



CONFIGURATION VALIDATION TOOL



Validation Steps

Check HSM Connectivity from any 1 or 2 Servers (Preferably from sink and Services Servers)
Verify DSL version on all Servers
Verify Platform version on all Servers
Verify DSL version on Batch Servers and
Validate SetupCI.bat
Validate CoreAuthSetup.bat
Verify MIPs in case of POD2 PATUAT, PATQA , Production, JAZZ QA and PROD
Verify Source Sink Scale files Scale_MC<X>.ini (AZ wise grouping in PERF, PROD and MOCK)
Verify CoreAuth AppServer Scale File (AZ wise grouping in PERF, PROD and MOCK)
Verify CoreIssue AppServer Scale File (AZ wise grouping in PERF, PROD and MOCK)
Verify KMS and start Service
Verify WCF Config File and update CI URL, KMS and DB (CCAPPSQLAG1 & CCRPTSQLAG1)
Verify CoreCardServices Config File and update DB (CCAPPSQLAG1 & CCRPTSQLAG1)
Verify Application Pool of WCF, must be configured with ccgs-app-svc user, Enable32bitApplication True and Worker Process to 4
Verify Application Pool of CoreCardServices, must be configured with ccgs-app-svc user, Enable32bitApplication false and Worker Process to 4
Verify Authentication in Basic Settings of WCF and CoreCardServices, must be configured with ccgs-app-svc user
Verify CoreIssue URL accesiblity from all WCF Servers
Verify Certificate in bindings of all WCF Servers
Verify WCF URL accesiblity from all WebServers
Verify ARR and Reverse Proxy Status on all WebServers
Verify Config Files of Services, AccountSummary, PersonAccountSummary & ListAccounts
Verify Config Files of CoreIssue Website
Verify Config File of CoreCreCredit
Verify Authentication in Basic Settings of Services, CoreIssue and CoreCredit, must be configured with ccgs-web-svc user
Verify Application Pool of Services Website, Set Worker Process to 64 in case of PERF, PROD and MOCK, Enable32bitApplication false
Verify Application Pool of CoreCredit Website, Set Enable32bitApplication True
Verify Certificate in bindings of all WebServers
Verify CoreCredit Login
Run IsOnline API on all WebServers with IP (If Error, need to execute SQL Script)
Run AccountSummary API on all WebServers with IP
Run ListAccounts API on all WebServers with IP
Verify Batch Server and Schedule Jobs
Verify SQL Server Reporting Services Configuration
Verify Report Delivery Workflow Configuration

1. Updating the SetupFile

Open the SetupFile.ps1 and Update the value as a validation parameter.

Warning: Don't put space within the value.

Try It: Right Click on File and Open.

1. Update the TAGs value.
2. Make Sure, all values are up to date according to the environment.

Example: JAZZ-PERF Environment

```
#####Application Values#####
$PlatformVersion = "4.2.42.16"
$ApplicationVersion = "16.00.09.03.01"
$ODBCName = "LISTPLAT"
$DBServer = "CCAPPSQLAG1"
$CoreIsseDB = "CCJAZZ_CoreIssue"
$CoreAuthDB = "CCJAZZ_CoreAuth"
$CoreCreditDB = "CCJAZZ_CoreCredit"
$CoreLibraryDB = "CCJAZZ_CoreLibrary"
$CoreAppDB = "CCJAZZ_CoreApp"
$CoreCollectDB = "CCJAZZ_CoreCollect"
$KMSDB = "CCJAZZ_KMS"
$WCFSSSLCert = "wcf.perf.cc-pod3.marcusinfra.nimbus.gs.com"
$CoreCreditSSLCert = "corecredit.perf.cc-pod3.marcusinfra.nimbus.gs.com"
$CoreIssueSSLCert = "ci.perf.cc-pod3.marcusinfra.nimbus.gs.com"
$ServicesSSLCert = "service.perf.cc-pod3.marcusinfra.nimbus.gs.com"
$ReportServicesSSLCert = "report.perf.cc-pod3.marcusinfra.nimbus.gs.com"
#####SetupCI and CoreAuthSetup Variable#####
$SCALE_SERVER_HOST = "CCWEBE1PERFB1"
$ExperianSetup = "ExperianSetup=Testing"
$Enviroment = "Enviroment=Testing"
$PlatPIIHubEnv = "PlatPIIHubEnv=PERFPROD"
$PlatPIIHubTokenEnv = "PlatPIIHubTokenEnv=PERFPROD"
$PlatAutoRewardRedeem = "PlatAutoRewardRedeem=PERFPROD"
$RelaxIssueStatusCheckForActivation = "RelaxIssueStatusCheckForActivation=TEST"
$TokenRefreshCall = "TokenRefreshCall=1"
$TLS12Required = ""
$KMS = "CCKMSE1PERFB1 CCKMSE1PERFB2"
$MIPTestRequired = "NO"
$MIPEndPoint = "perf.hsm.infra.marcus.com"
$MIPPort = "1500"
$HSMEndPoint = "perf.hsm.infra.marcus.com"
$HSMPort = "1500"
#####ICA AND GSI Number Value In All Environments#####
# ICA Number in PLAT All Environments=019800 | All JAZZ Environment=021190
# GSINumber Number in PLAT-DEV, QA UAT, PERF and PROD=19805 | PATUAT=525363 | PATQA=547895 | All JAZZ Environment=31190
#####SetupCI and CoreAuthSetup Variable#####
$ICANumber = "021190"
$GSINumber = "31190"
```

3. Update the Zones to validate the ScaleFiles AZ wise and update the scale file name without extension (.ini)

Example: JAZZ-PERF Environment.

```
#####AZ Wise ScaleFile Name #####
$AZWiseScaleVerification = "YES"
$ZoneA = "us-east-1a"
$ZoneC = "us-east-1c"
$ZoneD = "us-east-1d"
####Put ScaleFile Name without Extension###
$ServicesScaleName_ZoneA = "scale_appServices_STD-Group1"
$ServicesScaleName_ZoneC = "scale_appServices_STD-Group2"
$ServicesScaleName_ZoneD = "scale_appServices_STD-Group3"

$CoreIssueScaleName_ZoneA = "scale_appCoreIssue_STD-Group1"
$CoreIssueScaleName_ZoneC = "scale_appCoreIssue_STD-Group2"
$CoreIssueScaleName_ZoneD = "scale_appCoreIssue_STD-Group3"

$CoreAuthScaleName_ZoneA = "scale_appCoreAuth_STD-Group1"
$CoreAuthScaleName_ZoneC = "scale_appCoreAuth_STD-Group2"
$CoreAuthScaleName_ZoneD = "scale_appCoreAuth_STD-Group3"

$MCScaleName_ZoneA = "Scale_MC_STD-1"
$MCScaleName_ZoneC = "Scale_MC_STD-2"
$MCScaleName_ZoneD = "Scale_MC_STD-3"
#####
```

2. How to run ?

Right Click on CCValidationTool.ps1 and Select "Run with Powershell", Choose one option and enter.

Example: Select 4 and Enter on the PowerShell Console.

```
=====
***** Configuration Validation *****
=====
1 - Validate - Application
2 - Validate - KMS
3 - Validate - WCF
4 - Validate - WebServer
5 - Validate - HSM & MIP
6 - Validate - BAT
7 - Validate - ReportDelivery
8 - Validate - ReportServer
9 - Complete - Validation
10 - Quit
=====
select:
```

WebServer Validation Started:

```
=====WebServer Validation Started=====
Instructions::Press Enter Once Application Validation is Completed
Do not Close the Console, This is Important to generate the ErrFile
=====
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.77 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.17 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.18 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.88 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.138 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.128 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.98 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
SUCCESS:: 10.105.80.90 SINK IP is up to date in DbbScale.ini of us-east-1a on CCWEBE1PERFB1...!!
Verifying us-east-1a Services ScaleFile_____
```

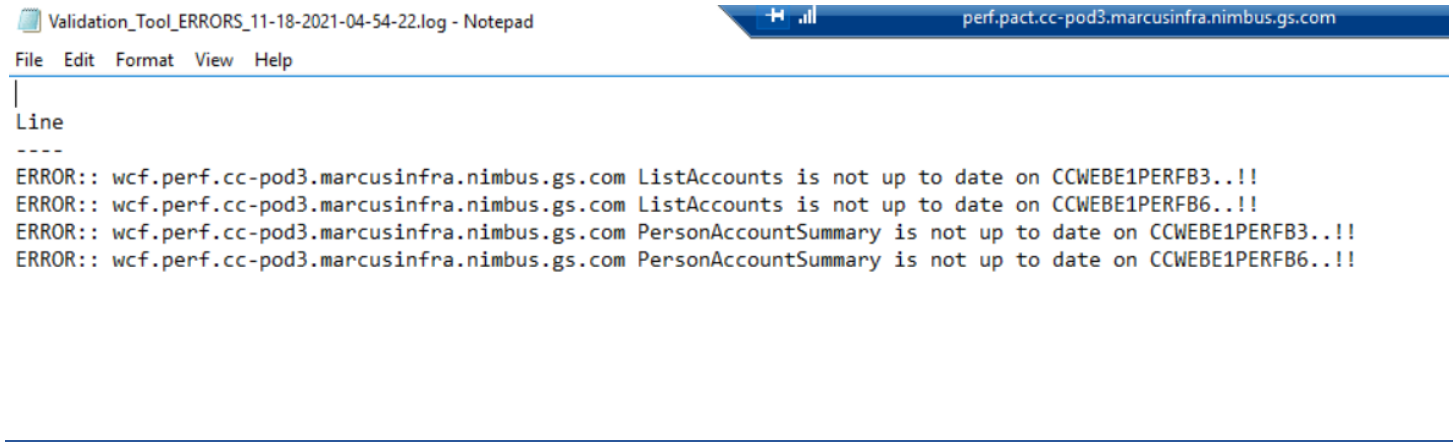
Do not close the console directly, Press Enter once all steps are performed:

```
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB14...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB23...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB20...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB17...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB8...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB26...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB11...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB2...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB5...!!
Verifying CoreIssue Site Accessibility_____
SUCCESS:: IIS URL Rewrite Module 2 is Available on CCWEBE1PERFB29...!!
Completed_____
=====WebServer Validation Completed=====
Press any key to return to Main Menu
```

Two Log files will generate after Returning to the Main menu.

 Validation_Tool_11-18-2021-04-54-22.log	11/18/2021 5:02 AM	Text Document	147 KB
 Validation_Tool_ERRORS_11-18-2021-04-54-22.log	11/18/2021 5:04 AM	Text Document	2 KB

One log file contains all the information like Success or Error, and "Validation_Tool_ERRORS" log contains only Errors.



The image shows a Notepad window titled "Validation_Tool_ERRORS_11-18-2021-04-54-22.log - Notepad". The window has a menu bar with "File", "Edit", "Format", "View", and "Help". The address bar shows the URL "perf.pact.cc-pod3.marcusinfra.nimbus.gs.com". The text content of the log file is as follows:

```
Line
----
ERROR:: wcf.perf.cc-pod3.marcusinfra.nimbus.gs.com ListAccounts is not up to date on CCWEBE1PERFB3...!!
ERROR:: wcf.perf.cc-pod3.marcusinfra.nimbus.gs.com ListAccounts is not up to date on CCWEBE1PERFB6...!!
ERROR:: wcf.perf.cc-pod3.marcusinfra.nimbus.gs.com PersonAccountSummary is not up to date on CCWEBE1PERFB3...!!
ERROR:: wcf.perf.cc-pod3.marcusinfra.nimbus.gs.com PersonAccountSummary is not up to date on CCWEBE1PERFB6...!!
```