



# **Pharmacy Information System (PhIS) and Clinic Pharmacy System (CPS)**

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## **Release Note**

## **Business Continuity Process (BCP)**

**For version 1.2.12**

<p><b>Version : 1.0</b> <b>Document ID : PhIS_CPS/ReleaseNote/BCP/22042024</b></p>
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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	22/04/2024	Mohd Hilmi Mohamad	Zainura Said	First Version

### Verified and Acknowledged by:

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### Peer Review

Version No	Reviewed / Verified by	List Of Changes from Previous Version
1.0	Juridah (QA)	Initial document



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## 1 Introduction

### 1.1 Project Information

Project ID	:	PhIS and CPS
Project Name	:	Pharmacy Information System and Clinic Pharmacy System
Version No	:	1.2.12
Client Name	:	Ministry of Health
Release ID	:	RL24/010
Release Date	:	22/04/2024

### 1.2 Objectives

No.	Objective	Reference
1.	Release PhIS BCP Application	Refer Section 3 – Refinement and Defect list



## 2 Purpose

The purpose of the document is to update the end-user of the changes and defects have been resolved to be included in the new version of application and will be deployed to production server.

This document outlines the list of request and issue to be delivered in the newer version of application and also the guidelines on how to deploy the new version of application in production.



## 3 Summary – Refinement and Defect List

### 3.1 Refinement List

N/A



### 3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS BCP version 1.2.12.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Corrective Action	Permanent Solution	Resolved Date
1.	I-PhIS084171 822APP	Klinik Kesihatan Kepala Batas (A)	Business Continuity Plan (BCP)	04/11/2022	BCP - Unable to post data as error contact admin popup	Pn Balqis reported unable to post data and end bcp. appear error: an error occurs, please contact admin after clicking the button.  PAT: CPS/PPN-03/KKS-03/PCD-004	Previously system was not correctly handling query to check drug status value during BCP posting job.	N/A	Update code to have proper checking on drug status value during posting.	07/12/2022
2.	I-PhIS105675 823APP	Hospital Dutchess of Kent (A)	Business Continuity Plan (BCP)	30/10/2023	Clinical Summary - Unable to open as popup error contact admin - BCP prescription	Ms Chang reported last Friday they have BCP drill activity and after done post data, she realizes the profile was affected. User unable to open clinical summary, unable to view patient profile. Thus, she unable to print prescription as well. She claims only able to view at record retrieval. List of patients are as follows:  MRN: HDOK00007924 HDOK00002738 HDOK00193189 HDOK00043879	Error happens due to there were some old transactions that it's dispense UOM value is exist in workstation but not exist at server.	Execute the script to update dispense UOM for the reported patient.	Script preparation to update dispense UOM for the affected record.	18/01/2024



## 4 Refinement List – Detail Changes

N/A

## 5 Deployment - Procedures

### 5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility server BCP script	PatchScripts_PhIS_BCP_v1212.txt	https://10.1.1.57:5522/svn/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/server/scripts
2	Facility server BCP service war file	BCPService_021222_5PM.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/server/war
3	Facility server BCP process jar file	BCPProcess_server_13122023.jar	https://10.1.1.57:5522/svn/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/server/jar
4	BCP workstation script	PatchScripts_BCP_wrokstation_V1212.txt	https://10.1.1.57:5522/svn/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/workstation/scripts
5	BCP workstation jar file	BCP_08112023_06PM.jar	https://10.1.1.57:5522/svn/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/workstation/jar
6	BCP workstation batch file	BCP.bat	https://10.1.1.57:5522/svn/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/workstation/batch files

### 5.2 Backup Procedure before Deploy

#### 5.2.1 Backup Procedure

Using backup tool, backup the following files and folder and database as per table below:

No.	Type	Backup Item	Description
1	Database	PostgreSQL database	Database backup with time

### 5.3 Deployment/Installation Guidelines

#### 5.3.1 Deployment at Facility Server

Below table is described the deployment steps at Facility server:

Step	Items	File Name	Source Path	Action
1	Facility server BCP script	PatchScripts_PhIS_BCP_v1212.txt	https://10.1.1.57:5522/svn/Workspace_Dataaware/31_Implementation/Applications/BCP/BCP ReleaseV1.2.12/server/scripts	Please ensure all the script is execute before bcpservice.war deploy.



Step	Items	File Name	Source Path	Action
2	Facility server BCP service war file	BCPService_021222_5PM.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/BCP/BCPReleaseV1.2.12/server/war	Rename the war file to BCPService.war and deploy war file to Glassfish Application server. Make sure context root name should be BCPService  Note: To get the DB connection details using existing phisscheduler.properties file.
3	Facility server BCP process jar file	BCPPProcess_server_13122023.jar	https://10.1.1.57:5522/svn/Workspace_Dataware/31_Implementation/Applications/BCP/BCPReleaseV1.2.12/server/jar	Rename BCPPProcess_server_13122023.jar to BCPPProcess.jar and move the file to /home/phisesb/phisjars  Note: Need to restart cronjob

### 5.3.2 Deployment at BCP Workstation

Below table is described the deployment steps at BCP workstation:

Step	Items	File Name	Source Path	Action
1	BCP workstation script	PatchScripts_BCP_workstation_V1212.txt	https://10.1.1.57:5522/svn/Workspace_Dataware/31_Implementation/Applications/BCP/BCPReleaseV1.2.12/workstation/scripts	Execute the scripts available in that file as pgScript (Press F6)
2	BCP workstation jar file	BCP_08112023_06PM.jar	https://10.1.1.57:5522/svn/Workspace_Dataware/31_Implementation/Applications/BCP/BCPReleaseV1.2.12/workstation/jar	Rename BCP_08112023_06PM.jar to BCP.jar and Copy BCP.jar file into C:/Properties folder and give Read/Execute Permission to the files
3	BCP workstation batch file	BCP.bat	https://10.1.1.57:5522/svn/Workspace_Dataware/31_Implementation/Applications/BCP/BCPReleaseV1.2.12/workstation/batch files	Download the BCP.bat file into desktop