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

Release Note

For version 1.8.1.3

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1.0	18/06/2018	Zainura	Chew Ming Ping	First Version

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Peer Review

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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	:	1.8.1.3
Client Name	:	Ministry of Health
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Release Date	:	18/06/2018

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

N/A

3.2 Resolved Defect List

The following are the summary of resolved issue list that included in PhIS and CPS version 1.8.1.3.

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
1	I-PhIS030991218S	Hospital Seberang Jaya	Ward Pharmacy	5/4/18	CP1 - Not all drug been select after select all - Check Box	User Mr Shuhaimi reported after he tick all in prescription medication, only first page appear and he need to tick all for 2nd page. Confirm by user it happen to all MRN	Checkbox not set properly for next page.	22/5/18	
2	I-PhIS032185318S	Hospital Tengku Anis	MTAC	15/4/18	MTAC Reporting - Appear large box confirmation	Pn Nurshafarina reported that appear large box confirmation during MTAC Reporting. She inform for 1st patient, she able to proceed normally with MTAC Reporting. Issue happen at 2nd patient which she search patient and double click to enter patient details, but system appear large box confirmation at the screen and user to scroll down screen to view the box confirmation "Are you sure want to save?". If user click on Yes button, the 2nd patient details for MTAC reporting will disappear. User	Code and logic problem	5/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						inform she had to logout system and login back, but same issue for 2nd patient will persist. Kindly refer attachment.			
3	I-PhIS032291118S	Hospital Rompin	MTAC	16/4/18	MTAC reporting - Blank page after click closed page	User Miss Atikah reported blank page appear after she click button closed.User click arrow back, system auto-logout.It happen to more than 1 ID	Code and logic problem	6/6/18	
4	I-PhIS032635118S	Hospital Tawau	MTAC	18/4/18	MTAC Reporting - Error appear when click Lab Parameter	Ms Goh Mei Hoh reported that error appear when she click on Lab Parameter. She mention this issue happen when she want to proceed MTAC Reporting for 2nd patient. User inform she success to save record for MTAC Reporting for first patient, but second patient appear blur box and need to scroll down to view. User tried to restart pc, and same issue will appear for second patient. In addition, this report also same as report no 18331632C. Issue happen at all pc and all patient. Kindly refer activity for video link provided by Ms Goh.	Number format exception not handled if empty values	11/6/18	
5	I-PhIS032763118S	Hospital Kuala Kubu Bharu	MTAC	18/4/18	MTAC Reporting - appear pop up error when double click patient	Mr Wan reported appear pop up error "An error has been occured" when click at patient list. Kindly please refer attachment from user. attachment from user.	Null pointer exception for the respiratory Asthama score	12/6/18	
6	I-PhIS032809218S	Hospital Seberang Jaya	Manufacturing - PN	19/4/18	PN Dispensing - able to dispense even has no stock balance	user reported at unit catalogue list show as reversed quantity as as below unit catalogue list - total parental	When allocation with multiple users either same prescription or different prescriptions, system not	12/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						nutrition (TPN) drug name - 1.dextrose 50% IV solution 500mls (B05BA03000P3005A) = -1 2.trace element - adult (B05XA30905P3001XX = -11 3.Vitamin A,D,E,K(A11BA00901P3001F) = -4	checking available qty		
7	I-PhIS033133218S	Hospital Pakar Sultanah Fatimah	MTAC	22/4/18	MTAC Reporting - Comment that key in vertical order become horizontal when in report preview	Pn Tan Sin Li report when user type comment in Other Remarks as in vertical order. But, when user previewing the report, the comment are shown in horizontal order. Example as below and please refer to file upload: 1. ABC 2. EFG 3. HIJ changed to: 1. ABC 2. EFG 3. HIJ	Line break was not added for the other remarks column	5/6/18	
8	I-PhIS033167118S	Klinik Kesihatan Bandar Baru Air Itam	Medication Counseling	23/4/18	Medication Counselling - Pharmacist Remarks - Not display all in printed report	Miss Yap reported information that has been key-in during Medication Counselling is not tally with report or print preview. Happen to several patient, example as below. Kindly refer attachment provided. Patient ID: 720718075649	The error is caused by properties markup set is 'none' then the value with bullet will not display.	25/5/18	
9	I-PhIS033189218S	Hospital Tengku Ampuan Afzan	Manufacturing - CDR	23/4/18	CDR Order - Total Dose remain after edit Dosage	En Ashraf reported Total Dose remain after edit Dosage. Happen to all patient and all regimen code. Example as below. Kindly refer attachment provided. Patient ID: 780524065156 1. Go to CDR Order 2. Enter Height and Weight and click Update 3. Select Regimen Code	When renew the cdr order the BSA is not calculated	24/5/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						4. Click on Drug 5. Change Dosage to 1000mg 6. Total Dose remain.			
10	I-PhIS033583118S	Hospital Tengku Ampuan Afzan	Order Management - Web	25/4/18	Need to update Height & Weight for every visit	User need to update height & weight every time patient re-admit. User confirmed patient already got height and weight. It happen to all MRN and ID.	Whenever new patient visit is created, any update of height & weight value will be saved and displayed in patient banner. But issue happened in Quick Registration because the screen does not have patient banner. Once creating new visit from Quick Registration, there is no place (patient banner) to display back height & weight value from previous visit and when visit is saved, no previous height & weight values are stored.	22/5/18	
11	I-PhIS033657118S	Hospital Jelebu	Clinical Pharmacokinetic Services (CPS) & TDM	25/4/18	TDM Order - Unable to select TDM drug	Miss Ong reported unable to select TDM Drug even user already select Indication For Request as "Therapeutic Monitoring". The field is dimmed and yellow color MRN: HJL00005529	Drug bandbox will enable only when patient has height and weight. After user enter height and weight in patient banner which is unable to capture in order screen. Due to this drug field disabled.	22/5/18	
12	I-PhIS033795218S	Hospital Tengku Ampuan Afzan	Manufacturing - CDR	26/4/18	CDR Preparation - Pop up message after click save	Encik Nasri reported unable to allocate quantity for patient. Total Order Qty : 18 Vial Prepare Quantity : 0 Vial (Red Colour) Click	Issue happens due to Stock Quantity is calculate based on order quantity regardless of dose	8/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						Select Dose to Supply Total supply less than total stock. Click Save > Pop up message > 7324 - Invalid allocation quantity. User will send screenshot. Patient Details : MRN : HTAA00127999 (Tun Fariza-920717115123) Rx NO : 8B0000540362 Drug Name : Daunorubicin HCI 20mg/10ml Injection	schedule.		
13	I-PhIS034313118S	Hospital Dutchess of Kent	MTAC	2/5/18	MTAC Reporting - Issue when click Medication Order	User reported unable to complete reporting due to when click Medication Order system keep on unresponsive. Further more system not enter the screen that it should be. MRN : HDOK00076201	IF user login without the location, which are mandatory for Medication Order, hitting Null pointer exception and user unable to proceed to create order.	8/6/18	
14	I-PhIS034701118S	Hospital Kuala Lumpur	Special Drug Request	4/5/18	Special Drug Request - Missing Alternate Treatment & Duration Added	Received email from Ms Karen. User inform when alternative treatment was keyed in, no data appeared in the list, repeat for 3 times still the same no data was saved even already Click Save. However, window was closed and reopened, data reappeared again following 3 times of key in data earlier, causing data overlapping and become 6 in total in which only 2 is needed. (due to try for 3 times when no data was saved). Thus, user try to delete additional data which is overlapping, however, Cancel button is not functioning.	1. The Alternate Treatment added is not appear after add the subsequent treatment -> This happens due to list not refresh when add new alternate treatment. 2. The duration is missing -> This happens when open with patient details screen not selecting duration by reference code.	23/5/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						There is no EDIT or DELETE Button for user to edit or delete additional unused data. Kindly refer attachment. MRN: HKL00070205			
15	I-PhIS034737318S	Pejabat Kesihatan Daerah Kuala Pilah	IWP	4/5/18	Penalty (IWP) - error when open transaction for penalty PS2	User reported she received penalty from KK Gunung Pasir but she unable to open the penal transaction due to pop up message "error500:unknown exception" PE21-05030025-18500004	The error appear due to the delivery Order NO(DO No) Value are missing.	22/5/18	
16	I-PhIS035095218S	Hospital Tengku Ampuan Afzan	Adverse Drug Reaction (ADR)	8/5/18	ADR Reporting - Verified by column shows blank - listing not refresh	Pn Fareha reported after verified the ADR reporting and close the screen, the verified by column shows blank. She inform happen at certain patient but user provide one example for investigate. As confirm by user, already tick verified by when do the reporting. MRN: HTAA00125281 ADR no: ADR180000570	listing page not refresh after closed update/create ADR windows.	22/5/18	
17	I-PhIS035103118S	Hospital Bahagia Ulu Kinta	Pharmacy Inventory	8/5/18	Purchase Order (LP) -unable to do eP approve	Ms.Nicole reported unable to proceed for EP Approve due to system prompt message "Item brand cannot be blank". Message prompt once user click EP Approve	filter for the item brand and manufacturer missing in item information and cause system cannot save record properly	12/6/18	
18	I-PhIS035287218S	Hospital Sibu	General Module	11/5/18	User Location Report - Different Designation with user profile	User Mr Ting reported designation different between User Location Report and User Profile. Example ID : User ID : 870528075166 User Location Report : Personal Problem User profile : Medical Officer	Issue happened due to designation value is taken from wrong ref code domain.	22/5/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
10	I-PhIS035357218S	Hospital Dungun	Pharmacy Inventory	14/5/18	Purchase order (AP, LP & CP) - Error occur when click save button	Puan Nadia reported error occur "please contact admin" when click save button to proceed with send for approval. User tried save 5 items and one item, it show same error for both transaction. Based on screenshot given by user. The purchase order successful generate report number, but no item recorded. Purchase order number: PO18000502	Issues caused by the LPO number for APPL, LP and CP are not updated in the PO Header table in Database when confirmation.	22/5/18	
20	I-PhIS035399318S	Hospital Tengku Anis	MTAC	14/5/18	MTAC Reporting(Specific Details) - Error occur when click save	Puan Safarina reported error "please contact admin" occur when click save & continue button in specific details side. Kindly refer attachment Steps: MTAC reporting - keyin IC - click add new - key in all details - click save & continue button (specific details) - error occur	Specific details wasn't handled properly, which resulted in Exceptions.	5/6/18	
21	I-PhIS035445218S	Hospital Umum Sarawak	Outpatient Pharmacy	14/5/18	SPUB patient list - Appear error when click button resend	Miss Julies reported appear error when click button SPUB"error message : please contact your system administrator". At SPUB Sending Status appear X(red color) Step by user : spub patient list>search ic number>click button search>double click patient>click resent button>appear error. Only appear at this screen. MRN : hus00119972 User ID:861024135052	Issue happens due to transaction table's columns length and integration table's columns length different.	5/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
22	I-PhIS035581318S	Hospital Pakar Sultanah Fatimah	MTAC	15/5/18	MTAC Reporting - show null in column current medication	User Pn tan Sin Li reported when user generate report for MTAC show "null, null.null' at column current medication. patient name: Adiazran Bin Akasah , RN 27997, visit 3 & 4 MTAC reporting.	Order Details were not set while printing the MTAC reports.	8/6/18	
23	I-PhIS035609118S	Cawangan Farmasi Logistik Negeri	Pharmacy Inventory	15/5/18	Purchase Order (AP,LP & CP)- Popup appear when double click external indent no	En Humam reported he want to do purchasing against purchase type: Quotation. However when double click external indent no, popup appear 'Item status is inactive for item ....'. When user click OK, same popup appear but with different item. User request to check for all 10 items in transaction. He confirmed item status are active for all 10 items when check in drug/non-drug catalogue. Quotation no: QU18000018 External indent no: R18000918 (Hosp Tenom) Example drug code: G1120130002 G1120460001 ID: 890107035543	System does not check correct status for Item default while doing purchase order APPL,LP & Contract screen	24/5/18	
24	I-PhIS035913118S	Klinik Kesihatan Kalumpang	Report/Enquiry	17/5/18	Indent (Inter Facility) - Issue quantity details not tally with item movement	User reported Issue quantity details not tally with item movement. User claimed she want indent (inter facility) but user query why issue quantity details shows 20 quantity but in item movement shows 10 quantity of issue.Kindly refer attachment for reference. Details as below: Item code: R03BA05133A2101XX.01 Date: 26/02/2018 - issue quantity 10 /	Wrong date range for Periodic 90days in "Usage Quantity Details" screen.	13/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						send into Level 3 In usage & quantity details shows 20 User ID: 680207106331			
25	I-PhIS035959118S	Cawangan Farmasi Logistik Negeri	Pharmacy Inventory	17/5/18	Purchase Order (AP, LP & CP) - data not reset when create order.	ser En Humam from CFLN Sabah reported already perform receiving for LP item on 15/5/2018. Then user want to proceed issue for that item to Hospital Keningau (DST:1327). Suddenly he realize, for that item already issue to Hospital Tenom. Confirmed by user he did not perform any issuing transaction for that item and he's the only one that will perform issuing transaction. Receiving no.: P180000660 Issue No.: E02PS001-0013349 Updated: Step: -Receiving transaction done by user Pn Rafidah -User Pn Rafidah click "sent for approval" -User Ms Freda will open receiving transaction and click approve button (login id: 850707135474). -Popup "are you sure want to approved" appear and user click "Yes". -Popup "This receiving has been approved" appear and user click "Ok". -Popup " Issue (Issue Number), has	Issues from Purchase Type and Request Type by APPL, LP & Contract are not reset when the user make changes. Due to filter issues then the system will keep the wrong records until receives.	4/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						been done for Indent (Indent Number)" appear.			
26	I-PhIS036093118S	Cawangan Farmasi Logistik Negeri	Pharmacy Inventory	18/5/18	Notification - Transaction disseminate not appear at Sender Facility	En Humam reported ,transaction disseminate not appear at notification and user unable to print report disseminate. He inform version1619 appear and able to print.	Wrong filtering	8/6/18	
27	I-PhIS036125218S	Hospital Labuan	Pharmacy Inventory	18/5/18	Unit Catalog (Add Item in UCL) - Code & Description maintained after click on Cancel	Add Item in UCL - Code & Description maintained after click on Cancel 1) Click on edit in UCL 2) Click on Add Item button 3) Fill in all mandatory items 4) Click on Cancel button > Existing Code & Description maintained in screen Refer to attachment	When click on 'Cancel' button, Drug/Non-Drug and Drug/Non-Drug Name field is not reset.	5/6/18	
28	I-PhIS037165118S	Hospital Kota Tinggi	Ward Pharmacy	25/5/18	Ward Pharmacy (CP2) - Page not auto refresh/update status to YES after user key in CP1 & CP2	Emailed from user: at screen CP2 for, page not auto refresh/update status to YES after user key in CP1 & CP2 Example: user entered details in CP2 for patient named TEST. but after click button saved, patient named TEST's CP1 & CP2 recorded status still show NO unless user refresh by click on search button. User required to click search button to refresh, then only screen updated.	The error is caused by ward pharmacy CP2 in commented mode and not available to use	4/6/18	
29	I-PhIS037339418S	Hospital Sibu	Patient Management	28/5/18	Clinical Summary (CP2) - Co-morbidity record not appear	Mr Loo reported he already fill in Co-morbidity record at ward pharmacy (CP2). However, Co-morbidity record not appear when	Comorbidity information was not retrieved from correct values in Clinical Summary screen	5/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
						check in clinical summary. Happen to all patient but user provide example MRN as below to check. Kindly refer attachment. MRN: HSIBU00352176 (Beji a/k Amit) ID: 890816085631			
30	I-PhIS037717118S	Hospital Sibu	MTAC	31/5/18	MTAC reporting - assessment section data missing	user reported MTAC reporting - assessment data section missing, As the data below had been filled since 8-jan-18. There were happening to all the patient data which have been key in since last time. Example: 1) diet and lifestyle 2) family history 3) Co morbidity 4) Diagnostic Test	Patient history assessment records mapping was wrong with mtac order. [Based on mapping one mtac order could have multiple patient history assessment records; however, in fact, it must be only one per mtac order.	8/6/18	
31	I-PhIS037827118S	Klinik Kesihatan Bukit Minyak	Adverse Drug Reaction (ADR)	1/6/18	ADR Reporting - ADR Record not appear	User reported the record ADR not appear at ADR Reporting. Refer user attachment as reference. ADR no.:- ADR 180000001 ADR 180000002 ADR 180000003 ADR 180000004 ADR 180000005 ADR 180000006	ADR reporting available closed the screen without detect either drug detail is Empty and have suspect drug.	6/6/18	
32	I-PhIS038503118S	Hospital Raja Permaisuri Bainun	General Module	6/6/18	User Status become inactive - from CAS	SIT Hisyam reported, Found many users created before become inactive. Attachment is some of them.	previous version of iphismobile_user API is using table ph_sec_user from iphis version 1.3.8 which not have active_flag	12/6/18	

No	Ticket No	Facility	Module	Reported Date	Title	Description	Root Cause/Analysis	Resolved Date	Verify Status
							cause value in active_flag is empty.		
33	I-PhIS038535118S	Hospital Miri	Pharmacy Inventory	6/6/18	Prepacking-Popup message appear Cannot save produced quantity more then original quantity	User reported popup message appear after she click Production Complete button. Message shown as 'INFO7668: Cannot save produced quantity more then original qunantity !'. Kindly refer attachment provided. PR18000313	Wrong calculation when set value for available qty.	12/6/18	

Verified and Acknowledged By:

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

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

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	1. PatchScripts_PhIS_v1.8.1.3.txt	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/facility/scripts
2	Facility Application	iphis_v1.8.1.3.war	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/facility/war
3	Facility Application	PhISSchedulers_v.1.8.1.3.jar	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/facility/jar
4	HQ Script	PatchScripts_IWP_v1.8.1.3.txt	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/iwp/scripts
5	HQ Application	phishq_v1.8.1.3.war	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/iwp/war
6	HQ Application	masterRelease_v1.8.2.jar	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/iwp/jar
7	HQ Application	epservice.war	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/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	1. PatchScripts_PhIS_v1.8.1.3.txt	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/facility/scripts	Please ensure all the script is execute before iphis.war deploy. Please ensure the script is executed in sequence. Script file 1 Execute as pgScript and Script file 2 execute by high lighting one by one
2	Facility Application	iphis_v1.8.1.3.war	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/facility/war	Please rename the war file from iphis_v1.8.1.3.war to iphis.war then deploy.
3	Facility Application	PhISSchedulers_v.1.8.1.3.jar	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/facility/jar	Backup jar file from /home/phisesb/phisjars/ and copy downloaded jar and rename to PhISSchedulers.jar. Then Restart crontab.

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	PatchScripts_IWP_v1.8.1.3.txt	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/iwp/scripts	Execute as Script
2	HQ Application	phishq_v1.8.1.3.war	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/iwp/war	Rename the war file from phishq_v1.8.1.3.war to phishq.war then Deploy using Glassfish Administration Console
3	HQ Application	masterRelease_v1.8.2.jar	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/	Rename the jar file from masterRelease_v1.8.1.

Step	Items	File Name	Source Path	Action
			PhIS_ReleaseV1.8.1.3/iwp/jar	3.jar to masterRelease.jar and copy to directoty '/home/phisesb/phisjars' Then restart the crontab.
4	HQ Application	epservice.war	https://10.1.1.8.1.32:44330/svn/Workspace_Dataware/31_Implementation/Applications/PhIS_ReleaseV1.8.1.3/iwp/war	Deploy using Glassfish Administration Console