



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

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## Release Note

For version 2.6.1.7

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### Revision History

Version No	Date of Release	Prepared by	Reviewed / Verified by	List of changes from Previous Version
1.0	30/11/2022	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	:	2.6.1.7
Client Name	:	Ministry of Health
Release ID	:	RL22/019
Release Date	:	30/11/2022

### 1.2 Objectives

No.	Objective	Reference
1.	Release PHIS & CPS Application to Facility	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 and CPS version 2.6.1.7.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
1.	I-PhIS083591022A PP	Bahagian Perkhidmatan Farmasi (HQ)	General Module	25/10/2022	IWP - Reference Code – Save New Value - Domain Saved in All Capital Letter	Email: User received a request from the module owner to add new data (green) to the Request Category in SAM Module (refer attachment). Problem encountered during add new value in ref code to domain KPK_Request_Category. When adding new Value & Description to domain KPK_Request_Category, the outcome becomes domain KPK_REQUEST_CATEGORY although when selected domain is KPK_Request_Category.	Wrong implementation whereby the newly added reference code domain will always be saved in capital letter. This has caused these newly added reference codes will be saved as new domain value instead of existing domain.	16/11/2022
2.	I-PhIS083524822A PP	Klinik Kesihatan Jalan Masjid (A)	Pharmacy Inventory	24/10/2022	Condemn – Status reverts to Open after approved - Concurrent user	Miss Juliet reported unable to print KEWPS 21 & 22 due to not appear at condemn screen. User informs already approve the transaction, and transaction already appear in item movement but approve button still appear at screen. Listing page condemn appear pending for approval. Click Approve- pop up message Item has been deducted Transaction No: C22000036	Concurrent user validation was not properly handled during approval transaction inside Condemn screen	17/11/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
3.	I-PhIS083419222A PP	Klinik Kesihatan Jalan Masjid (A)	Pharmacy Inventory	21/10/2022	Write-Off – Status reverts to Open after approved - Concurrent user	User reported she has performed write off and transaction has capture in item movement but status still shows as open. User also can't generate kewps. Details as below: WR22000040 Status: Open	Concurrent user validation was not properly handled during approval transaction inside Write Off screen	17/11/2022
4.	I-PhIS084816822A PP	Hospital Miri (A)	Pharmacy Inventory	16/11/2022	Return to supplying facility - Unable to proceed return	Ms Mandy reported unable to proceed return to supplying facility. Error occurs "ERR0428: Could not connect to the server! Please try again later." Return no.: RE22000058	Issue with the implementation of Ping (connection checking) function in system. Facility has connection checking to IWP to validate whether IWP is reachable or not before push data to IWP. But since this function in this facility had been blocked, system unable to send data to IWP	21/11/2022
5.	I-PhIS084847722A PP	Hospital Pulau Pinang (A)	Pharmacy Inventory	16/11/2022	Penalty - Unable to approve penalty	User reported she unable to approve penalty due to error message "could not connect to the server" appear. User claimed she need to click 3 times before can proceed with approval. User informed this issue happened to all penalty as of today. Details as below: example PE1107050009-221102255	Issue with the implementation of Ping (connection checking) function in system. Facility has connection checking to IWP to validate whether IWP is reachable or not before push data to IWP. But since this function in this facility had been blocked,	22/11/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
							system unable to send data to IWP	
6.	I-PhIS084162922A PP	Hospital Tengku Ampuan Afzan (A)	Outpatient Pharmacy	04/11/2022	Drug Label - Appear duplicate due to allocate different item batch	Puan Husna reported Drug label print 2 times for random patient IC: 74020711XXXX Nurhayati Saad RX No: FKP0002061767 (6 drugs) Calcitriol 0.25mcg Capsule Click Direct Print/Preview Print (PDF Review also appear 2 times) Print 2 drug label for this drug and 1 label for another drug. - User realize got 2 different batch for the drug.	Drug label printing was wrongly printed based on the number of batch allocation. Suppose if same drug has been allocated with multiple batches, system should only print once	10/11/2022
7.	I-PhIS081434722S	Klinik Kesihatan Tawau (A)	Clinical Pharmacokinetic Services (CPS) & TDM	28/01/2022	TDM Reporting - Incorrect unit in Calculator for Valproic Acid	User reported TDM calculator shows incorrect. User claimed he inserts Vd as 5.49 L/kg but reporting (Pharmacokinetics) appears as 5.49L. Kindly refer attachment for reference. Details as below: TDM210000021 MRN No: 7934976	Wrong unit was set for Vd in Valproic Acid Calculator. Suppose correct unit for Vd should be in L/kg instead of L	15/04/2022
8.	I-PhIS082515322A PP	Hospital Pakar Sultanah Fatimah (A)	MTAC	05/10/2022	MTAC – System does not remain at the same page to complete DFIT Question list.	Miss Ku Yee Kun reported, Drug listing problem in DFIT page, have problem when user want to edit. Kindly refer video and step user. Example: MRN: 13691 Patient name: Fatimah bt neo	System was unnecessarily refreshing the whole DFIT questionnaire screen once selecting any radio button value.	22/11/2022



No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date
						<p>Steps:</p> <p>MTAC reporting &gt; click patient &gt; go to field reporting &gt; click calculate score (blue color) &gt; in this page DFIT have 2 pages listing drug.</p> <p>User clicks for 2nd page for fill-up &gt; tick at check box &gt; tick Dose &gt; auto go to 1st listing &gt; need to click for 2nd listing &gt; tick Frequency &gt; same issue happens.</p> <p>Should be 1 time to click all field and save.</p>		
9.	I-PhIS084168022A PP	Pejabat Kesihatan Daerah Hulu Langat (B)	Report Enquiry	04/11/2022	IWP - Budget Summary - Record appear all facility	<p>Email from user:</p> <p>Mohon semakan untuk modul Budget Summary di IWP kerana saya nampak data semua PTJ dalam negara. Sepatutnya saya hanya nampak data untuk PTJ saya sahaja iaitu PKD Hulu Langat &amp; KK di bawah PTJ saya.</p>	No restriction on records view based on user's facility	17/11/2022
10.	I-PhIS084152122A PP	Hospital Queen Elizabeth (A)	Report Enquiry	04/11/2022	Purchase Order By Status Report – Data inaccurate when filter as 'All' & 'View By eP Approved Date'	<p>User reported he has generated Purchase Order by Status Report for October, but report include for all date. User claimed phis system does not filter based on user filter. Kindly refer user attachment for reference. Details as below:</p> <p>Created Date: 1/10/2022 - 31/10/2022</p>	Filter function was not based on the correct date value when View By = eP Approved Date	17/11/2022



## 4 Refinement List – Detail Changes

N/A



## 5 Deployment - Procedures

### 5.1 List of Items to be Deployed

No.	Items	Components	Path
1	Facility Script	PatchScripts_PHIS_V2.6.1.7.txt	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/scripts">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/scripts</a>
2	Facility Application	iphis_v2.6.1.7.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war</a>
3	Facility Application	PhISService_v.2.6.1.7.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war</a>
4	Facility Application	PhISSchedulers_v.2.6.1.7.jar	<a href="https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar">https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar</a>
5	Facility Application	phis_Email_v2.6.1.7.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar</a>
6	Facility Application	phis_Cd_V2.6.1.7.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar</a>
7	Facility Application	phis_MyMaat_v2.6.1.7.jar	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar</a>
8	Facility Application	phisIntegration.properties	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar</a>
9	Mobile Application	iphismobile_user_v2.6.1.7.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war</a>
10	Mobile Application	phisAPI_v2.6.1.7.war	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war</a>
11	Mobile Application	lpadhosp-2.6.1.7.0b08.war	<a href="https://10.1.1.57:5522/svn/PhISWorkspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/Mobile">https://10.1.1.57:5522/svn/PhISWorkspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/Mobile</a>
12	HQ Script	PatchScripts2.6.1.7_IWP.txt	<a href="https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/scripts">https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/scripts</a>

No.	Items	Components	Path
13	HQ Application	phishq_v2.6.1.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/war
14	HQ Application	masterRelease_v2.6.1.7.jar	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/jar
15	HQ Application	epservice_V2.6.1.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/war

## 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	Application	/home/phisesb /opt/phisesb /usr/share/fonts/truetype	PhIS Integration Application PhIS Core Application Fonts required by PhIS
2	Database	phisprod database	PhIS Live database

## 5.3 Deployment/Installation Guidelines

### 5.3.1 Deployment at Facility

Below table is described the deployment steps at Facility:

Step	Items	File Name	Source Path	Action
1	Facility Script	PatchScripts_PhIS_V2.6.1.7.txt	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script files highlight and execute.
2	Facility Application	iphis_v2.6.1.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war	Please rename the war file to iphis.war then deploy.
3	Facility Application	PhISService_v.2.6.1.7.war	https://10.1.1.57:5522/svn/PhIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war	Please rename the war file to PhISService.war then deploy.
4	Facility Application	PhISSchedulers_v.2.6.1.7.jar	https://10.1.1.57:5522/svn/PhIS/svn/Workspace_Dataware	Backup jar file from /home/phisesb/phisja



Step	Items	File Name	Source Path	Action
			e/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar	rs/ and copy downloaded jar and rename to PHISSchedulers.jar. Then Restart crontab.
5	Facility Application	phis_Email_v2.6.1.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Email.jar. Then Restart crontab.
6	Facility Application	phis_Cd_V2.6.1.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_Cd.jar. Then Restart crontab.
7	Facility Application	phis_MyMaat_v2.6.1.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to phis_MyMaat.jar. Then Restart crontab.
8	Facility Application	phisIntegration.properties	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/jar	/home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file.
9	Mobile Application	iphismobile_user_v2.6.1.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war	Rename iphismobile_user_v2.6.1.7.war to iphismobile_user.war and deploy.
10	Mobile Application	phisAPI_v2.6.1.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/facility/war	Rename phisAPI_v2.6.1.7.war to phisAPI.war and deploy.
11	Mobile Application	lpadhosp-2.6.1.7.0b08.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/Mobile	Rename ipadhosp-2.6.1.7.0b08.war to ipadhosp.war and deploy. - Mobile Frontend: 2.6.1.7.0r18



Step	Items	File Name	Source Path	Action
				- Mobile Backend: 2.6.1.7.0b08

### 5.3.2 Deployment at HQ - IWP

Below table is described the deployment steps at HQ - IWP:

Step	Items	File Name	Source Path	Action
1	HQ Script	PatchScripts2.6.1.7_IWP.txt	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/scripts	Please ensure all the script is execute before phishq.war deploy. Please ensure the script is executed in sequence.
2	HQ Application	phishq_v2.6.1.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/war	Rename the war file from phishq_v2.6.1.7.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v2.6.1.7.jar	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/jar	Rename the jar file from masterRelease_v2.6.1.7.jar to masterRelease.jar and copy to directory '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice_V2.6.1.7.war	https://10.1.1.57:5522/svn/PHIS/Workspace_Dataware/31_Implementation/Applications/PHIS_ReleaseV2.6.1.7/iwp/war	Rename the war file from epservice_V2.6.1.7.war to epservice.war then deploy.