**Deployment Guide**

1. Export from DEV

a. Create new YYYYMMDD (date of last run) subfolder of [\\10.19.229.35\e$\Scripts\migration.fromDEV\Output](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\Output) and move existing content to that subfolder

b. Export Sync Server config (Identity Manager server export) to [\\10.19.229.35\e$\Scripts\migration.fromDEV\Output\Server](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\Output\Server)

c. Export FIM Schema ([\\10.19.229.35\e$\Scripts\migration.fromDEV\exportSchema.ps1](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\exportSchema.ps1) which generates schema.xml file in ..\Output)

d. Export FIM Policy ([\\10.19.229.35\e$\Scripts\migration.fromDEV\exportPolicy.Part1.ps1](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\exportPolicy.Part1.ps1) which generates policy\_part1.xml file in ..\Output)  
\*\*\* note: if not a first time deployment, or when no new schema has been created which will change the schema of the FIM MA, this step can be skipped \*\*\*

e. Export FIM Policy ([\\10.19.229.35\e$\Scripts\migration.fromDEV\exportPolicy.Part2.ps1](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\exportPolicy.Part2.ps1) which generates policy\_part2.xml file in ..\Output)

2. Export from UAT

a. Create new YYYYMMDD (date of last run) subfolder of [\\10.19.229.31\e$\Scripts\Output](file:///\\10.19.229.31\e$\Scripts\Output) and move existing content to that subfolder

b. Export Sync Server config (Identity Manager server export) to [\\10.19.229.30\f$\UAT.DeployFromDEV\Version1.3.UAT\Server.Save](file:///\\10.19.229.30\f$\UAT.DeployFromDEV\Version1.3.UAT\Server.Save) (set the folder version accordingly - this is purely for recovery/reference post migration)

c. Export FIM Schema ([\\10.19.229.31\e$\Scripts\exportSchema.ps1](file:///\\10.19.229.31\e$\Scripts\exportSchema.ps1) which generates schema.xml file in ..\Output)

d. Export FIM Policy ([\\10.19.229.31\e$\Scripts\exportPolicy.Part1.ps1](file:///\\10.19.229.31\e$\Scripts\exportPolicy.Part1.ps1) which generates policy\_part1.xml file in ..\Output)  
\*\*\* note: if not a first time deployment, or when no new schema has been created which will change the schema of the FIM MA, this step can be skipped \*\*\*

e. Export FIM Policy ([\\10.19.229.31\e$\Scripts\exportPolicy.Part2.ps1](file:///\\10.19.229.31\e$\Scripts\exportPolicy.Part2.ps1) which generates policy\_part2.xml file in ..\Output)

3. Copy/Rename files from DEV to UAT

a. Copy sync server config from [\\10.19.229.35\e$\Scripts\migration.fromDEV\Output\Server](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\Output\Server) to [\\10.19.229.30\f$\UAT.DeployFromDEV\Version1.3.UAT\Server](file:///\\10.19.229.30\f$\UAT.DeployFromDEV\Version1.3.UAT\Server)

b. Rename schema.xml in [\\10.19.229.31\e$\Scripts\Output](file:///\\10.19.229.31\e$\Scripts\Output) to production\_schema.xml

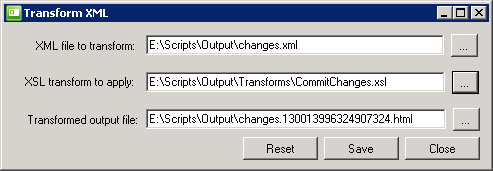
c. Rename policy\_part1.xml in [\\10.19.229.31\e$\Scripts\Output](file:///\\10.19.229.31\e$\Scripts\Output) to production\_policy.xml  
\*\*\* note: if not a first time deployment, or when no new schema has been created which will change the schema of the FIM MA, ignore policy\_part1.xml and rename policy\_part2.xml instead \*\*\*

d. Copy FIM Schema schema.xml from ([\\10.19.229.35\e$\Scripts\migration.fromDEV\output](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\output) as pilot\_schema.xml to [\\10.19.229.31\e$\Scripts\Output](file:///\\10.19.229.31\e$\Scripts\Output)

e. Copy FIM Policy policy\_part1.xml and policy\_part2.xml from ([\\10.19.229.35\e$\Scripts\migration.fromDEV\output](file:///\\10.19.229.35\e$\Scripts\migration.fromDEV\output) as pilot\_policy.xml and policy\_part2.xml respectively to [\\10.19.229.31\e$\Scripts\Output](file:///\\10.19.229.31\e$\Scripts\Output)  
\*\*\* note: if not a first time deployment, or when no new schema has been created which will change the schema of the FIM MA, ignore policy\_part1.xml and rename policy\_part2.xml instead \*\*\*

4. Sync Schema

a. Run [\\10.19.229.31\e$\Scripts\SyncSchema.ps1](file:///\\10.19.229.31\e$\Scripts\SyncSchema.ps1) to generate .\Output\changes.xml

b. Run [\\10.19.229.31\e$\Scripts\Output\TransformXML.exe](file:///\\10.19.229.31\e$\Scripts\Output\TransformXML.exe) to analyse changes.xml (hit Save and open generated html file in browser)  
  


c. If no changes, proceed to step 5

d. Run [\\10.19.229.31\e$\Scripts\CommitChanges.ps1](file:///\\10.19.229.31\e$\Scripts\CommitChanges.ps1) to apply changes in .\Output\changes.xml, and monitor output

e. Run [\\10.19.229.31\e$\Scripts\Output\TransformXML.exe](file:///\\10.19.229.31\e$\Scripts\Output\TransformXML.exe) to analyse undone.xml (hit Save and open generated html file in browser)  
Note: undone.xml will only be produced if there are errors syncing changes ... analyse errors, and correct as necessary

f. Run [\\10.19.229.31\e$\Scripts\resumeUndoneImports.ps1](file:///\\10.19.229.31\e$\Scripts\resumeUndoneImports.ps1) to re-apply changes in .\Output\undone.xml, and monitor output

5. Sync Policy Part 1  
TBC (as per Part 2 but with different file names)  
\*\*\* note: if not a first time deployment, or when no new schema has been created which will change the schema of the FIM MA, skip this step \*\*\*

5. Import Sync Server config  
\*\*\* Note: if re-importing, use the mechanism which allows you to reuse existing connection details by hitting the escape key for MAs ... but be sure to check each credential afterwards e.g. ensure the DEV FIM MA creds don't persist (there appears to be a bug whereby the existing FIM end-point URL <http://d-occcp-as002:5725/> is overwritten by the DEV equivalent <http://localhost:5725/>) \*\*\*

\*\*\* Note: remove all DEV ONLY filters immediately after import!!! \*\*\*

6. Sync Policy Part 2

a. Run [\\10.19.229.31\e$\Scripts\StringSubstitutionsForTest.cmd](file:///\\10.19.229.31\e$\Scripts\StringSubstitutionsForTest.cmd) to perform string replacements to accommodate DEV=>TEST variations

b. Run [\\10.19.229.31\e$\Scripts\SyncPolicy.ps1](file:///\\10.19.229.31\e$\Scripts\SyncPolicy.ps1) to generate .\Output\changes.xml

c. Run [\\10.19.229.31\e$\Scripts\Output\TransformXML.exe](file:///\\10.19.229.31\e$\Scripts\Output\TransformXML.exe) to analyse changes.xml (hit Save and open generated html file in browser)

\*\*\* Note: any changes to explicit sets should be removed from the file (remove the entire ImportObject node) - explicit sets should be installed initially with empty membership!!! \*\*\*

d. Run [\\10.19.229.31\e$\Scripts\CommitChanges.ps1](file:///\\10.19.229.31\e$\Scripts\CommitChanges.ps1) to apply changes in .\Output\changes.xml, and monitor output

e. Run [\\10.19.229.31\e$\Scripts\Output\TransformXML.exe](file:///\\10.19.229.31\e$\Scripts\Output\TransformXML.exe) to analyse undone.xml (hit Save and open generated html file in browser)  
Note: undone.xml will only be produced if there are errors syncing changes ... analyse errors, and correct as necessary

f. Run [\\10.19.229.31\e$\Scripts\resumeUndoneImports.ps1](file:///\\10.19.229.31\e$\Scripts\resumeUndoneImports.ps1) to re-apply changes in .\Output\undone.xml, and monitor output

7. Run a FIFS on the FIM MA

8. Re-import Sync Server config  
\*\*\* Note: this step is necessary to re-establish precedence \*\*\*