

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT'S OF HUMAN SERVICES,
INSURANCE AND AGING**

INFORMATION TECHNOLOGY PROCEDURE

Name Of Procedure: Post-Migration Quality Assurance Procedures	Number: PRO-EASS016
Domain: Application	Category:
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Date Revised: 08/10/2015	

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Post-Migration Quality Assurance Procedures

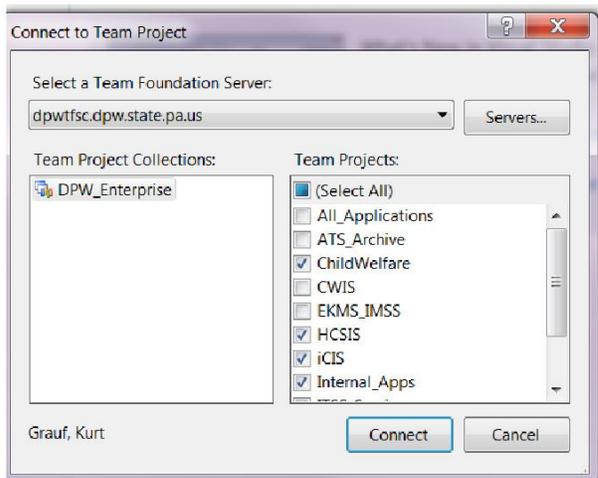
Introduction

BIS is seeking to augment post-migration quality assurance procedures. For server-based applications, Microsoft Visual SourceSafe may be used to quickly analyze and confirm file versions immediately after deployment.

Purpose

The purpose of this document is to detail the procedures that may be used to validate software file versions and DLL component registration paths. This document also outlines a post-deployment validation testing methodology that may be used to review and confirm application deployments in the DHS Production environment.

Post-migration quality assurance procedures



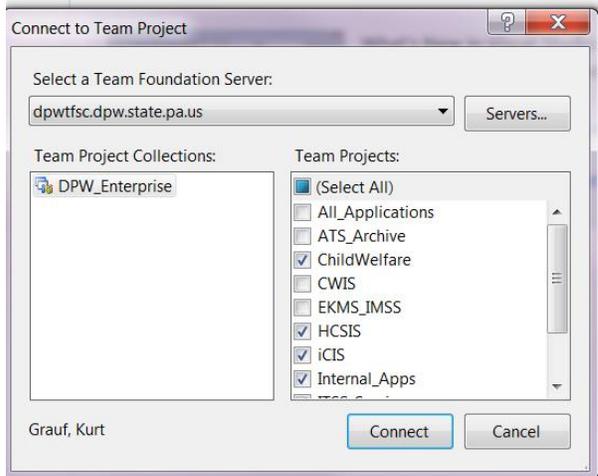
Post-Deployment Validation Testing Methodology

Application development teams are expected to coordinate post-deployment validation testing efforts with appropriate stakeholder groups (i.e. Program Office personnel, Business Partner staff, etc.). Given the existing network load-balanced (NLB) architecture of several DHS applications, post-deployment validation testing of these applications should be

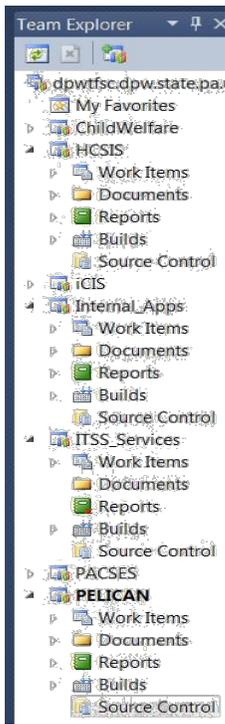
conducted in a manner that specifically accesses both NLB nodes. The following approach outlines how this may be accomplished:

Differences between folders.

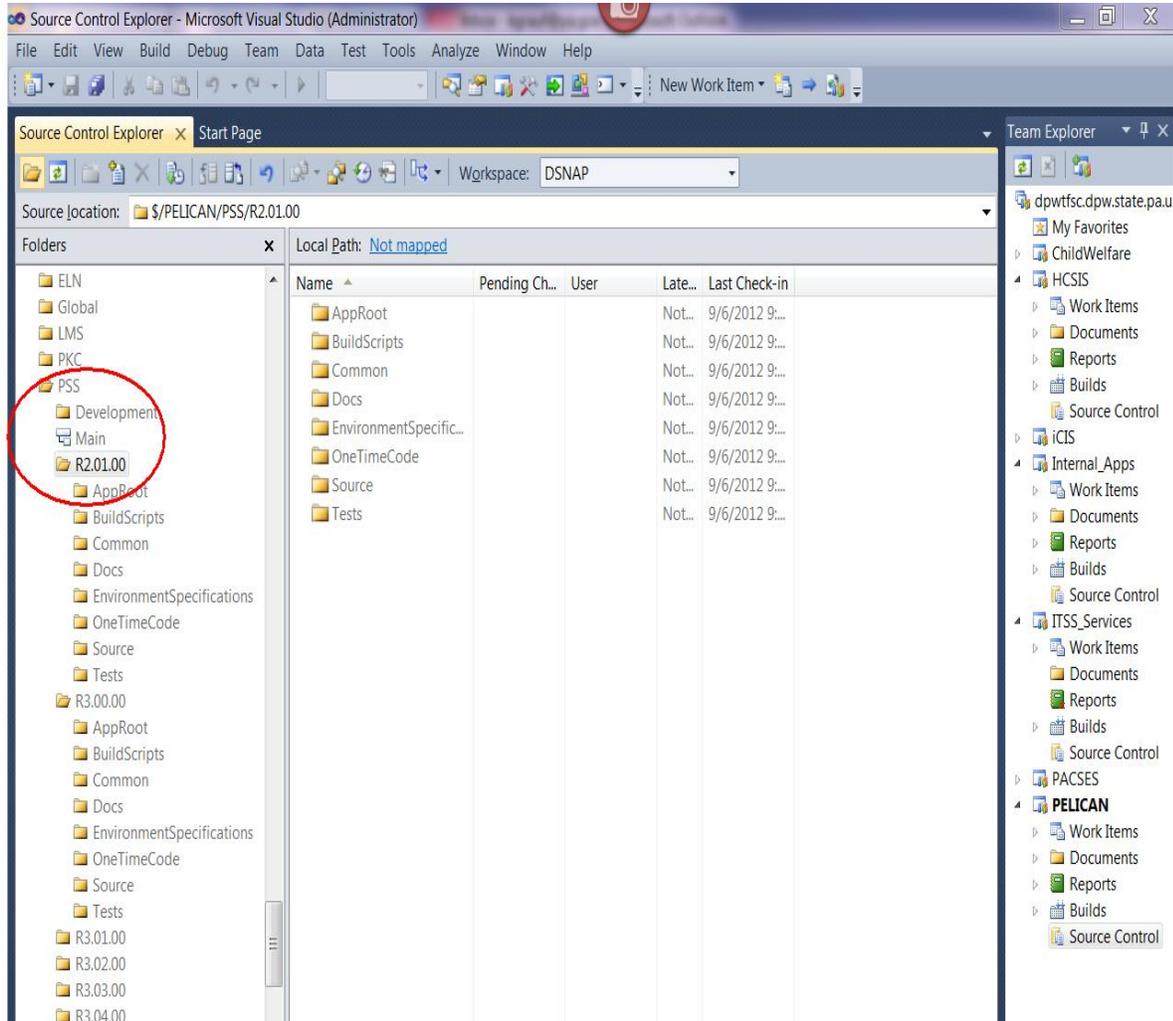
1. Open **Visual Studio**.
2. Select "**Connect to Team Foundation Server.**"



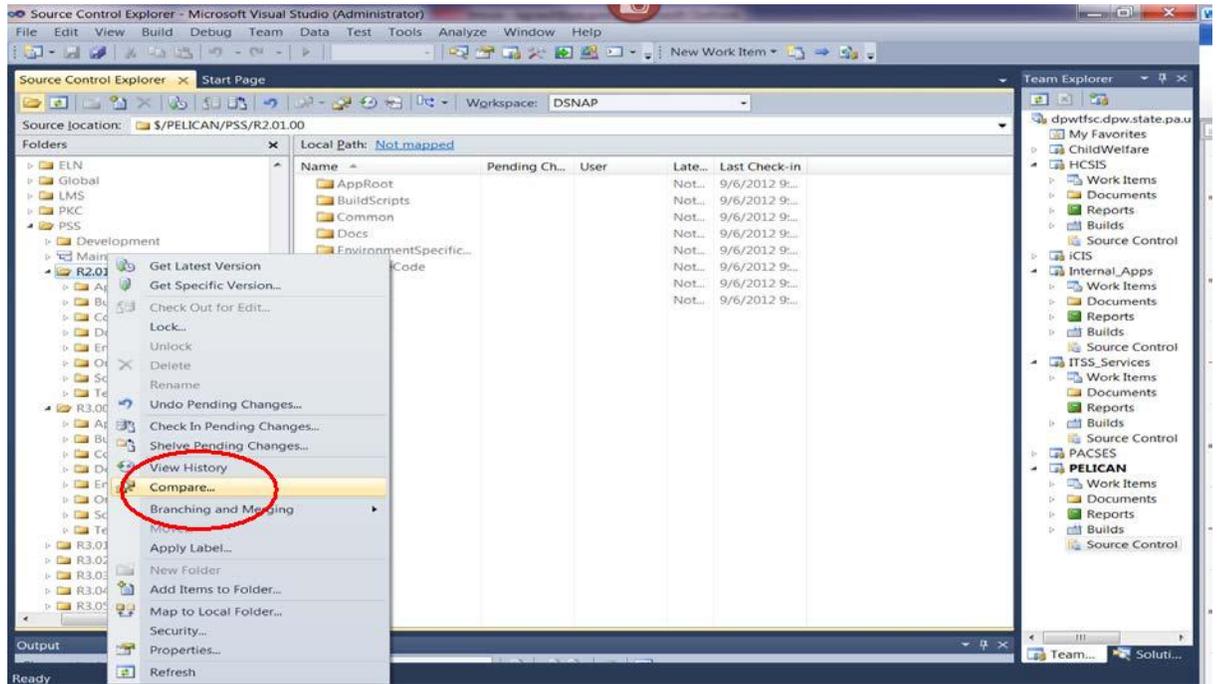
3. Place check mark next to those team projects to be displayed.
4. Open **Team Explorer**.



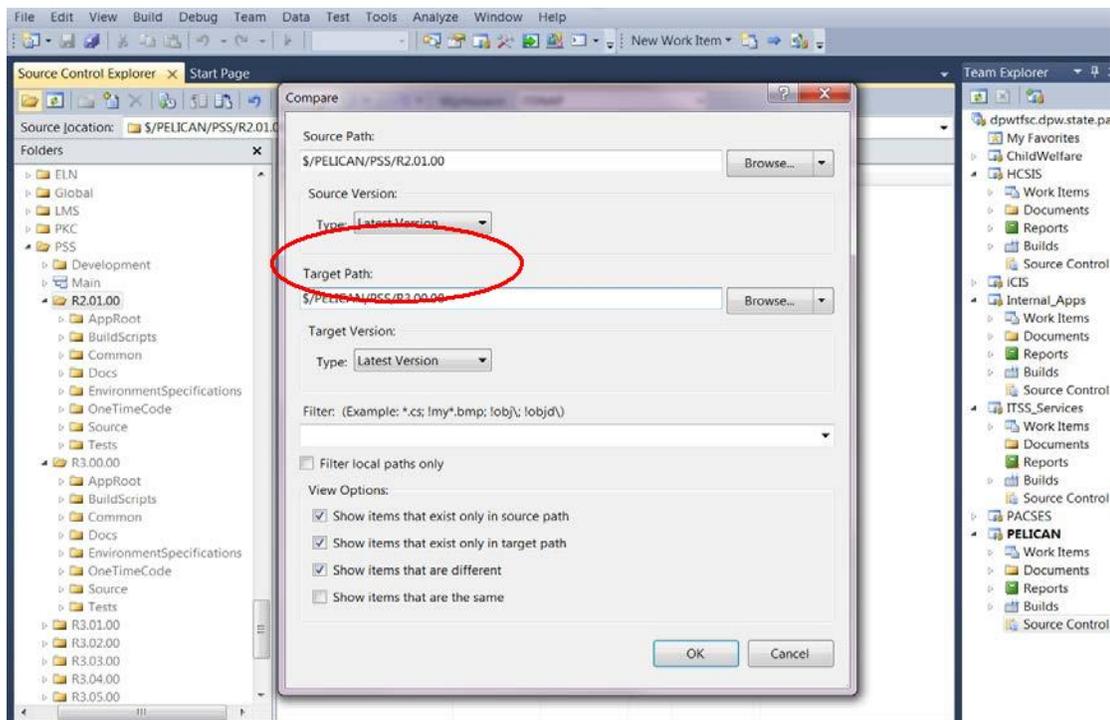
5. Click desired **Project** from **Team Explorer**.
6. Click “Source Control” to view the folders within **Source Control Explorer**.
7. Select desired **Plan** from **Source Control Explorer**.
8. Select desired folder to compare.



9. Right click on source folder for comparison.
10. Select **Compare** from drop-down.



11. Enter Target path to be compared to; source path already filled out.



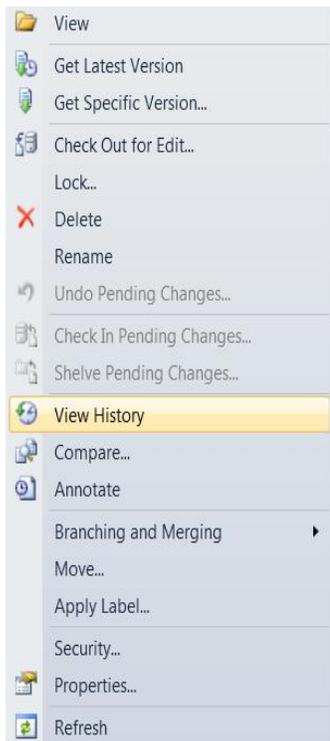
12. List the differences of the comparison.

1496 files compared: 60 different, 0 only in source, 78 only in target

Source Items	Target Items	Differ...
execute.build	execute.build	Yes
PSS.build	PSS.build	Yes
fxCopProject.FxCop	fxCopProject.FxCop	Yes
deployServer.build	deployServer.build	Yes
get.build	get.build	Yes
settings.build	settings.build	Yes
	\$/PELICAN/PSS/R3.00.00/Docs/Checklists	
	\$/PELICAN/PSS/R3.00.00/Docs/Checklists/CodeReview	
	AuthorizationApproval.aspx.vb-11.0.0-CR.doc	
	AuthorizationApproval.aspx-11.0.0-CR.doc	
	AuthorizationApprovalBO.vb-11.0.0-CR.doc	
	AuthorizationApprovalBWF.vb-11.0.0-CR.doc	
	AuthorizationApprovalDAO.vb-11.0.0-CR.doc	
	CCISInvoiceParticipation.aspx.vb-11.0.0-CR.doc	

Differences between history.

1. Right click on the file to be viewed.
2. Click on “**View History**.”
3. A list of the history differences appears.



Refresh Schedule:

All procedures and referenced documentation identified in this document will be subject to review and possible revision annually or upon request by the DHS Information Technology Standards Team.

Procedure Revision Log:

Change Date	Version	Change Description	Author and Organization
03/04/2004	1.0	Initial creation.	Rob Ashworth
08/27/2014	2.0	Reviewed and updated	Virjean Dauksha
08/10/2015	2.1	Name change from DPW to DHS	Virjean Dauksha