



BESPIN GLOBAL



## BSP User Manual

# DevOps



BESPIN GLOBAL



# DevOps

You can manage development and release plan, Build & Deploy configuration, and End To End process.

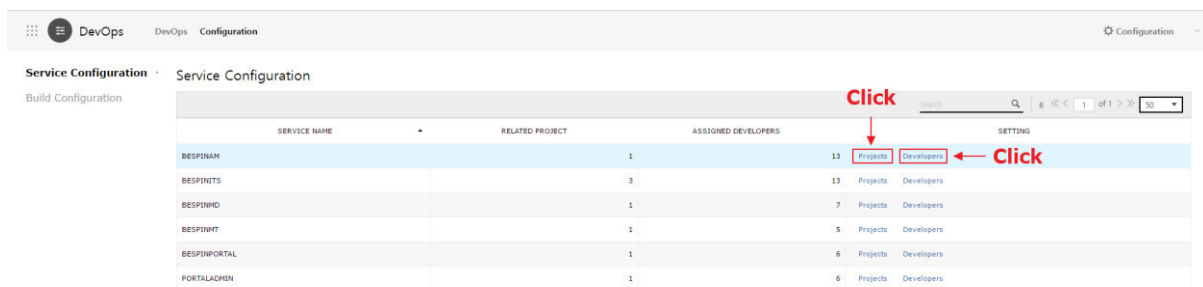
## Managing Development and Release Issue

Following is how to manage the release process for each service with DevOps service.

### 1. Presetting

A. Set the main project and person in charge for process & release for the service.

i. The service group registered in Portal Service will be shown.



SERVICE NAME	RELATED PROJECT	ASSIGNED DEVELOPERS	SETTING
BESPINAM	1	13 Projects Developers	
BESPINITS	3	13 Projects Developers	
BESPINMD	1	7 Projects Developers	
BESPINMT	1	5 Projects Developers	
BESPINPORTAL	1	6 Projects Developers	
PORTALADMIN	1	6 Projects Developers	

ii. You can link the project that manages the service group and set the workflow.

The workflow can be composed in three steps for each development phase (development, verification, operation): Approval, Deploy, and Report.

### 1. Project mapping

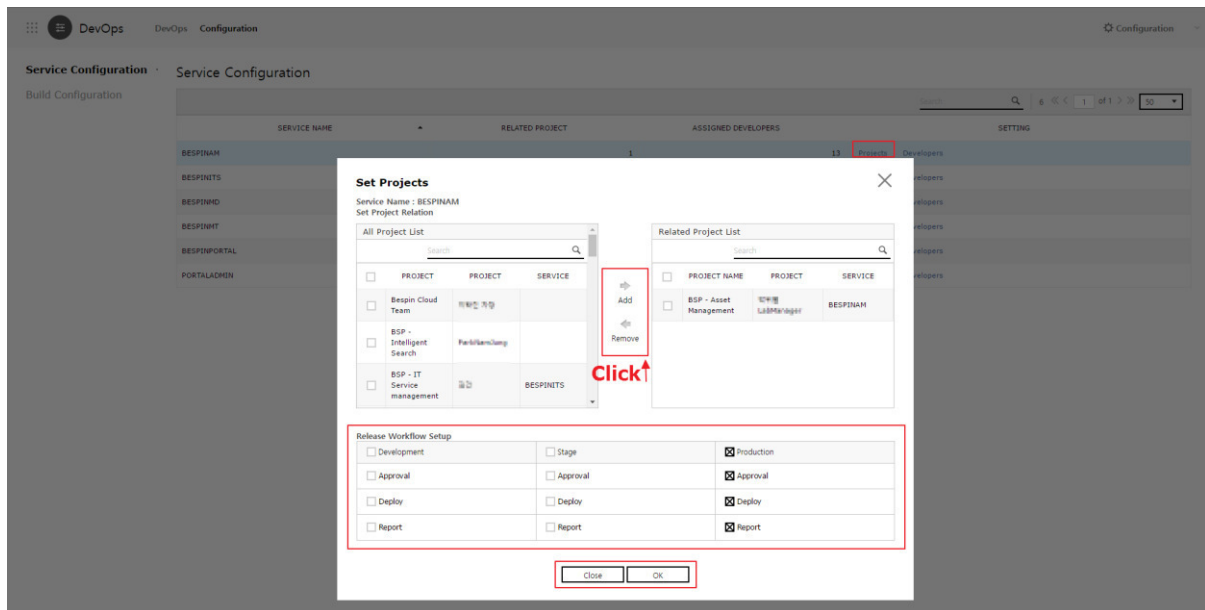
A. Source Repository will be automatically created with a service group code when mapping.

### 2. Workflow setting

A. Approval: Link Approval Service to link the approval process before deploy.

B. Deploy: Composed Build & Deploy procedures can be included.

C. Report: Deploy report can be simply recorded.



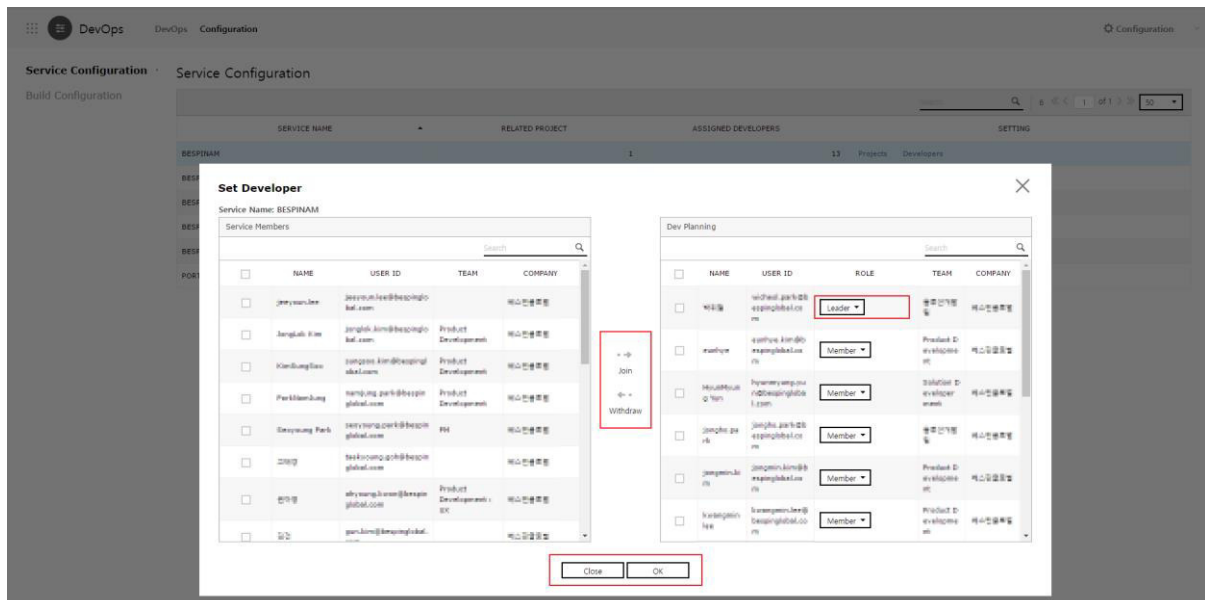
iii. You can set the role of DevOps as a member of the previously linked project.

### 1. Role

A. Leader: Has all rights to Build & Deploy procedures.

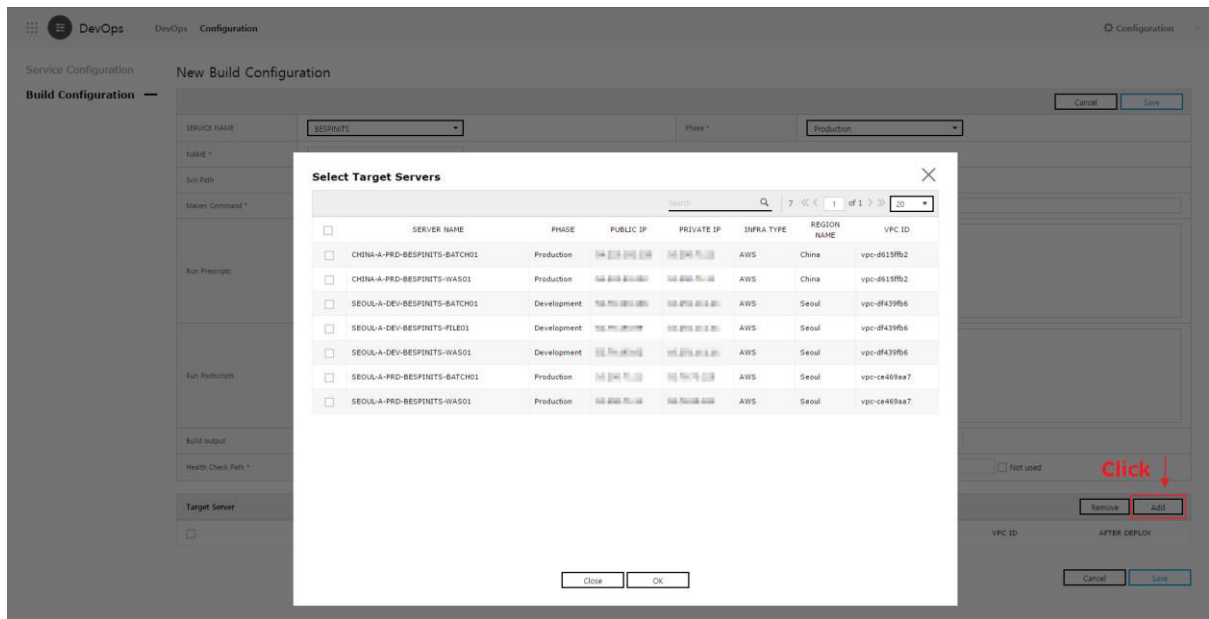
B. Member: Has limited rights in regards to configuration menu usage and deploy that requires approval.

2. Once a role is granted, the permissions to Read/Write Repository & CI services are granted to the relevant ID, and an initial password is sent via e-mail.

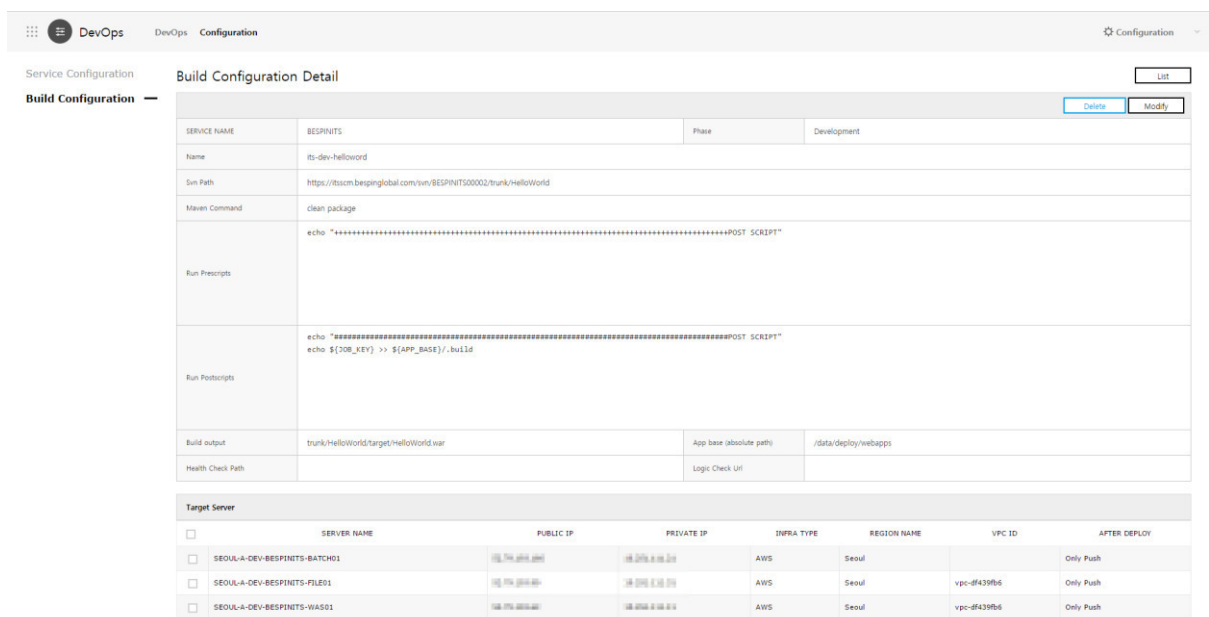


B. Add Build configuration.



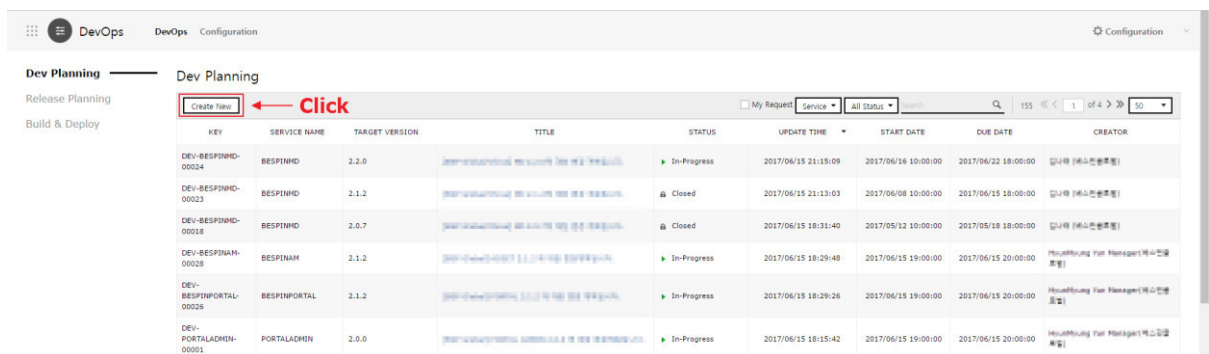


C. Check the build configuration.



## 2. Development Planning

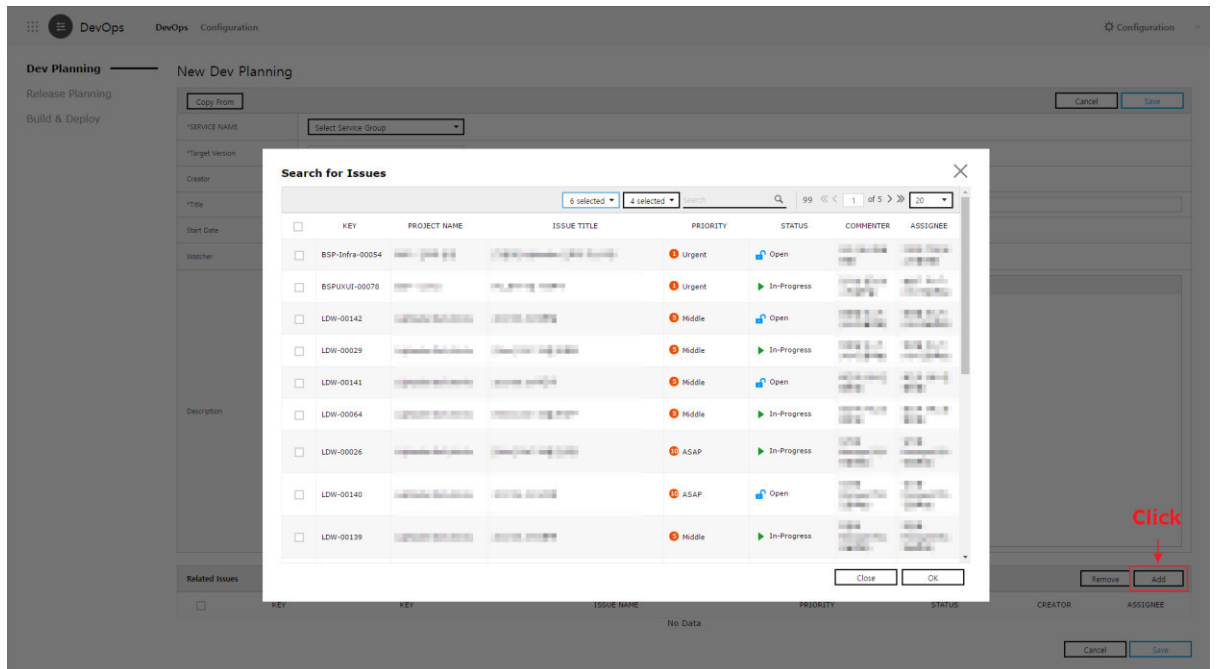
A. Go to the Dev Planning pane by clicking the "Create New" button.



- B. Fill out the form for Dev Planning.
  - i. Select the target service of Dev planning.
  - ii. Enter the release Target Version.
  - iii. Enter the development period, title, description, and watcher.

The screenshot shows the 'New Dev Planning' form in the DevOps interface. The form has a sidebar on the left with 'Dev Planning' selected. The main form area contains several input fields: 'SERVICE NAME' (a dropdown menu), 'Target Version', 'Creator', 'Title', 'Start Date', 'Due Date', 'Watcher', and 'Description'. A red box highlights the 'Search' button next to the 'Watcher' field, with a red arrow and the text 'Click' pointing to it. Below the form is a section for 'Related Issues' with a table that has columns for KEY, ISSUE NAME, PRIORITY, STATUS, CREATOR, and ASSIGNEE. The table is currently empty, showing 'No Data'. At the bottom right of the form are 'Cancel' and 'Save' buttons.

- C. Link the development issues synced and managed with the project service.
  - i. When committing to Source Repository, enter the issue key number of the project service on the first line on Commit Comment and its description after the second line. Then its content will be automatically registered as a comment to Issue, and you can trace the relevant content conversely.
  - ii. Register issues with Commit Log as issues related to Dev planning to check the changed source list on the bottom of the release planning.



### 3. Release planning

For established and verified development plans, you can write release planning with “Transfer to Release” button.

KEY	PROJECT NAME	ISSUE TITLE	PRIORITY	STATUS	COMMENTER	ASSIGNEE
BSP-Infra-00054	Infra-00054	Infra-00054 (BSP Global/China)	Urgent	Open		
BSPINFUT-00078	BSPINFUT-00078	BSPINFUT-00078 (BSP Global/China)	Urgent	In-Progress		
LDW-00142	LDW-00142	LDW-00142 (BSP Global/China)	Middle	Open		
LDW-00029	LDW-00029	LDW-00029 (BSP Global/China)	Middle	In-Progress		
LDW-00141	LDW-00141	LDW-00141 (BSP Global/China)	Middle	Open		
LDW-00064	LDW-00064	LDW-00064 (BSP Global/China)	Middle	In-Progress		
LDW-00026	LDW-00026	LDW-00026 (BSP Global/China)	ASAP	In-Progress		
LDW-00140	LDW-00140	LDW-00140 (BSP Global/China)	ASAP	Open		
LDW-00139	LDW-00139	LDW-00139 (BSP Global/China)	Middle	In-Progress		

KEY	PROJECT NAME	ISSUE NAME	PRIORITY	STATUS	CREATOR	ASSIGNEE
BSPITS-00311	BSP - IT Service management	공통기능 서비스 Address 변경 방안 확인 및 수정	Middle	Resolved	정민우 (백스핀글로벌)	정민우 (백스핀글로벌)
BSPITS-00319	BSP - IT Service management	공통기능 서비스 주소 변경 후 관련 Related Status / Sub Issue 등도 최종 확인	Middle	Resolved	정민우 (백스핀글로벌)	정민우 (백스핀글로벌)

#### A. Write release planning.

- Enter the release planning title, release period, and watcher.
- For release description, please follow the job description form of the company.

DevOps Configuration

Dev Planning

Release Planning

Build & Deploy

### New Release

Cancel Save

SERVICE NAME: BESPINITS

\*Title: [ESP Global/China] 2.1.2에 대한 변경 계획입니다.

Start Date: 2017-06-13 9:00:00 Due Date: 2017-06-22 18:00:00

Watcher: Select Watcher Search

Description:
 

[ESP Global/China] 2.1.2에 대한 변경 계획을 등록합니다.

종료 -종료된 항목 등록합니다.

현재 상태는 [In-Progress]입니다.

Cancel Save

B. Check the release list.

DevOps Configuration

Dev Planning

Release Planning

Build & Deploy

### Release Planning

Service 2 selected Search 151 1 of 4 30

KEY	SERVICE NAME	TARGET VERSION	TITLE	STATUS	START DATE	DUE DATE	CREATOR
REL-BESPINMD-00022	BESPINMD	2.1.2	[ESP Global/China] 2.1.2에 대한 변경 계획을 등록합니다.	Closed	2017/06/15 20:00:00	2017/06/15 21:00:00	김민재 [테스트관리팀]
REL-BESPINAM-00028	BESPINAM	2.1.2	[ESP Global/China] 45527 2.1.2에 대한 변경 계획을 등록합니다.	Closed	2017/06/15 19:00:00	2017/06/15 20:00:00	김민재 [테스트관리팀]
REL-BESPINAM-00029	BESPINAM	2.1.2	[ESP Global] 45527 2.1.2에 대한 변경 계획을 등록합니다.	In-Progress	2017/06/15 19:00:00	2017/06/15 20:00:00	김민재 [테스트관리팀]
REL-BESPINPORTAL-00025	BESPINPORTAL	2.1.2	[ESP Global] 45524 2.1.2에 대한 변경 계획을 등록합니다.	In-Progress	2017/06/15 19:00:00	2017/06/15 20:00:00	김민재 [테스트관리팀]
REL-PORTALADMEN-00001	PORTALADMEN	2.0.0	[ESP Global] 45524 2.0.0에 대한 변경 계획을 등록합니다.	In-Progress	2017/06/15 19:00:00	2017/06/15 20:00:00	김민재 [테스트관리팀]
REL-BESPINHT-00040	BESPINHT	2.2.3	HT 2.2.3 변경 계획서(2017/06/14)	Closed	2017/06/08 00:00:00	2017/06/14 20:00:00	김민재 [테스트관리팀]

#### 4. Processing Release

A. Check the details of release.

- Here, the list of related issues linked to Dev planning is shown. You can check the changed source list according to the commit log registered on the relevant issues.

B. Proceed with the process for each development phase, according to the workflow preset on Configuration.





## Report List

[Work-00246] [BSP Global/China] 2.1.3. 컬러트랙 대량 승인을 요청드립니다.

### Postponed List

### Pending List

Notified List

Approved List

APPROVAL DETAILS																																																																																																				
Type	Work																																																																																																			
Service	BESPRINTS																																																																																																			
Title	[BSP Global/China] [공급망 관리] [제품 개발] [개발팀] [개발팀]																																																																																																			
Approver	<table border="1"> <thead> <tr> <th>TYPE</th><th>ORDER</th><th>STATUS</th><th>NAME</th><th>USER ID</th><th>APPROVAL TIME</th></tr> </thead> <tbody> <tr> <td>Draft(1)</td><td>1</td><td>Approved</td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>wjyang.kim@bespinglobal.com</td><td>2017/06/12 19:01:36</td></tr> <tr> <td>Approval(2)</td><td>2</td><td>Approved</td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>gum.him@bespinglobal.com</td><td>2017/06/12 20:25:49</td></tr> <tr> <td colspan="6">           Comment            [BSP Release] [공급망 관리] [제품 개발] [개발팀] [개발팀]         </td></tr> <tr> <td>Notification(3)</td><td>3</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>mossangheon@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(4)</td><td>4</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>narae.kim@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(6)</td><td>6</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>yhsungho.noh@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(7)</td><td>7</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>minsang.park@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(8)</td><td>8</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>gsanbo.shin@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(9)</td><td>9</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>jinsoo.yuk@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(10)</td><td>10</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>minsoo.jeong@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(11)</td><td>11</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>jangyeok.choi@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(12)</td><td>12</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>sungsoo.kim@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(13)</td><td>13</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>jangsik.kim@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(14)</td><td>14</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>wichael.park@bespinglobal.com</td><td></td></tr> <tr> <td>Notification(15)</td><td>15</td><td></td><td>[BSP Manager] [제품 개발팀] - Product Development</td><td>namsang.ceri@bespinglobal.com</td><td></td></tr> </tbody> </table> <p>The message has been sent to common Recipient(s).</p>				TYPE	ORDER	STATUS	NAME	USER ID	APPROVAL TIME	Draft(1)	1	Approved	[BSP Manager] [제품 개발팀] - Product Development	wjyang.kim@bespinglobal.com	2017/06/12 19:01:36	Approval(2)	2	Approved	[BSP Manager] [제품 개발팀] - Product Development	gum.him@bespinglobal.com	2017/06/12 20:25:49	Comment [BSP Release] [공급망 관리] [제품 개발] [개발팀] [개발팀]						Notification(3)	3		[BSP Manager] [제품 개발팀] - Product Development	mossangheon@bespinglobal.com		Notification(4)	4		[BSP Manager] [제품 개발팀] - Product Development	narae.kim@bespinglobal.com		Notification(6)	6		[BSP Manager] [제품 개발팀] - Product Development	yhsungho.noh@bespinglobal.com		Notification(7)	7		[BSP Manager] [제품 개발팀] - Product Development	minsang.park@bespinglobal.com		Notification(8)	8		[BSP Manager] [제품 개발팀] - Product Development	gsanbo.shin@bespinglobal.com		Notification(9)	9		[BSP Manager] [제품 개발팀] - Product Development	jinsoo.yuk@bespinglobal.com		Notification(10)	10		[BSP Manager] [제품 개발팀] - Product Development	minsoo.jeong@bespinglobal.com		Notification(11)	11		[BSP Manager] [제품 개발팀] - Product Development	jangyeok.choi@bespinglobal.com		Notification(12)	12		[BSP Manager] [제품 개발팀] - Product Development	sungsoo.kim@bespinglobal.com		Notification(13)	13		[BSP Manager] [제품 개발팀] - Product Development	jangsik.kim@bespinglobal.com		Notification(14)	14		[BSP Manager] [제품 개발팀] - Product Development	wichael.park@bespinglobal.com		Notification(15)	15		[BSP Manager] [제품 개발팀] - Product Development	namsang.ceri@bespinglobal.com	
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Plan Date	2017-06-12 21:00:00 ~ 2017-06-12 21:45:00 ⓘ																																																																																																			
Execution Date	2017-06-12 21:00:07 ~ 2017-06-12 21:44:02																																																																																																			
Work Type	Release ([BSP Global/China]) [공급망 관리] [제품 개발] [개발팀] [개발팀]																																																																																																			
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Related Services																																																																																																				
Description	<p>[BSP Global/China] [공급망 관리] [제품 개발] [개발팀] [개발팀]</p> <p>[BSP Release] [공급망 관리] [제품 개발] [개발팀] [개발팀]</p> <p>[BSP Release] [공급망 관리] [제품 개발] [개발팀] [개발팀]</p>																																																																																																			
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Notification History	<table border="1"> <thead> <tr> <th>TIME</th><th>TYPE</th><th>SENDER</th><th>EMAIL / SMS</th></tr> </thead> <tbody> <tr> <td>2017/06/12 21:44:02</td><td>Work notification - Completed</td><td>itsys admin sysadmin()</td><td>☐</td></tr> <tr> <td>2017/06/12 21:00:07</td><td>Work notification - Started</td><td>itsys admin sysadmin()</td><td>☐</td></tr> <tr> <td>2017/06/12 20:34:50</td><td>Work notification - Scheduled</td><td>itsys admin sysadmin()</td><td>☐</td></tr> </tbody> </table>				TIME	TYPE	SENDER	EMAIL / SMS	2017/06/12 21:44:02	Work notification - Completed	itsys admin sysadmin()	☐	2017/06/12 21:00:07	Work notification - Started	itsys admin sysadmin()	☐	2017/06/12 20:34:50	Work notification - Scheduled	itsys admin sysadmin()	☐																																																																																
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- D. Once approved, the status will change to "Approved". Click the button to go to the approval details pane.
- E. Deploy button is activated; click it to go to deploy execution pane.

[illegible]

ACTIVITY HISTORY			
ACTION	ACTION		DATE
수정됨 (수정된 버전이 사용 가능함)	Closed		2017/06/12 21:46:14
<b>Description</b>			
Report : ETL Programs - Closed 수정됨 (수정된 버전이 사용 가능함)			
수정됨 (수정된 버전이 사용 가능함)	Registered Report on Prod		2017/06/12 21:45:54
수정됨 (수정된 버전이 사용 가능함)	Build & Deploy on Prod		2017/06/12 21:47:56
수정됨 (수정된 버전이 사용 가능함)	Build & Deploy on Prod		2017/06/12 20:59:36
수정됨 (수정된 버전이 사용 가능함)	Build & Deploy on Prod		2017/06/12 20:59:31
수정됨 (수정된 버전이 사용 가능함)	Build & Deploy on Prod		2017/06/12 20:59:26
수정됨 (수정된 버전이 사용 가능함)	Build & Deploy on Prod		2017/06/12 20:59:19
승인됨 (승인된 버전이 사용 가능함)	Approved		2017/06/12 20:25:49
<b>Description</b>			
Approval Status Title : [Status] [Created] [Updated] [Deleted] [Moved]   ID : 승인자명   이름   담당 부서   담당 직원 Expires on : 2017-1-1-1   Approver : 김도원,김민준			
승인됨 (승인된 버전이 사용 가능함)	Submitted for approval on Prod		2017/06/12 19:01:38
수정됨 (수정된 버전이 사용 가능함)	Created		2017/06/12 14:48:57

SOURCE				
REVISION	KEY	SOURCE	DATE	REQUEST
1836	BSPTS-00307	trunk/ITS-its-core/main/resources/com/its/its-core/app/projects/dao/impl/ItsAppPagesImpl	2017/06/08 20:59:28	GET /api/projects/dao/impl/ItsAppPagesImpl
1837	BSPTS-00307	trunk/ITS-its-core/main/resources/com/its/its-core/app/projects/dao/impl/ItsAppPagesImpl	2017/06/08 10:37:00	GET /api/projects/dao/impl/ItsAppPagesImpl
1839	BSPTS-00312	trunk/ITS-its-core/main/java/com/its/its-core/platform/service/PortalServiceImpl.java	2017/06/09 15:20:38	GET /api/projects/dao/impl/ItsAppPagesImpl
1838	BSPTS-00312	trunk/ITS-its-core/main/java/com/its/its-core/platform/vo/BasicCustomize.java	2017/06/09 13:39:38	GET /api/projects/dao/impl/ItsAppPagesImpl
1839	BSPTS-00312	trunk/ITS-its-core/main/java/com/its/its-core/platform/vo/Customize.java	2017/06/09 13:39:38	GET /api/projects/dao/impl/ItsAppPagesImpl

## 5. Executing Build & Deploy

### A. Select build configuration and Deploy Type, and proceed with deploy.

Click “Create New” to create Branch at Source Repository and deploy the relevant Branch.

The screenshot shows the DevOps Execution page. The 'Build Configuration' is set to 'PUSH-to-chprod-all (2 Servers)' and the 'Deploy Type' is 'Sequence'. A 'Create New Branch' dialog box is open, allowing the user to create a new branch. The dialog box has fields for 'Branch Name' (pre-filled with 'PR-1.0.0-RC1'), 'Revision No' (pre-filled with '1003'), and 'Comment'. There are 'Close' and 'OK' buttons at the bottom of the dialog box.

SERVER NAME	PUBLIC IP	PRIVATE IP	INFRA TYPE	REGION NAME	AFTER DEPLOY	LAST RELEASED DATE
CHINA-A-PRD-BESPRINTS-BATCH01					Only Push	2017/06/12 21:25:32
CHINA-A-PRD-BESPRINTS-WAS01					Only Push	2017/06/12 21:26:20

BUILD NAME	REPOSITORY PATH	STATUS	REVISION	INFRA TYPE	SEQUENCE	EXECUTOR	EXECUTION DATE
PUSH-to-chprod-all	trunk/ITS	Success	Success (2/2)	NA	#33		2017/06/12 21:07:56
PUSH-to-prod-openapi	trunk/ITS	Success	Success (1/1)	NA	#32	김지훈 Manager(백승준)	2017/06/12 20:59:35
PUSH-to-prod-batch	trunk/ITS	Success	Success (1/1)	NA	#35	김지훈 Manager(백승준)	2017/06/12 20:59:31
PUSH-to-prod-apps	trunk/ITS	Success	Success (1/1)	NA	#41	김지훈 Manager(백승준)	2017/06/12 20:59:26
PUSH-to-chprod-all	trunk/ITS	Pending	Wait (2/2)	NA		김지훈 Manager(백승준)	2017/06/12 20:59:19

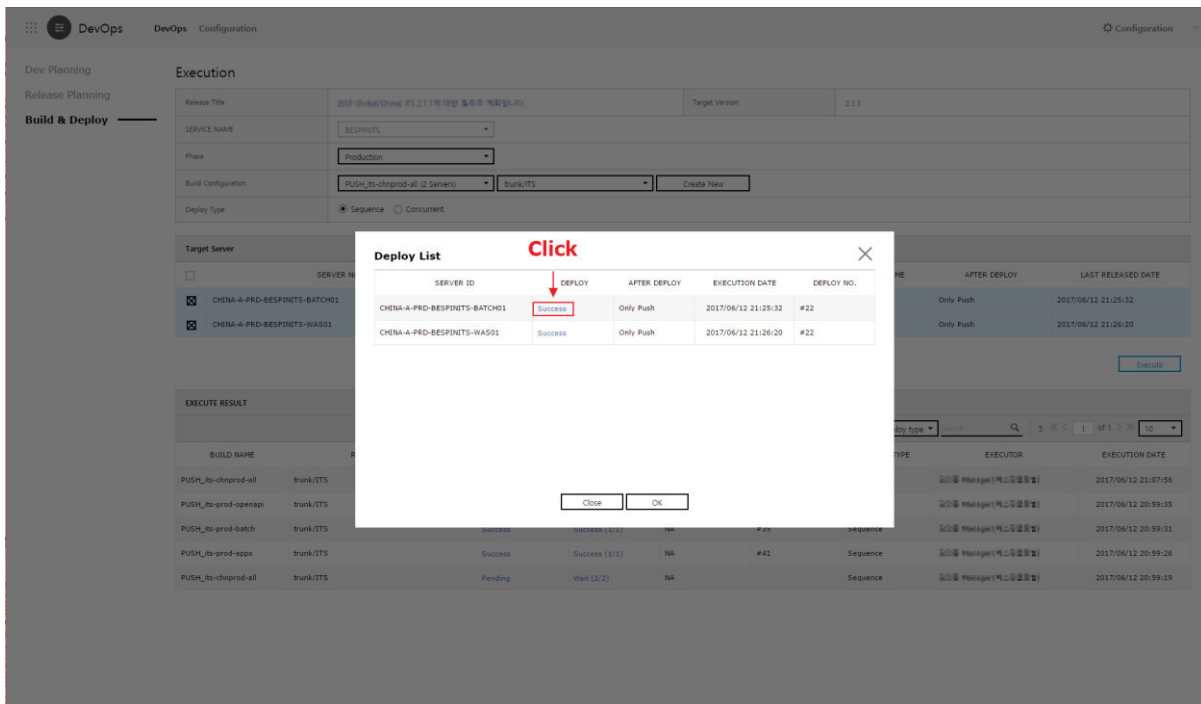
### B. You can check the build log in Execute Result.

The screenshot shows the DevOps Execution page. The 'Build Configuration' is set to 'PUSH-to-chprod-all (2 Servers)' and the 'Deploy Type' is 'Sequence'. A 'Show Log' dialog box is open, displaying the build log for the 'PUSH-to-chprod-all' build. The log shows the build process, including the checkout of the source code, the execution of the build script, and the successful completion of the build.

SERVER NAME	PUBLIC IP	PRIVATE IP	INFRA TYPE	REGION NAME	AFTER DEPLOY	LAST RELEASED DATE
CHINA-A-PRD-BESPRINTS-BATCH01					Only Push	2017/06/12 21:25:32
CHINA-A-PRD-BESPRINTS-WAS01					Only Push	2017/06/12 21:26:20

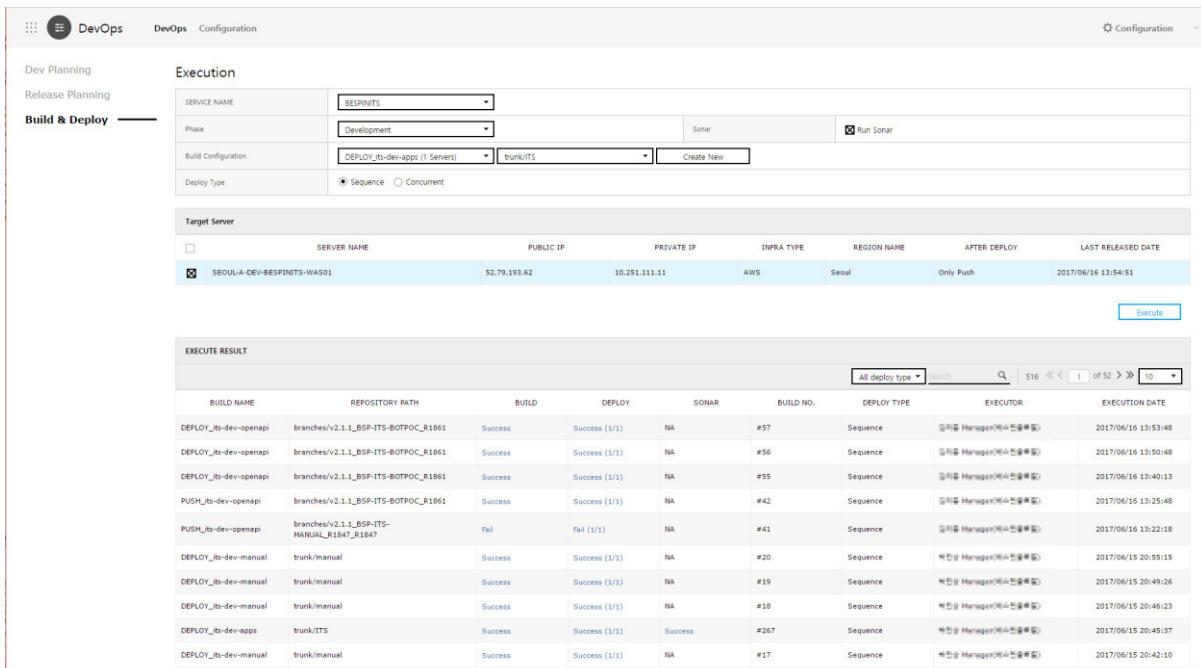
BUILD NAME	REPOSITORY PATH	STATUS	REVISION	INFRA TYPE	SEQUENCE	EXECUTOR	EXECUTION DATE
PUSH-to-chprod-all	trunk/ITS	Success	Success (2/2)	NA	#33		2017/06/12 21:07:56
PUSH-to-prod-openapi	trunk/ITS	Success	Success (1/1)	NA	#32	김지훈 Manager(백승준)	2017/06/12 20:59:35
PUSH-to-prod-batch	trunk/ITS	Success	Success (1/1)	NA	#35	김지훈 Manager(백승준)	2017/06/12 20:59:31
PUSH-to-prod-apps	trunk/ITS	Success	Success (1/1)	NA	#41	김지훈 Manager(백승준)	2017/06/12 20:59:26
PUSH-to-chprod-all	trunk/ITS	Pending	Wait (2/2)	NA		김지훈 Manager(백승준)	2017/06/12 20:59:19

### C. You can check the deploy log in Execute Result.



#### D. Executing Deploy

- Enter the service & development phase, build configuration, deploy source, sonar analysis, etc.
- You can analyze Sonarqube source with Run Sonar. Extra time to analyze and to execute may be required according to the Source amount.
- You can deploy concurrently or sequentially to the target server by setting the deploy type.



- You can check the Deploy history.

<div> <div>DevOps</div> <div>DevOps Configuration</div> <div>Configuration</div> </div>							
<div> <div>Dev Planning</div> <div>Release Planning</div> <div>Build &amp; Deploy</div> </div>							
<div> <div>Build &amp; Deploy</div> <div> <div>Execution</div> <div>Service</div> <div>Search</div> <div>57</div> <div>1 of 2</div> <div>50</div> </div> </div>							
KEY	SERVICE NAME	TITLE	TARGET VERSION	RECENT BUILD	RECENT DEPLOY	LAST EXECUTION DATE	
BND-BESPINMD-00001	BESPINMD	BESPINMD Execution	NA	Success	Success (1/1)	2017/06/16 16:22:20	
BND-BESPINITS-00001	BESPINITS	BESPINITS Execution	NA	Success	Success (1/1)	2017/06/16 13:53:48	
BND-BESPINMD-00384	BESPINMD	International resource for Q&A & QA	2.1.2	Success	Success (1/1)	2017/06/15 20:00:28	
BND-BESPINITS-00679	BESPINITS	International resource for Q&A & QA	2.1.1	Success	Success (2/2)	2017/06/12 21:07:56	
BND-BESPINITS-00644	BESPINITS	International resource for Q&A & QA	2.1.0	Pending	Wait (2/2)	2017/06/08 04:43:39	
BND-BESPINMD-00361	BESPINMD	International resource for Q&A & QA	2.1.1	Success	Success (1/1)	2017/06/08 02:25:41	
BND-BESPINMD-00351	BESPINMD	International resource for Q&A & QA	2.1.0.1	Success	Success (1/1)	2017/06/05 19:52:27	
BND-BESPINITS-00637	BESPINITS	International resource for Q&A & QA	2.0.9	Success	Success (1/1)	2017/06/03 00:15:13	
BND-BESPINMD-00330	BESPINMD	International resource for Q&A & QA	2.1.0	Success	Success (1/1)	2017/06/01 19:03:47	
BND-BESPINITS-00625	BESPINITS	International resource for Q&A & QA	2.0.8	Success	Success (1/1)	2017/05/31 16:02:12	
BND-BESPINITS-00609	BESPINITS	International resource for Q&A & QA	2.0.7	Success	Success (1/1)	2017/05/25 20:57:22	
BND-BESPINMD-00313	BESPINMD	International resource for Q&A & QA	2.0.8	Pending	Wait (4/4)	2017/05/25 20:14:28	
BND-BESPINMD-00307	BESPINMD	International resource for Q&A & QA	2.0.7	Success	Success (1/1)	2017/05/19 18:00:25	
BND-BESPINITS-00589	BESPINITS	International resource for Q&A & QA	2.0.6	Success	Success (1/1)	2017/05/18 17:24:53	
BND-BESPINMD-00290	BESPINMD	International resource for Q&A & QA	2.0.6	Success	Success (1/1)	2017/05/11 19:00:38	
BND-BESPINITS-00576	BESPINITS	International resource for Q&A & QA	2.0.5.1	Success	Success (1/1)	2017/05/08 16:55:39	
BND-BESPINITS-00568	BESPINITS	International resource for Q&A & QA	2.0.5	Success	Success (1/1)	2017/04/27 17:39:20	

## 7. Reporting after deploy

### A. Writing Report

- Once the deploy is complete, click "Report" button on the Release Plan Details to record the results.
- Record the success or failure of release / Rollback / discontinue service / duration of discontinued service / verification statement/ Rollback statement/ etc.

DevOps

DevOps Configuration

Configuration

Dev Planning

Release Planning

Build & Deploy

[REL-BESPINITS-00035] [BSP Global/China] ITS 2.1.1.1

Click

Service Name

BESPINITS

Target Version

2.1.1

Release Workflow

Development

Stage

Production

Deploy

Deploy

QA

Approved

Deploy

Report

Creator

Start Date

Matcher

Description

Report

Release Result

Success

Failure

Rollback

Rollback

Discontinue Service

Discontinue Service from

2017-06-20

14

58

Discontinue Service to

2017-06-20

14

58

Verification Statement

Rollback Statement

Close

OK

RELATED ISSUES (1)

[DEV-BESPINITS-00035 - Click here for Edit]

NO

KEY

PROJECT NAME

ISSUE NAME

PRIORITY

STATUS

CREATOR

ASSIGNEE

1

BSPITS-00323

BSP - IT Service management

Low

Closed

COMMENT

Save

### B. Closing release planning

- i. Once the report is complete, complete the release by clicking “Close” button and go to Dev planning.

### C. Closing Dev planning

- i. Check if all the related issues are reflected and handled properly, and close the Dev planning with the “Close” button in Dev planning pane.
- ii. Closing the Dev planning will change the status of all the related issues that are linked as “Closed”.

8. Operation scenario of integration of other services

- A. If you link the services below, you can work more organically and efficiently in all the procedures from request gathering, development and testing, and to service release via DevOps.
  - i. SR / Project: Request gathering
  - ii. Monitoring / Alarm: Monitoring of system performance
  - iii. DBQCS: Database quality management
  - iv. Approval: Approval process for each development phase

9. DevOps Constraints

- A. OS has been completely verified only in Ubuntu (Recommend Version 12/14)
- B. Only available in the service environments below
  - i. Java(Recommend Version 1.7/1.8)
  - ii. Apache Tomcat (Recommend Version 7, 8) composition
  - iii. SSH access account must be created to deploy in ITS
- C. By executing deploy server initializing script, the server can be automatically composed in the following order:
  - i. JDK installation : Java Application(Recommend Version 1.8)
  - ii. SSH access account configuration
  - iii. Apache Tomcat installation (Recommend Version 8)
- D. Other constraints
  - i. Build Tool only supports Maven, and can be used after setting the Build Command
  - ii. SCM only supports : SVN, GIT, Bitbucket composition (refer to the details below)
    - 1. Repository establishment, role management, build, sonar analysis, and deploy can only be synced with SVN.
    - 2. When Project Mapping to a service, Repository automatically is composed with a service code (SVN Only).
    - 3. When using GIT / Bitbucket, only the current Commit Log and Project Issue can be synced. It operates after setting DevOps API on the relevant server.
  - iii. CI and QA constituents.
    - 1. CI : Jenkins
    - 2. QA : SonarQube