MODULE 8 – ADVANCED ADMINISTRATION OF TFS

Move Team Projects Collection
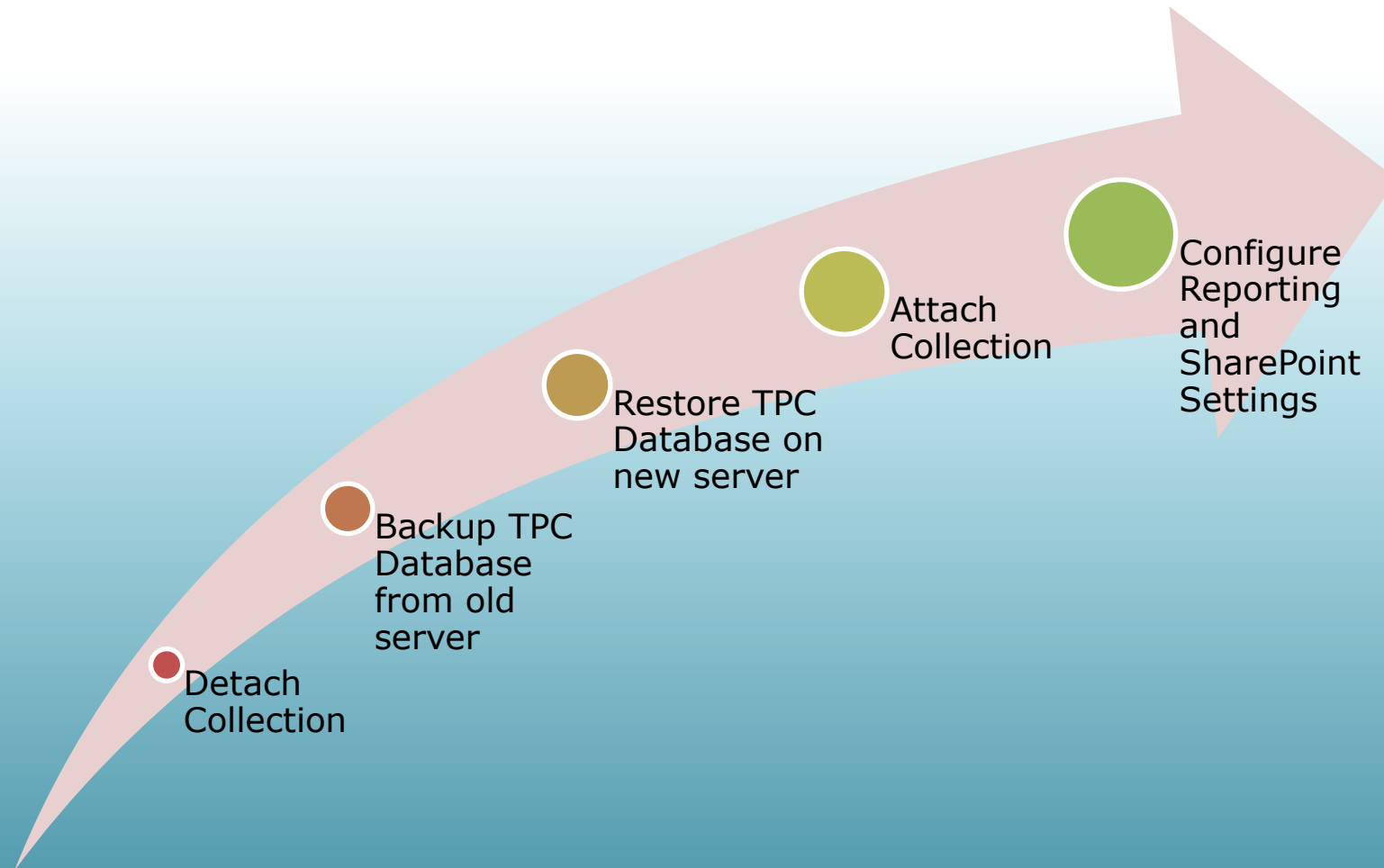
Splitting Team Projects Collection

Install New TFS
- Do not create collection with the same name that you want to split

Copy TPC on new TFS
- Detach
- Backup
- Copy
- Restore
- Attach

Delete Team Projects
- Retain only projects that are mutually exclusive on both server

Start both collections
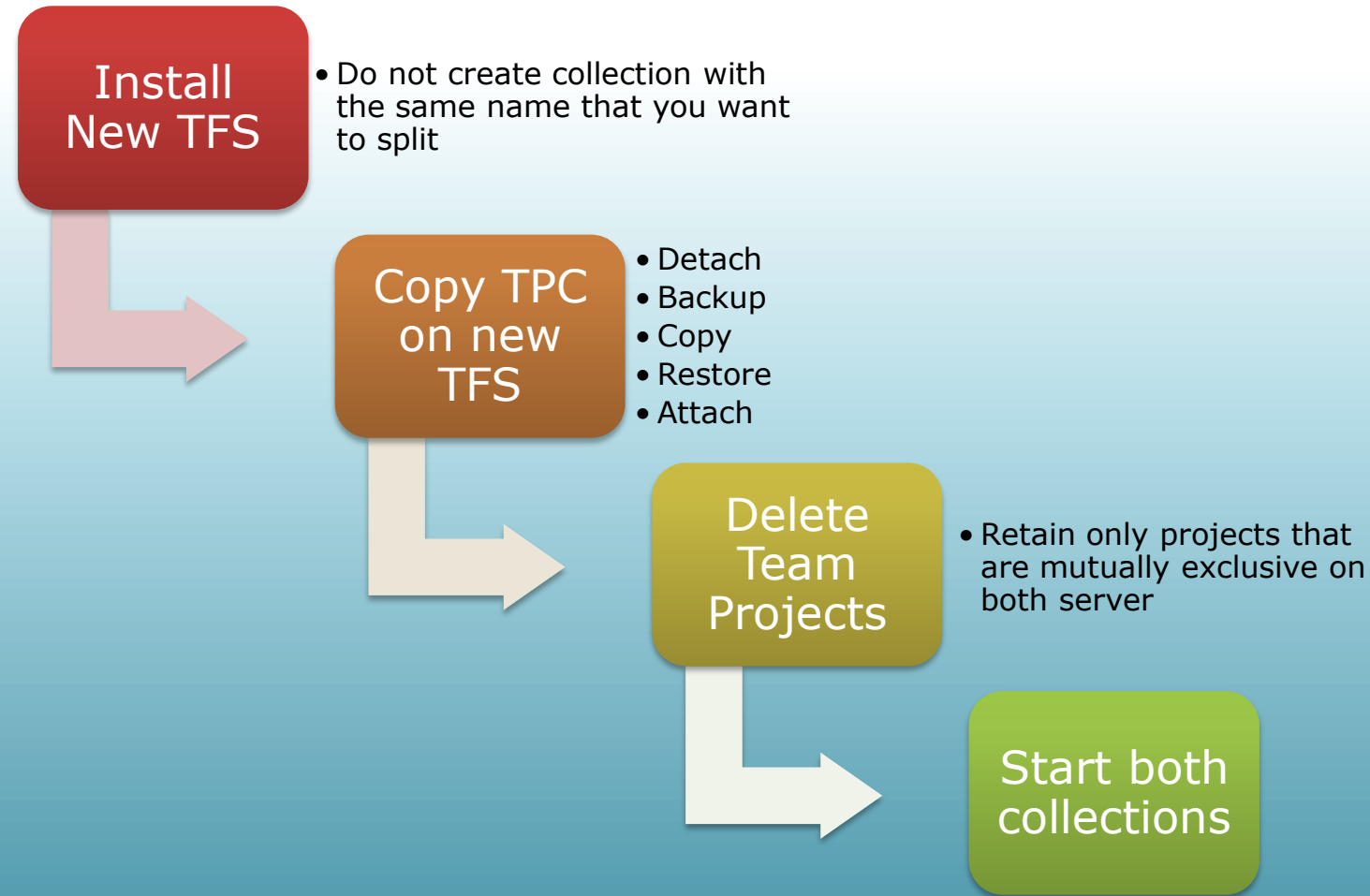
Backup and Recovery – Which Databases to Backup?

TFS Database

- Tfs_Configuration
- Tfs_Warehouse
- Tfs_DefaultCollection
- Any Additional Collection Database

Reporting Service

- ReportServer
- ReportServerTempDB

Recover Failed App Tier / Data Tier

App Tier

- Install on a new machine
- Configuration Type - App Tier Only

Data Tier

- TfsConfig.exe
  - RegisterDB – Used for changing the configuration database of TFS (To a different SQL Server)
  - RemapDB – Used when redirecting TFS to multiple different database that store TFS Configuration and Analysis Data

TFSConfig RegisterDB /SQLInstance:Contoso\TeamDb /databaseName:Tfs_Configuration

TFSConfig RemapDBs /DatabaseName:ServerName;DatabaseName /SQLInstances:ServerName1 [/AnalysisInstance:ServerName] [/AnalysisDatabaseName:DatabaseName]

Lab: TFS Warehouse Control

- http://localhost:8080/tfs/TeamFoundation/Administration/v3.0/WarehouseControlService.asmx
- Run the actions in the following order
  - ProcessWarehouse (no parameters)
  - GetProcessingStatus (TPC Name as parameter) to check if the processing is succeeded
  - ProcessAnalysisDatabase – Parameter: Full
  - GetProcessingStatus (no parameters)… You should see "Successful" after some time

Lab: TFS Web Based Diagnostics

- On TFS open the URL: http://tfs-server:8080/tfs/_oi
- It shows Activity Logs, Errors, Events etc. which can be used to diagnose any issues or problems faced on that TFS.
- It also shows Jobs that were executed or are executing.