
BackupShare : [Regular-All] (Alien files)	DomainJob: Check-BackupShares	Schedule (*)
BackupShare : [Regular-All] (Restored files)	DomainJob: Check-BackupShares	Schedule (*)
BackupShare : [Regular-All] (Missing files)	DomainJob: Check-BackupShares	Schedule (*)
Cluster : [VMCS02] DBBackup	QGrip CMDB	1 minute
Cluster : [VMCS02] LogBackup	QGrip CMDB	1 minute
Cluster : [CLUSTER01] Login [SQL_MA_P_AppUser] Missing	Discover Job	Schedule
Cluster : [CLUSTER01] Login [SQL_MA_P] Password	Discover Job	Schedule
Cluster : [CLUSTER01] Login [SQL_MA_P] SID	Discover Job	Schedule
Cluster : [CLUSTER01] Login [SQL_MA_P] EPP	Discover Job	Schedule
Cluster : [CLUSTER01] Login [SQL_MA_P] ServerRoles	Discover Job	Schedule
Team : [Pushy-FA-Tester]	QGrip CMDB	1 minute

(*) Solved in QGrip, warning disappears after 1 minute.

4.6 Category: Notactivated

Messages

Domain	Warning - Object	Message	Solve
AD	Template-Schedule : [Acceptance]	Not Activated for any Job Types	QGrip
	CleanUp-Schedule	Not Activated	QGrip
AD	DomainJob-Schedule : [DeleteCheck-BackupFiles]	Not Activated	QGrip
AD	DomainJob-Schedule : [Check-BackupShares]	Not Activated	QGrip
AD	DomainJob-Schedule : [Get-ADGroupMembers]	Not Activated	QGrip
AD	Instance-Schedule : [VMSQL1201\PRD]	No jobschedules activated	QGrip

Monitoring

Warning - Object	Source	Frequency
Template-Schedule : [Acceptance]	QGrip CMDB	1 minute
CleanUp-Schedule	QGrip CMDB	1 minute
DomainJob-Schedule : [DeleteCheck-BackupFiles]	QGrip CMDB	1 minute
DomainJob-Schedule : [Check-BackupShares]	QGrip CMDB	1 minute
DomainJob-Schedule : [Get-ADGroupMembers]	QGrip CMDB	1 minute
Instance-Schedule : [VMSQL1201\PRD]	QGrip CMDB	1 minute