

# Reference system 0.21

Released: 05.11 2012.

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## Highlights

- Integrity scales up to 100.000 files.
- Audit trail service scales unlimited. Note that the AuditTrail GUI may have problems displaying all the audit trails.
- Logging greatly improved. This includes event logging.
- Integrity check of obsolete checksums working.
- Now uses ActiveMQ 5.7 client libs.

## Updating from 0.20

### ReferenceSettings

The following settings have been changed:

- Added optional `GracePeriod` and `MaxNumberOfEventsInRequest` elements to `AuditTrailServiceSettings` section.
- Added optional `ObsoleteChecksumSettings` section to `IntegrityServiceSettings` section.

See [ReferenceSettings.xml](#) diff for details.

## List of issues resolved in this release.

T	Key	P	Summary
	BITMAG-763		The message logging should scale to large number of files
	BITMAG-766		FileExchange cannot handle large files
	BITMAG-769		Integrity check of collected checksums takes fare to long
	BITMAG-775		Integrity service uses the TimeBeforeMissingFileCheck for checking checksums obsoletion
	BITMAG-720		Permissions should not be checked for responses
	BITMAG-737		The audit trail service should retrieve audit trails in chunks
	BITMAG-741		The protocol should support paging for GetAuditTrails, GetChecksums and GetFileIDs
	BITMAG-755		GetFile success-complete when url-error
	BITMAG-762		SBPillar return 1970-01-16 as checksumCalculation time
	BITMAG-770		ResponseText should be optional
	BITMAG-628		Introduce pr. pillar maxChecksumAge in the integrity service
	BITMAG-701		Remove audittrailinformation argument from getChecksums and getFileIDs and add to getFile
	BITMAG-758		FailureEvent shows ComponentID as responseCode
	BITMAG-759		GetFileIDs complete events should not list the results
	BITMAG-760		Event logging should just use the event toString
	BITMAG-767		Update to use ActiveMQ 5.7.0 client

## Dependencies

Message-XML-23  
Collection-settings 0.9

## Downloads



- Alarm service.
- Audit trail service.
- Status service.
- Integrity service.

## Maven site

BITMAG-768	AuditTrail and Integrity services should have a configurable grace period after start up so they won't go bonanza collecting information just after startup
BITMAG-772	Services should use different topics for requests and responses
BITMAG-757	GetFileIDs events are shown as GET_FILE_I_DS

19 issues

## Known bugs found in this release

T	Key	P	Summary	Fix Version/s
	BITMAG-790		Checksum pillar always tries to download new file for replace file	0.23
	BITMAG-788		IntegrityService does not delete the files, which are not present at any pillars.	0.22
	BITMAG-802		The IntegrityService database should not be able to have files, which does not have a state on all pillars	Iteration later
	BITMAG-779		Add INTEGRITY_ISSUE alarm code to Alarm GUI drop down	0.22

4 issues