

BPOps Migration when upgrading to 7.2 SP3

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Impact of Solution Manager Upgrade for BPOps functions

What to consider from BPOps perspective for upgrade to 7.2 1/3

Aspect	Details of Aspect	What to consider
Release of Solution Manager 7.1	SP11 or below	Migration to MAI cannot happen on 7.1, needs to happen as part of the content activation on 7.2
	SP12 or higher	Migration to MAI can already happen on 7.1 system, SAP Note 2345777 needs to be implemented before migration
BPOps tools in use (part 1)	BPMon (including Job Mon, DCMon and IFMon)	Migration via content activation manual cleanup activities required before migration <i>manual adjustments might be required for BADIs and some customer monitors</i>
	Business Process Analytics	Migration via content activation
	Interface Documentation	Migration via content activation
	IDC / CDC	No migration
	BPO Dashboards for BPMon	Manual reconfiguration necessary for dashboards using BPMon information

Considerations in Italic are relevant only for some customers and depend on the exact configuration used

What to consider from BPOps perspective for upgrade to 7.2 2/3

Aspect	Details of Aspect	What to consider
BPOps tools in use (part 2)	BPO Dashboards for Business Process Analytics	Dashboards can be migrated via Business Process Operations post upgrade activities in Solution Manager Configuration
	Dependency Diagrams for Business Process Analytics	Dependency Diagrams can be migrated via Business Process Operations post upgrade activities in Solution Manager Configuration
	Progress Management Boards for Business Process Analytics (available only with 7.1 SP15)	Manual reconfiguration necessary on 7.2
	Dashboards Factory using BPOps information	<i>Manual reconfiguration might be necessary, depending on exact content of dashboards</i>
	Job Documentation	Migration in 7.2 (after content activation) in Solution Manager Configuration In 7.2 Job Documentation related UIs can only be adopted / extended with help of Floor Plan Manager (FPM)
	Job Request Process	Migration via content activation
	BPCC	<i>Manual re-adjustments may be required</i>

Considerations in Italic are relevant only for some customers and depend on the exact configuration used

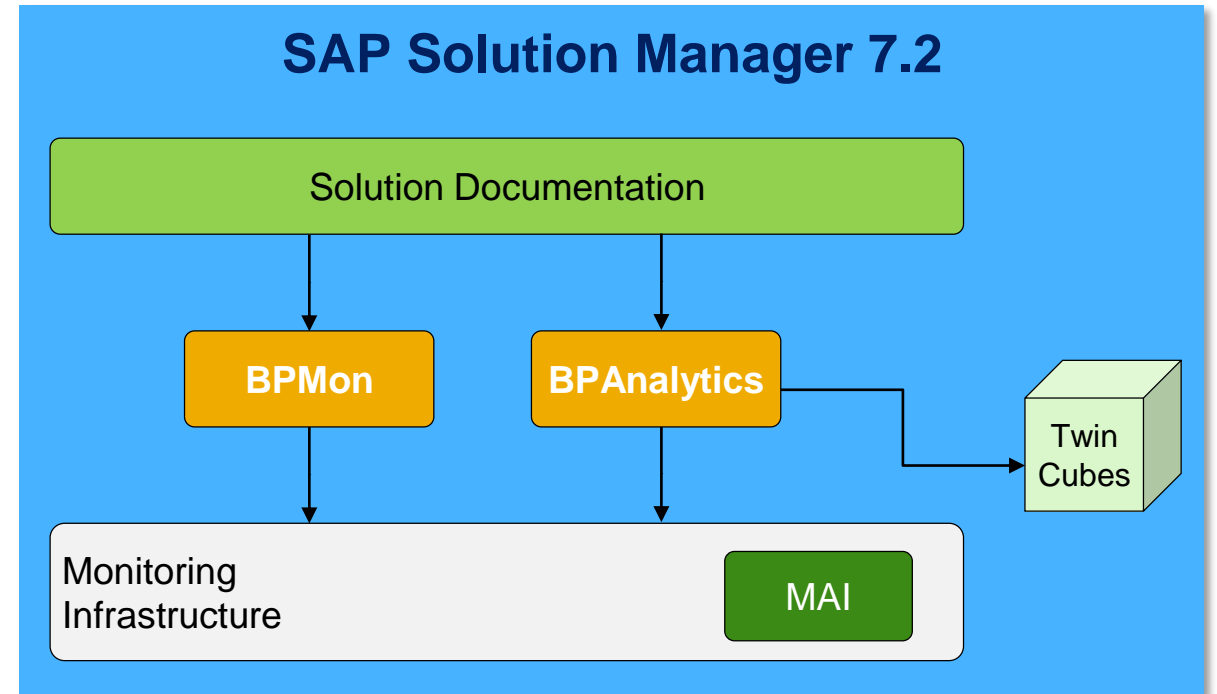
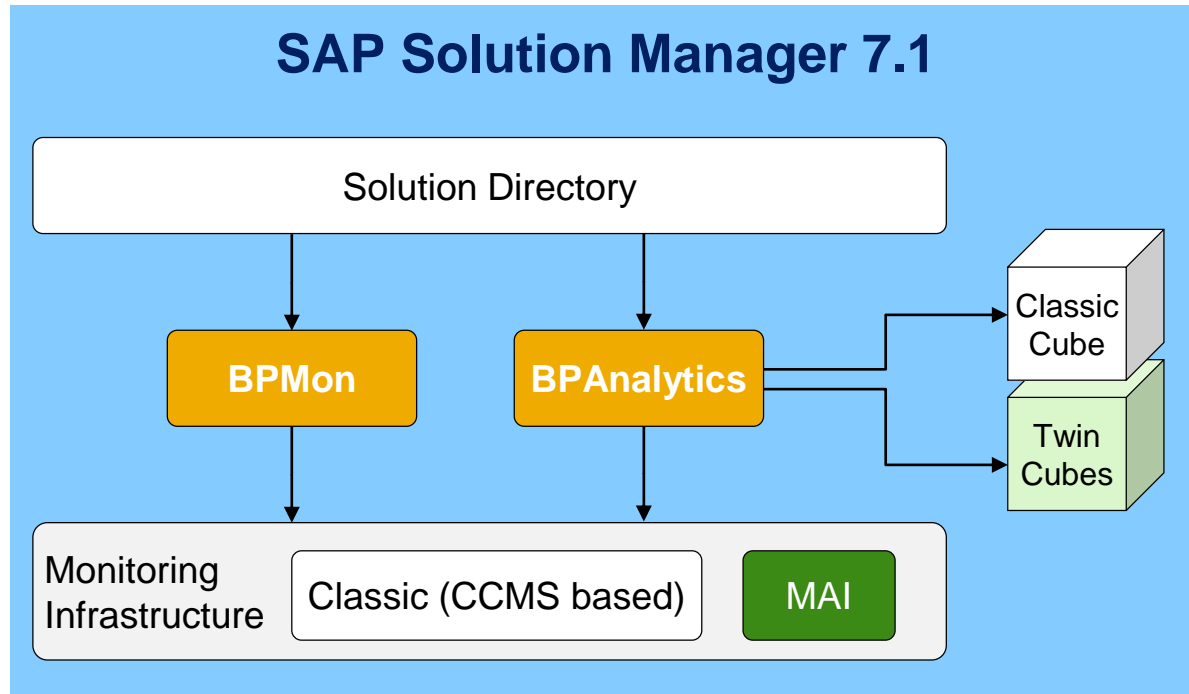
What to consider from BPOps perspective for upgrade to 7.2 3/3

Aspect	Details of Aspect	What to consider
Monitoring Infrastructure used	Solutions using classic (CCMS based) infrastructure	Migration to MAI needs to happen at the latest as part of the content activation, ideally should happen already in 7.1
	Solution using Monitoring and Alerting Infrastructure	Content activation only migrates the BPMon configuration to new solution documentation
Analytics cubes used	classic	Migration to twin cubes needs to happen on 7.2 at the latest, ideally should happen already on 7.1, purely technical change, no end user training or authorization adjustment required
	Twin cubes	No migration
Sites to be used in 7.2		Additional manual configuration required to merge or reconfigure monitoring objects according to site concept
New UIs and infrastructures in Solution Manager 7.2	End User Training	Solution Manager Launchpad, Solution Documentation, Cross-Database Comparison and the switch to MAI all require end user training for configuration and consumption
	Adjusted Roles and Authorization concept	Solution Manager Launchpad, Solution Documentation, Job Documentation and the switch to MAI all require adjusted roles and authorization concept for configuration and consumption



What is new in BPOps in 7.2

New Infrastructures in Solution Manager 7.2



For Business Process Operations tools several infrastructure changes come with 7.2. While some of these infrastructures were already available in 7.1 (and migration to them may already take place in 7.1), at the latest with the upgrade to 7.2 you will need to migrate to the new infrastructures.

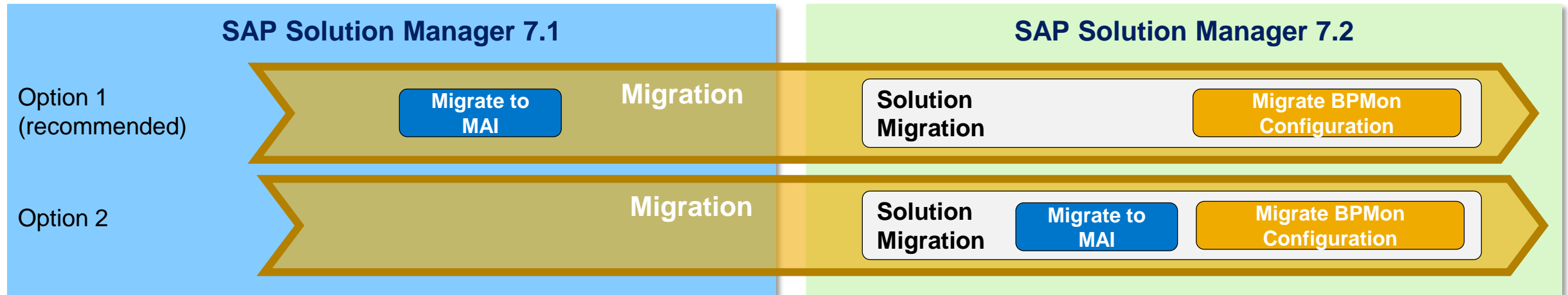


Possible Upgrade Paths

Migration for BPOps from 7.1 to 7.2

When upgrading SAP Solution Manager 7.1 to 7.2 the monitoring configuration has to be migrated. The migration consists of 2 parts – migrating the configuration storage as part of the solution migration and migrating to the MAI.

The migration happens to a large part via a migration report. Usually, very little manual reconfiguration is required.



Initial Situation:

Customer uses BPOps in Solution Manager 7.1 ≤ SP11



Initial situation:

Customer is on Solution Manager 7.1 SP11 or lower. They have solutions with classic BMon and BPAanalytics. Maybe they even use job documentation or interface documentation. Now they want to upgrade their 7.1 Solution Manager to 7.2.

Initial Situation:

Customer uses BPOps in Solution Manager 7.1 ≥ SP12



Initial situation:

Customer is on Solution Manager 7.1 SP12 or higher. They have solutions with classic BPMon & BPAnalytics and some solutions with BPMon & BPAnalytics on MAI. Maybe they even use job documentation or interface documentation. Now they want to upgrade their 7.1 Solution Manager to 7.2.

Initial Situation: Customer uses BPOps on 7.1, but wants to do a fresh system installation for 7.2



Initial situation:

A customer uses BPMon (classic or on MAI) on 7.1 for one or several solutions. Instead of upgrading their Solution Manager system, they want to do a fresh system installation of their Solution Manager 7.2 system.



Upgrade from Solution Manager 7.1 ≤ SP11

Initial Situation:

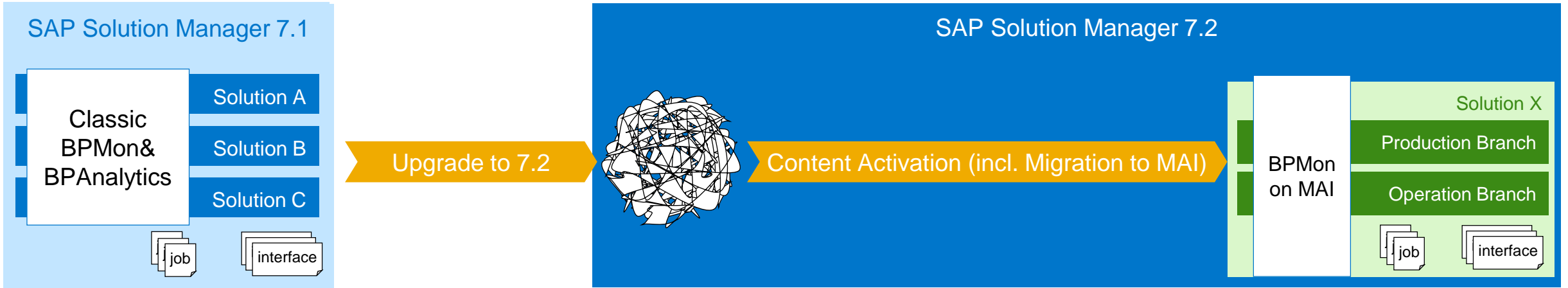
Customer uses BPOps in Solution Manager 7.1 ≤ SP11



Initial situation:

Customer is on Solution Manager 7.1 SP11 or lower. They have solutions with classic BMon and BPAanalytics. Maybe they even use job documentation or interface documentation. Now they want to upgrade their 7.1 Solution Manager to 7.2.

Upgrade Path



- Select solutions you want to migrate and clean up monitoring configuration in these solutions
- Upgrade system to 7.2
- Ensure technical prerequisites for MAI
- Execute Content Activation (includes the migration to MAI, migration of job request process and interface documentation)
- Migrate to Twin Cube BPA Analytics
- Migrate Job Documentation
- Manually create operations branch (can only be created after content activation)
- Manually recreate dashboards containing alert information
- Manually adjust user authorizations

TIME →

Advantages / Disadvantages of Upgrade Procedure

Advantages

- Historical data (for Dashboards, Analytics and Reporting) is available in 7.2 system

Disadvantages

- Technical prerequisites for MAI can only be ensured once the upgrade to 7.2 has happened. This prolongs the downtime of the 7.2 system.
- Migration to MAI cannot be tested before the 7.2 upgrade.



Upgrade from Solution Manager 7.1 \geq SP12

Initial Situation:

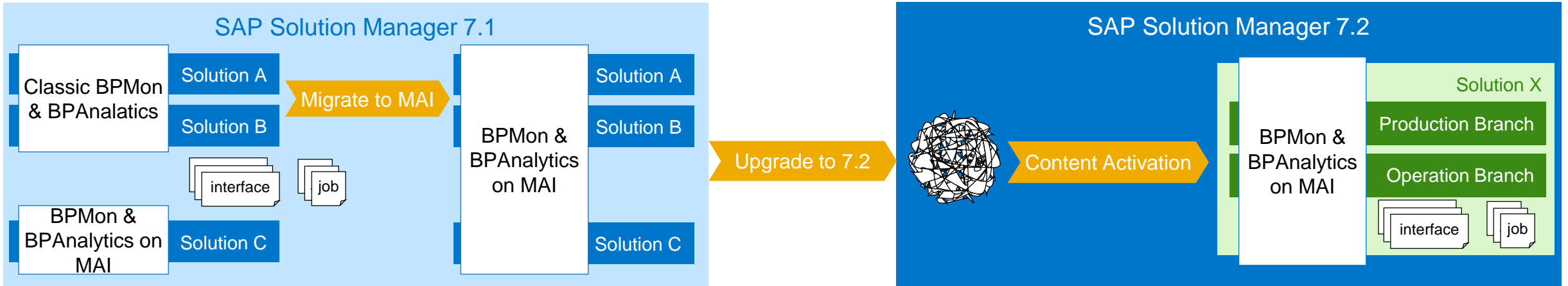
Customer uses BPOps in Solution Manager 7.1 ≥ SP12



Initial situation:

Customer is on Solution Manager 7.1 SP12 or higher. They have solutions with classic BPMon & BPAnalytics and some solutions with BPMon & BPAnalytics on MAI. Maybe they even use job documentation or interface documentation. Now they want to upgrade their 7.1 Solution Manager to 7.2.

Recommended Upgrade Path



- Ensure technical prerequisites for MAI
- Select solutions you want to migrate and clean up monitoring configuration in there
- Test migration for solution copies to resolve technical issues before migrating the productive solutions

- Migrate each classic solution individually to MAI
- Independantly, migrate to Analytics twin cubes

- Upgrade system to 7.2

- Ensure technical prerequisites for MAI
- Execute Content Activation (includes migration of job request process and interface documentation)
- Migrate Job Documentation

- Manually create operations branch (can only be created after content activation)
- Manually recreate dashboards containing alert information
- Manually adjust user authorizations

TIME

Advantages / Disadvantages of Upgrade Path

Advantages

- Migration to MAI can already happen on 7.1 system, reducing downtime of entire Solution Manager after the upgrade
- Test-migration on 7.1 to resolve technical issues for the migration, reducing the downtime of the entire Solution Manager after the upgrade
- If original solutions are migrated, historical data (for Dashboards, Analytics and Reporting) is available in 7.2 system

Disadvantages

-
- If copies of solutions are migrated to MAI, the historical data is lost as the MONIDs change
- User trainings may have to be executed 2 times – once after the migration to MAI and once after the upgrade to 7.2

Alternative Upgrade Path



- Select solutions you want to migrate and clean up monitoring configuration in these solutions

- Upgrade system to 7.2

- Ensure technical prerequisites for MAI
- Execute Content Activation (includes the migration to MAI, migration of job request process and interface documentation)
- Migrate to Twin Cube BPAnalytics
- Migrate Job Documentation

- Manually create operations branch (can only be created after content activation)
- Manually recreate dashboards containing alert information
- Manually adjust user authorizations

TIME



Fresh Installation of SAP Solution Manager 7.2

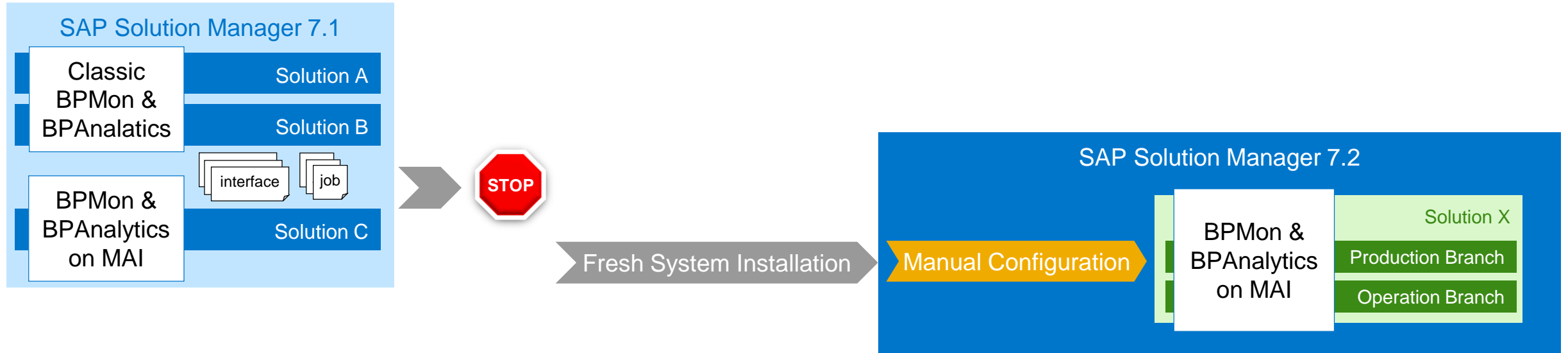
Initial Situation: Customer uses BPOps on 7.1, but wants to do a fresh system installation for 7.2



Initial situation:

A customer uses BPMon (classic or on MAI) on 7.1 for one or several solutions. Instead of upgrading their Solution Manager system, they want to do a fresh system installation of their Solution Manager 7.2 system.

Upgrade Procedure



- Select the solutions and BPOps functions you want to continue using in 7.2

- Manually re-configure your monitoring and analytics
- Manually re-configure dashboards
- Manually re-document jobs and interfaces
- Export your CDC configurations on 7.1 system and import them on 7.2 system

time

Advantages / Disadvantages of Upgrade Procedure

Advantages

- Might be easier to start with a fresh installation instead of cleaning up your existing Solution Manager system

Disadvantages

- Historical data (for Dashboards, Analytics and Reporting) is data cannot be transferred between systems
- In general, BPOps configuration cannot be transferred into Solution Manager 7.2, so BPOps configuration needs to be redone manually (exception is CDC, where export/import is possible),

A fresh installation of the 7.2 Solution Manager system instead of an upgrade requires a complete manual re-configuration of BPMon and means the loss of all historical data.