

## Code Deployment Process

The purpose of this document is to walk through the steps to use the App for code deployment purposes.

Before using the APP, understanding the roles and the corresponding access controls is necessary.

- RL\_CONS\_DATAUSER - This role provides the users to request the deployment of code components. Access is provided only to the screen "Request Deploy".
- RL\_CONS\_DATAADMIN - This role allows us to review the code, approve the code request and deploy the code. Access is provided to all screens except "Configuration".
- RL\_CONS\_PLATFORMADMIN - This role gives access to the configuration screen to add new environment and source control. This role has access to all screens.

The consumer must assign the role accordingly to their users' responsibility.

|                       | App Access    |                |                 |             |
|-----------------------|---------------|----------------|-----------------|-------------|
| Persona               | Configuration | Request Deploy | Request Approve | Deploy Logs |
| RL_CONS_PLATFORMADMIN | X             | X              | X               | X           |
| RL_CONS_DATAADMIN     |               | X              | X               | X           |
| RL_CONS_DATAUSER      |               | X              |                 |             |

**Ensure that the Source code repo setting and snowflake mapping is complete before raising the request.**

**Step 1** – To raise a deployment request, navigate to "Submit Deployment Request". Click on the environment and the corresponding folder to be deployed and press submit.

## DAMAN: DevOps Service

[Submit Deployment Request](#) [Deployment Log History](#) [Deployment Change History](#)

### Deploy to Environment

TST

Deploy Folder

```
<< select >>
```

<< select >>

Release1.2

Release1.1

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## DAMAN: DevOps Service <sup>?</sup>

[Submit Deployment Request](#) [Deployment Log History](#) [Deployment Change History](#)

## Deploy to Environment

TST

Deploy Folder

Release1.2

001--V\_\_ENTERPRISE\_TEST-SCHEMA\_DEMO1-Create\_Employee\_Test.sql

002--R\_\_ENTERPRISE\_TEST-SCHEMA\_DEMO1-SP\_Test\_1.sql

Clear Selection

## Request Deployment

Request Successfully Submitted

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**Step 2** – To approve a deployment, navigate to the “Submit Deployment Request”. Select “Approve” on the Review action dropdown. Click on the environment and the corresponding folder to be deployed and press submit. (comments can be entered in the comment text box before approving)

Apps

Daman Database Change Manager

Main\_Page\_Setup

Approver\_Dashboard

Configuration\_ui

Requestor\_Dashboard

Manage

Review Action

Approve

<< select >>

Review Script

Approve

Deny

Deploy

DAMAN: DevOps Service

DAMAN

[Submit Deployment Request](#)[Review and Approve Deployment Request](#)[Deployment Log History](#)[Deployment Cha](#)

Deploy to Environment

<< select >>

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Review Action

Approve

Approve

TST/Release1.2 - Requested By - DAMAN\_DATABAS...

File Content Review

<< select >>

Enter the reason/comment (Max 75 Characters), (Min 10):

Approved by RK

15/75

Cancel

Approve

## DAMAN: DevOps Service

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[Submit Deployment Request](#) [Review and Approve Deployment Request](#) [Deployment Log History](#) [Deployment Cha](#)

Deploy to Environment

<< select >>

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**Step 3** – To deny the deployment request, navigate to the “Submit Deployment Request”. Select “Deny” on the Review action dropdown. Click on the appropriate request to be denied and press submit.

The screenshot shows the 'Approver\_Dashboard' of the DAMAN: DevOps Service. On the left, a sidebar contains a 'Review Action' dropdown menu with 'Deny' selected, and a 'Deny' dropdown menu with '<< select >>' selected. The main content area displays the service logo, navigation links ('Submit Deployment Request', 'Review and Approve Deployment Request', 'Deployment Log History', 'Deployment Chart'), and a 'Deploy to Environment' dropdown menu with '<< select >>' selected. The footer includes the copyright notice: 'Copyright © 2021. Daman, Inc. All Rights Reserved.'

**Step 4** – To deploy the components related to a deployment request, navigate to the “Submit Deployment request”. Select “Deploy” on the Review action dropdown. Click on the appropriate request to be deployed and press Deploy. (Comments can be entered in the comment text box before deploying) .Once the deployment is complete , validate the components in the database.

The screenshot shows the 'Approver\_Dashboard' of the DAMAN: DevOps Service. On the left, a sidebar contains a 'Review Action' dropdown menu with 'Deploy' selected, a 'Deploy' dropdown menu with 'TST/Release1.2 - Requested By - DAMAN\_DATABAS...' selected, a 'File Content Review' dropdown menu with '<< select >>' selected, and a text box for 'Enter the reason/comment (Max 75 Characters), (Min 10):' containing 'Deployed at 3:00 PM by VG'. At the bottom of the sidebar are 'Cancel' and 'Deploy' buttons. The main content area displays the service logo, navigation links ('Submit Deployment Request', 'Review and Approve Deployment Request', 'Deployment Log History', 'Deployment Chart'), and a 'Deploy to Environment' dropdown menu with '<< select >>' selected. The footer includes the copyright notice: 'Copyright © 2021. Daman, Inc. All Rights Reserved.'

**Step 5** – To review the components related to a deployment request, navigate to the “Submit Deployment Request”. Select “Review Script” on the Review Action dropdown. Click on the appropriate request to be deployed and the file. The contents of the file will be displayed for review.

← Apps

Daman Database Change Manager

Main\_Page\_Setup

Approvers\_Dashboard

Configuration\_ui

Requestor\_Dashboard

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Manage Access

• DEP

Review Action

Review Script

TST/Release1.1 - Requested By - DAMAN\_DATABASE\_CHANGE\_MAN...

File Content Review

TST/Release1.1/002--R\_\_ENTERPRISE\_TEST-SCHEMA\_DEMO1-SP\_T...

1 CREATE OR REPLACE PROCEDURE ENTERPRISE\_TEST .SCHEMA\_DEMO1

2 RETURNS VARCHAR

3 LANGUAGE SQL

4 AS

5 \$\$

6 BEGIN

7 RETURN "Hello! Good Morning";

8 END

9 ;

10 \$\$

11 ;

DAMAN: DevOps Service

Submit Deployment Request

Review and Approve Deployment Request

Deployment Log History

Deployment Char

Deploy to Environment

TST

Deploy Folder

<< select >>

Clear Selection

Request Deployment

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**Step 6** – To view the deployment request status, navigate to the “Review and Approve Deployment Request”. This displays all the open , pending and failed requests.

← Apps

Daman Database Change Manager

Main\_Page\_Setup

Approvers\_Dashboard

Configuration\_ui

Requestor\_Dashboard

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Manage Access

• DEPLOYAPP

Review Action

Review Script

TST/Release1.1 - Requested By - DAMAN\_DATABASE\_CHANGE\_MAN...

File Content Review

TST/Release1.1/002--R\_\_ENTERPRISE\_TEST-SCHEMA\_DEMO1-SP\_T...

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7 RETURN "Hello! Good Morning";

8 END

9 ;

10 \$\$

11 ;

DAMAN: DevOps Service

Submit Deployment Request

Review and Approve Deployment Request

Deployment Log History

Deployment Char

Open Requests

|   | FROM_ENV | TO_ENV | REQUEST_PATH   | DEPLOY_STATUS | REVIEW_STATUS  | REQUESTED_BY        |
|---|----------|--------|----------------|---------------|----------------|---------------------|
| 0 | DEV      | TST    | TST/Release1.1 | YET TO START  | PENDING REVIEW | DAMAN_DATABASE_CHAN |

Pending Deployments

|   | FROM_ENV | TO_ENV | REQUEST_PATH   | DEPLOY_STATUS | REVIEW_STATUS | REQUESTED_BY        |
|---|----------|--------|----------------|---------------|---------------|---------------------|
| 0 | DEV      | TST    | TST/Release1.2 | YET TO START  | APPROVED      | DAMAN_DATABASE_CHAN |

Failed Deployments

empty

Recent Requests (showing last 25)