

Salesforce Deployment

A Deployment connection allows customizations to be copied from one organization to another. This list shows the deployment connections allowed from other organizations to this organization, and from this organization to others. Deployment to the staging environment follows the same procedure as migrating from one development organization to another. This procedure includes manual migration for any component and for any features developed using the Salesforce user interface. In addition, it's advisable to manually run all tests in your staging environment to avoid any possible issues before the production deployment, But in the case of Sandbox to sandbox migration no need to write any test classes.

In Salesforce the Org which is Sending the information is the Source and the Org which is Receiving is the Destination. In Salesforce by using Change Set we can send information from one Org to other Org.

Change Set is package where we add all components like Fields, Objects, Rules, Automations. There are two type Change sets are there:

1. Inbound Change Set
2. Outbound Change Set

Inbound Change Set used where the Org receiving information and Outbound Change Set where the Org sending the information.

Steps for Deployment:








1. Login to Salesforce Organization
2. Go to Setup and Search for Deployment Settings.
3. Enable *Allow deployments of components* and then save.

Deployment Settings

Deployment Connections

A deployment connection allows customizations to be copied from one organization to another. This list shows the deployment connections allowed from other organizations to this organization, and from this organization to others.

This Organization: Integra (Developer Sandbox)

Action	Name	Description	Type	Upload Authorization Direction
Edit	Production	Production organization	Production	Integra  Production
Edit	NishantPOC		Developer	Integra  NishantPOC
Edit	KB		Developer	Integra  KB
Edit	ShellPOC		Developer Pro	Integra  ShellPOC
Edit	Team1		Developer	Integra  Team1
Edit	Team2		Developer	Integra  Team2
Edit	Team3		Developer	Integra  Team3

Deployment Options

Allow deployments of components when corresponding Apex jobs are pending or in progress.
Caution: Enabling this option may cause Apex jobs to fail.

4. Connect two Orgs:

- Go to Destination Org and enable '**Allow Inbound Changes**'.

Deployment Connection

Integra

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A deployment connection allows customizations to be copied from one organization to another.

This Organization: ShellPOC (Developer Pro Sandbox)

Deployment Connection Detail [Edit](#)

Name	Integra
Description	
Type	Developer

Upload Authorization Direction

Allow Inbound Changes  Accept Outbound Changes 

[Edit](#)

- Go to Source Org and enable '*Allow Outbound Changes*'.

Deployment Connection
Team3

Each organization controls which organizations can upload changes to it. Select Allow Inbound Changes to authorize the connection from another organization to your organization. To authorize changes from your organization to another organization, contact the administrator responsible for that organization.

This Organization: **ShellPOC (Developer Pro Sandbox)**

Deployment Connection Detail		Save	Cancel
Name	Team3		
Description			
Type	Developer		
Upload Authorization Direction			
Allow Inbound Changes	<input type="checkbox"/>	Accept Outbound Changes	<input checked="" type="checkbox"/>
		Save	Cancel

5. Go to Setup and type Outbound Change Set and click New.

6. Enter Name and Description and then save.

7. Go to **Change Set Components**.

Change Set Detail		Edit	Delete	Upload	Clone
Change Set Name	Test				
Description					
Created By	Nishant Dwivedi , 4/21/2017 12:01 PM	Modified By	Nishant Dwivedi , 4/21/2017 12:01 PM		
		Edit	Delete	Upload	Clone
Change Set Components		Add	View/Add Dependencies		
This change set contains no components					
		Add	View/Add Dependencies		
Profile Settings For Included Components		Add Profiles			
This change set contains no profiles					
		Add Profiles			

8. Click on **Add** and add all required fields, Objects and etc..

9. Now click on *Upload* and it takes some time.

10. Go to Destination Org and in search box type Inbound Change set.

Inbound Change Sets

An inbound change set contains customizations sent from another organization to this one. These customizations can include new components or modifications to existing components, such as apps, objects, reports, or Apex classes and triggers. An inbound change set can't delete or rename components in this organization.

Example uses:

- Deploy Apex classes and triggers developed in sandbox to production
- Apply changes from other environments to this organization, such as new objects and fields
- When planning to deploy on a schedule, validate pending changes ahead of time



Change Sets Awaiting Deployment					
Action	Change Set Name	Description	Source Organization	Uploaded By	
Delete	Shell New		ShellPOC	Nishant Dwivedi @ ShellPOC	1
Delete	Shell_234		ShellPOC	Nishant Dwivedi @ ShellPOC	1

11. Select particular name and Click on Deploy.

Change Set Detail

[Video Tutorial](#) | [Help for this Page](#)

Shell Demo

[Back to List: Inbound Change Sets](#)

This change set contains customizations that have been uploaded from a connected organization. If you aren't ready to deploy at this time, you can click Validate to preview deployment results without committing any changes. It isn't necessary to validate before deploying, as the deployment won't commit any changes if there are failures.

View Details [Validate](#) [Deploy](#) [Delete](#)

Change Set Name	Shell Demo	Source Organization	ShellPOC
Description		Uploaded By	Nishant Dwivedi, 21/4/2017 10:02 AM
Expiration Date	17/10/2017		

Deployment History

Action	Status	Errors	Deployed By	Start Time	End Time
View Details	✔ Deploy: Succeeded		Srikant Swain	21/4/2017 10:04 AM	21/4/2017 10:04 AM

12. Go to Setup and type *Deployment Settings* and there you can see the status.

