



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

Release Note

For version 2.2.4.4

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| <p>Version : 1.0 Document ID : PhIS_CPS/ReleaseNote/Refinement/21122020</p> |
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**Revision History**

| Version No | Date of Release | Prepared by | Reviewed / Verified by | List of changes from Previous Version |
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| 1.0 | 21/12/2020 | Zainura | Chew Ming Ping | First Version |
| | | | | |

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| | | | |

Peer Review

| Version No | Reviewed / Verified by | List Of Changes from Previous Version |
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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 | : | 2.2.4.4 |
| Client Name | : | Ministry of Health |
| Release ID | : | RL20/013 |
| Release Date | : | 21/12/2020 |

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 for PhIS & CPS Web Application

NA

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 2.2.4.4.

| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|----------------------|--|---------------|---------------|--|---|--|---------------|
| 1 | I- PhIS069703320S | Hospital Tengku Ampuan Rahimah (A) | Ward Pharmacy | 3/11/2020 | Ward Pharmacy Listing Screen - Slow processing to enter module | Email: Kindly assist this matter that loading time to enter module of ward pharmacy (Cp2) is taking more than 30 seconds. (over the benchmark) Pls assist in this matter. | Ward Pharmacy Listing Screen was generated based on location selected during login and if no location is selected, listing will be displayed by all location and caused slow processing. Add rules, if no location is selected during login, system, listing will show empty, and location must select to generate ward pharmacy listing. | 15/12/2020 |
| 2 | I- PhIS069293120S | Pejabat Kesihatan Daerah Johor Bahru (B) | IWP | 29/9/2020 | IWP Payment - Unable to approve - appear screen at below | Email from user : dilampirkan issue berkaitan pembayaran di IWP dan LPO terlibat untuk tindakan pihak tuan/puan. Terdapat pembayaran di IWP | Query not done properly and unable to handle for some of the scenario | 23/10/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|------------------------------------|---------------------|---------------|--|---|--|---------------|
| | | | | | | masih dalam status Open dan tidak dapat Approve di mana ianya adalah 16 LPO yang melibatkan penghantaran ke KK Bukit Indah . | | |
| 3 | I-PhIS069371220S | Bahagian Perkhidmatan Farmasi (HQ) | IWP | 6/10/2020 | IWP(ATC Code Details)-Missing chemical substance in active ingredient screen - extra space | Pn Teoh report thru email: I have created ATC code L01XX66 for Selinexor. When next want creating active ingredient for the item, Selinexor was not appear under the drop down of chemical substances in the active ingredient screen. In active ingredient screen, below information was chosen: Anatomical Main Group: L ANTINEOPLASTIC AND IMMUNOMODULATING AGENTS Therapeutic Subgroup: L01 ANTINEOPLASTIC AGENTS Pharmacological Subgroup: L01X OTHER ANTINEOPLASTIC AGENTS Chemical Subgroup: L01XX Other antineoplastic agents Chemical Substance: Selinexor (Can't find it in drop down) Please refer to file upload | Issue happened due to there is blank space inside ATC Code field and cause user unable to trace back ATC Code value inside Active Ingredient screen. | 10/12/2020 |
| 4 | I-PhIS069463520S | Hospital Tanah Merah (A) | Outpatient Pharmacy | 14/10/2020 | Methadone Dispensing - System auto allocate with wrong qty | User reported system auto allocate with quantity 1ml. User informed previously system will allocate based on patient dose. But now even patient dose is 5ml, system will auto allocate with 1 ml only. Happens to all patient. Sample patient for further | Calculation was wrong, it was not considering the drug strength. | 16/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|----------------------|---------------------------------|------------------------------|---------------|---|--|--|---------------|
| | | | | | | checking. HTM00005881 | | |
| 5 | I- PhIS069451220S | Hospital Kulim (A) | Manufacturing - Galenical | 13/10/2020 | Work Order - Diluent is not listed in the Material section - material missing | User informs that for current version (2243), user finds out that Work Order transaction is no longer listed the diluents in the Material section in Work Order screen. Diluent is also not listed upon printing the Galenical Work Sheet. However, upon checking in Formulation screen, Diluent is still listed in the Material section. Formulation: GLN0200085 Kindly refer User Attachment. | Material rendering not handled properly during selection of formula. | 30/10/2020 |
| 6 | I- PhIS069478920S | Hospital Tanah Merah (A) | Prepacking | 15/10/2020 | Prepacking - Cannot prepacking all available quantity - stock has been deduct | Please refer to file upload for further explanation from user | Wrong validation applied during production complete, when stock available - Reserve qty < qty produced, wrong message displayed | 13/11/2020 |
| 7 | I- PhIS069600720S | Hospital Sultanah Aminah (A) | Outpatient Pharmacy | 27/10/2020 | Wrong duration display in drug label for taper drug | Reported via email. Upon update to version 2.2.4.3, there is an issue with the dose tapering function whereby despite setting different number of days(duration) for each tapering dose, the number of days displayed on the drug labels does not conform to this, will only show the same number of days as the first tapering duration. This occurs to all drugs. Kindly refer to the attached screenshots. We | For the reported case two drugs are taper drugs, and for taper drug when allocating supply duration is applied based on the main drug. Thus, supply duration is showing 2 for all the drugs. | 10/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|--------------------------------------|---------------------------|---------------|--|--|--|---------------|
| | | | | | | hope that this issue can be addressed as soon as possible as it may lead to medication administration errors on patients. | | |
| 8 | I-PhIS069556220S | Hospital Sibu (A) | Manufacturing - Galenical | 23/10/2020 | Workorder-ingredient missing | User reported ingredient missing in work order. formulation:Emulsificant Ointment Unit:MU002 Please refer attachment. | When selecting Drug Formulation, material that not in the unit catalogue list not appear in work order due to material rendering not handle properly | 13/11/2020 |
| 9 | I-PhIS069812020S | Bahagian Perkhidmatan Farmasi (HQ) | IWP | 10/11/2020 | IWP User Profile - Pop up error appear when resetting password | Pn Teoh reporting thru email: Here I update profile for user with ID 861008566290, when reset password, error message appear. Is user still able to log in with default password phis123? kindly check on it. | Missing login activation record message when reset user password | 10/12/2020 |
| 10 | I-PhIS069839420S | Pejabat Kesihatan Daerah Muallim (B) | IWP | 11/11/2020 | Tarikh eGRN tidak muncul di IWP | CONTOH 2: CO20000000078758 A) IWP (TARIKH INVOICE: 19.02.2020; TIADA TARIKH eGRN) B) ePerolehan (TARIKH INVOICE: 14.02.2020, TARIKH eGRN: 13.02.2020) | Receiving date not sync to IWP from Facility while DO details send to IWP | 4/12/2020 |
| 11 | I-PhIS069863120S | Bahagian Perkhidmatan Farmasi (HQ) | IWP | 13/11/2020 | Failed set calendar in IWP | Email:- I tried to set weekend for calendar 2021 using the setting as below but failed. Kindly please look into it. Refer attachment | Issue happened due to there is no transaction created during save, issue with the framework | 19/11/2020 |
| 12 | I-PhIS070062720S | Hospital Raja Permaisuri Bainun (A) | Pharmacy Inventory | 19/11/2020 | Pharmacy inventory module - slow processing | User informed module of inventory keep processing and cannot use. own consumption, indent issue . | Performance of system became slow due to use of | 10/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|-----------------------------|--------------------|---------------|--|--|---|---------------|
| | | | | | | same for pharmacist side and staff nurse side | synchronized block in coding level | |
| 13 | I-PhIS070140820S | Hospital Kampar (A) | Prepacking | 20/11/2020 | Prepacking-error when click "complete" button | <p>Prepacking-error when click "complete" button. Appear message " stock has been deducted for item batch "" . please reallocate quantity."</p> <p>User found Status remain "open".</p> <p>User close screen, reopen screen then click complete again. able to completed the prepacking.</p> <p>User did not add/allocate item before click complete for 2nd time. it happened for many transaction but user provide 2 transaction for sample.</p> <p>worksheet ID:PR20001007 & PR20001006</p> | Current stock not set properly when completing prepacking transaction | 2/12/2020 |
| 14 | I-PhIS070311020S | Klinik Kesihatan Kampar (A) | Pharmacy Inventory | 25/11/2020 | Home - Notification & External notification missing - Requester Unit | <p>Puan Amira reported Notification & External notification missing. User suspect issue happened after user change unit name.</p> <p>Example missing All Notification missing currently no record found</p> <p>External Notification : Online Issue Request Received: Before change: Stor Farmasi Klinik Kesihatan Kampar</p> | Mainstore code in any facility PS001 should not editable for any facility | 10/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|-------------------------------------|------------------------------|---------------|---|--|--|---------------|
| | | | | | | After change : Farmasi Klinik Kesihatan Kampar | | |
| 15 | I-PhIS070499420S | Hospital Pakar Sultanah Fatimah (A) | Issue - RIQ(Intra/Inter Fac) | 29/11/2020 | RIQ (Inter) - Missing item in RIQ item list | Pn Faizah reported there was missing item in RIQ item list when user want to issue spub indent from KK Lenga. As informed by user, she received hardcopy indent from KK as well and when compare back in system, there have item not included in RIQ item list. Indent no: R20000189 (KK Lenga) Drug code: L04AX01000T1001XX R01AD08139A4101XX C01DA14221T5002XX S01EE01000D2001XX R06AX13000T1001XX C09DA07000T1001XX Indent no: R20000190 (KK Lenga) Drug code: A12AA04121T1001XX Indent no: R20000191 (KK Lenga) Drug code: A02BC02000T1001XX C10AA03520T1001XX | while receiving rejected by indenter , issue record not update properly. | 14/12/2020 |
| 16 | I-PhIS069371120S | Hospital Seri Manjung (A) | Report/Enquiry | 6/10/2020 | PF 6.6(b) - Inquiry on Report Specification | User informs that currently system includes all prepacking transactions regardless it is UOD or not. (System includes all prepacking transactions). User queries on how user may do prepacking for UOD and not to be included in this report. Kindly refer User Attachments. Please advise. | Query got issue on Bil Jenis & Bil Paket columns where pack of 1 prepacking items also included. | 10/12/2020 |
| 17 | I-PhIS069554020S | Hospital Taiping (A) | Manufacturing - CDR | 23/10/2020 | Medication Order (CDR) - Unable to save - frequency | User reported he unable to save due to system keep on popup message "please enter frequency" | issue with reset tab panel function | 10/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|-------------------------------------|------------------------|---------------|---|--|---|---------------|
| | | | | | | <p>appear. User claimed he already insert the frequency but problem still persist. Kindly refer attachment for reference. Details as below:</p> <p>Example MRN No: 144272 I have already key in the frequency yet the system asked to enter in red pop up notes. So i couldn't update the correct data in it for all the medications. As shown in picture1, the total volume and diluent volume are different and thus it affected the infusion rate as well which was incorrect in the pic. These problems happen on all the patients' disregard of the regime.</p> | | |
| 18 | I-PhIS069724420S | Klinik Kesihatan Mengkibol (A) | Order Management - Web | 4/11/2020 | Medication Order - Appear error when click button patient label | <p>En. Sadhaswaren reported at screen Medication order - appear error when click button patient label.</p> <p>Happen for all patient. Example :mrn : 00097988</p> <p>step : at screen medication order > search IC patient > click button patient label > appear error</p> | System is trying to get facility RN number when printing patient label but the value is null. So error is displayed | 10/12/2020 |
| 19 | I-PhIS069746020S | Klinik Kesihatan Bandar Penawar (B) | Outpatient Pharmacy | 5/11/2020 | Methadone Dispensing - Label quantity not correct - TA | Mr Lee reported Label quantity not correct. TA = 2 Suppose when print/preview drug Label 6/11 & 7/11. But currently only appear 1 drug label with date 6/11. IC :720208016155 (Hasnol) | Number of labels was not counted based on TA. | 14/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|---|------------------------------|---------------|---|--|---|---------------|
| 20 | I-PhIS070064520S | Klinik Kesihatan Semenyih (B) | Procurement - Purchase Order | 19/11/2020 | Purchase order (APPL) - Unable to sent for approval | Miss Nadiah reported, purchase order (APPL) - Unable to sent for approval due to when user click nothing happen. This issue only happen for purchase order without ep integration. User give permission to click on behalf user. PO number : PO20000409 | Send For approval function not handle properly in APPL offlin | 26/11/2020 |
| 21 | I-PhIS068879320S | Klinik Kesihatan Jalan Masjid (A) | Report/Enquiry | 17/8/2020 | Drug Utilisation - Double entry | Ms Gillian reported she notice have double entry at drug utilisation for drug reported below. Drug code: J05AG03000T1001XX (Efavirenz 600 mg Tablet) MRN : KKE13012900097487 Rx No : FAR0000469390 Item code Dispensed : J05AG03000T1001XX.01 Item Batch : HG6020001-A Dispense Date : 5/8/2020 | Wrong query was implemented for dispensing records that have alternate drugs. | 15/9/2020 |
| 22 | I-PhIS070850520S | Klinik Kesihatan Putrajaya Presint 18 (A) | Outpatient Pharmacy | 4/12/2020 | Screening & Verification- Medication not appear | SIT Amirul reported medication not appear in Screening & Verification. Currently SIT did simulation from TPC and request urgent to check. Rahayu Binti Shafie 3263675 Status : Ordered | Issue happen due to drug strength uom is noy retrieved properly at PhIS API (Integration rest) during saving medication order upon receive OMP message from TPC/OHCIS | 10/12/2020 |
| 23 | I-PhIS070424420S | Klinik Kesihatan Seri Tanjung (B) | Report/Enquiry | 27/11/2020 | Drug Utilisation: unknown prescriber name occur | user reported unknown prescriber name occur when generate drug utilisation. Details as below and refer attachment user:- unit : stor ubat Dispensing Date/Time | Issue happen due to wrong table is taken for prescriber name which should taken from | 3/12/2020 |



| No | Ticket No | Facility | Module | Reported Date | Title | Description | Root Cause/Analysis | Resolved Date |
|----|------------------|-----------------------------|--------------------|---------------|---|---|---|---------------|
| | | | | | | From/To : 26/11/2020 - 27/11/2020 | prescriber table instead of security user table | |
| 24 | I-PhIS070929520S | Klinik Kesihatan Lanang (A) | Pharmacy Inventory | 9/12/2020 | Product Recall: Error to save notification number | user reported error to save notification number. Error: Please contact admin. Details as below and refer attachment user Notification no.: RN20000005 HQ Notification no.: NO20000586 | Manufacturer column length not enough to save the value. | 15/12/2020 |
| 25 | I-PhIS070973620S | Hospital Tumpat (A) | Pharmacy Inventory | 13/12/2020 | RECALCULATE BUFFER LEVEL - Calculation Issue | <p>Email from user : Saya dapati pengiraan maximum , minimum dan buffer level adalah tidak menyamai transaksi untuk setahun. Oleh itu modul recalculate buffer level tidak dapat digunakan untuk tujuan tersebut.</p> <p>Contoh : Item : tab hyoscine 10 mg</p> <p>Qty pengeluaran jan-dis 2020 : 14500 tab Min qty dicadang oleh sistem : 18166 tab Buffer level dicadang oleh sistem : 36333 tab Max qty dicadang oleh sistem : 54500 tab</p> <p>Saya merasakan nilai yang dicadangkan oleh sistem amat berbeza dengan penggunaan sebenar item tersebut. Mohon penjelasan pihak tuan. Kerjasama tuan amat saya hargai.</p> | Product buffer level year condition wrongly handled Calculation for consume quantity not following the Calculation Period configure at facility | 17/12/2020 |



Verified and Acknowledged By:

Signature: _____ Name: _____
Date: _____ Designation: _____

Signature: _____ Name: _____
Date: _____ Designation: _____



4 Refinement List – Detail Changes

NA

5 Deployment - Procedures

5.1 List of Items to be Deployed

| No. | Items | Components | Path |
|-----|----------------------|--|---|
| 1 | Facility Script | 1. PatchScripts_PhIS_V2.2.4.txt 2. PatchScripts_PhIS_V2.2.4.2.txt 3. PatchScripts_PhIS_V2.2.4.3.txt 4. PatchScripts_PhIS_V2.3.txt 5. PatchScripts_PhIS_V2.2.4.4.txt 6. PatchScripts_PhIS_V2.2.4.4_Functions.txt 7. PatchScripts_PhIS_V2.2.4.4.txt 8. PatchScripts_PhIS_V2.2.4.4_Functions.txt | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/scripts |
| 2 | Facility Application | iphis_v2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war |
| 3 | Facility Application | PhISService_v.2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war |
| 4 | Facility Application | PhISSchedulers_v.2.2.4.4.jar | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/jar |
| 5 | Facility Application | phis_Email_v2.2.4.3.jar | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/jar |
| 6 | Facility Application | phis_Cd_V2.2.4.4.jar | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/jar |
| 7 | Facility Application | phisIntegration.properties | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/jar |
| 8 | Mobile Application | iphismobile_user_v2.2.4.3.war | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war |
| 9 | Mobile Application | phisAPI_v2.2.4.3.war | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war |
| 10 | Mobile Application | ipadhosp-2.2.0b27b.war | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/Mobile |

| No. | Items | Components | Path |
|-----|----------------|-----------------------------|--|
| 11 | HQ Script | PatchScripts2.2.4.4_IWP.txt | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/scripts |
| 12 | HQ Application | phishq_v2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/war |
| 13 | HQ Application | epservice_v2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/war |
| 14 | HQ Application | masterRelease_v2.2.4.3.jar | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/jar |

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 | 1. PatchScripts_PhIS_V2.2.4.txt 2. PatchScripts_PhIS_V2.2.4.2.txt 3. PatchScripts_PhIS_V2.2.4.4.txt 4. PatchScripts_PhIS_V2.3.txt | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/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. For _Functions.txt, please ensure execute one by one blocks. |
| 2 | Facility Application | iphis_v2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications | Please rename the war file to iphis.war then deploy. |



| Step | Items | File Name | Source Path | Action |
|------|----------------------|-------------------------------|---|---|
| | | | /PhIS_ReleaseV2.2.4.4/facility/war | |
| 3 | Facility Application | PhISService_v.2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war | Please rename the war file to PhISService.war then deploy. |
| 4 | Facility Application | PhISSchedulers_v.2.2.4.4.jar | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/jar | Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab. |
| 5 | Facility Application | phis_Email_v2.2.4.3.jar | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/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_V2.2.4.4.jar | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/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 | phisIntegration.properties | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/jar | /home/phisesb/phisbackprops/ and copy downloaded phisIntegration.properties and configure facility db details in properties file. |
| 8 | Mobile Application | iphismobile_user_v2.2.4.3.war | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war | Rename war file to iphismobile_user.war and deploy. |
| 9 | Mobile Application | phisAPI_v2.2.4.3.war | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/facility/war | Rename phisAPI_v2.2.4.3.war to phisAPI.war and deploy. |
| 10 | Mobile Application | ipadhosp-2.2.0b27b.war | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications | Rename ipadhosp-2.2.0b21.war to ipadhosp.war and deploy. |



| Step | Items | File Name | Source Path | Action |
|------|-------|-----------|------------------------------|---|
| | | | /PhIS_ReleaseV2.2.4.4/Mobile | - Mobile Frontend: 2.2.0r35c - Mobile Backend: 2.2.0b27b |

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 | PatchScripts2.2.4.4_IWP.txt | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/scripts | Execute as Script |
| 2 | HQ Application | phishq_v2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/war | Rename the war file from phishq_v2.2.4.4.war to phishq.war then Deploy using Glassfish Administration Console |
| 3 | HQ Application | epservice_v2.2.4.4.war | https://10.1.2.02:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/war | Rename the war file from epservice_v2.2.4.4.war to epservice.war then Deploy. |
| 4 | HQ Application | masterRelease_v2.2.4.3.jar | https://10.1.1.82:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV2.2.4.4/iwp/jar | Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to masterRelease.jar. Then Restart crontab. |