

CCB Request and Decision Summary

(Tasks Under CCB Dispositioned State, as of Friday, July 30, 2004)

CQERA00018103

1. Summary

Task Id: CQERA00018103
Submitted to CCB by: Dan Hall
Date Submitted To CCB: 2004-07-26 00:00:00
Request Description (Task Headline): Commons Task Order 1 - Iteration 1 Release 2.7.0
Severity:
System: Commons
SubSystem: Commons
Recommended Timeframe (Target Test Deploy Date): 2004-09-03 00:00:00
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

This request is to defer a task to correct a bug in Commons that is causing a memory leak. For the time being, the Commons server is being rebooted every night to remedy the problem. Dan Hall stated that the task to correct the defect requires more research to ensure the problem is properly resolved. In addition, the task requires in-depth load testing. Therefore, it would be prudent to move the defect correction from August to October as part of the release of Commons 2.7.0. Kalpesh Patel noted that they had found out how to solve the problem but had not implemented it yet.
Dan said postponing this task required zero hours, not the 2,740 hours listed in the level of effort.

2. Description and Justification

Description:

Commons Task Order 1 - Iteration 1 Master Ticket Release 2.7.0

Justification:

CQ18055 was not included in the 2.6.4 Iteration 2 Commons build and more research is required to ensure that this defect (FSR Memory Leak) is properly resolved. Since we are close to moving 2.6.4 to Acceptance Testing, it has been determined that this task can be moved to the 2.7 release of Commons to allow us more time to perform this function. Since CQ18055 has already received CCB approval, this request is to defer CQ18055 from 2.6.4 release and move it to 2.7 release of Commons

3. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	0	
Development	2740	
Integration Test	0	
Acceptance Test	0	
Operation	0	

Overall Impact Assessment

This is a deferral and because 2.7 has not gone to testing there should be minimal impact in moving this defect to a later release.

4. Associated Defects

Defect Id	Defect Headline
CQERA00018055	FSR bug causing production thread leak problem.

5. Associated Sub Tasks

Task Id	Task Headline
CQERA00018105	Error Handling
CQERA00018107	Incorporate Content Management into Commons
CQERA00018119	IAR Commons Expansion TO Release 1
CQERA00018120	Elaboration of Incorporation of Web QT into Commons
CQERA00018248	Add Close Out Functionality to Commons Status
CQERA00018499	Grant Folder Modifications in Support of Commons Grant Folder 2.7 Requirements
CQERA00018681	Change Access for Submit Final Invention Statement to PI and SO
CQERA00019526	Add Change Password Page to be placed under Content Management Control in 2.7 Release of Commons

6. Associated Issues

Issue Id	Issue Headline
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CQERA00018523

1. Summary

Task Id: CQERA00018523
Submitted to CCB by: David Marcus
Date Submitted To CCB: 2004-07-22 00:00:00
Request Description (Task Headline): Enhancement subtasks from the Statement of Work and Bug fixes
Severity: 3 - High
System: iEdison
SubSystem: iEdison II
Recommended Timeframe (Target Test Deploy Date): 2004-08-02 00:00:00
CCB Approval Counts: 0
CCB Decision: CCB Approved
Notes: None

2. Description and Justification

Description:

This task includes enhancements/bug fixes to be done for Iteration 3 from Appendix A1 of the statement of work and bug entries from CQ.
Ensure that the affected subsystems remain compatible with the changes in the web application.

Justification:

This task includes enhancements/bug fixes to be done for Iteration 3 from Appendix A1 of the statement of work.
CQERA00018539 is also included along with this task to be done for the current task order.

7/22/2004 This task is submitted to CCB again since we have to reduce the scope. Even if the development can be completed, the testers will not have enough time to do the testing within the current task order. In order to do the testing and deploy the code to production within the limited

time, these items need to be removed. While doing the fixes, the developers fixed a database problem which was already in production and not added with this task. This did not need any development time.

Items removed: CQ 18082, 18212, 18217, 15784.

7/27/04: Requirements updates to use cases, SuppSpec, and Error Messages to support correction of the following defects that are associated with the task:

- CQERA00015715: No validation on combinations of org code, acct type, nih IC, and agency.
- CQERA00017820: The patent number displayed in a message does not match the patent number on the patent form.
- CQERA00016464, CQERA00018227: Patent and IDR circular relationships allowed

7/27/04: Requirements updates to Generate Invention Report use case to substitute other search criteria for criteria found to be inappropriate during design effort for associated task:

- CQERA00018207: For Generate Invention Report, allow more criteria a la what is permitted when searching for an EIR.

7/28/04: Items removed:

- CQERA00015788 (Audit elements on New Patent Creation don't match up with spec) removed since one action should not be done and the other is deferred until a more comprehensive revamp of the audit process is undertaken in a subsequent TO.
- CQERA00017791 (Searching for Submitted Documents returns unnecessary and potentially misleading records.) removed since it would need more analysis by both iEdison Business unit and Requirements Branch than current schedule and deadlines allow.

4. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	195	David Marcus
Development	1159	Jeffrey Kuhn
Integration Test	578	Judith Wright
Acceptance Test	168	Pat Brown
Operation	4	Steve Fitzgerald

Overall Impact Assessment

Improve system performance.

7/22/2004 Removing these CQ items from this task will help the testers to finish testing and allow deployment to production before the contract ends.

7/24/04: For defects, provide requirements basis for known system problems. For alteration to enhancement, provide substitute requirements (with no additional Development or Testing impact) to replace requirements found (during the design effort) to be inappropriate.

7/28/2004: Removing these CQ items from the task allows Development and Testing to proceed on schedule without hold up for further analysis and avoids changes that may be inappropriate at this time.

4. Associated Defects

Defect Id	Defect Headline
CQERA00015673	No error handling for generation of notification messages

CQERA00015697	Back button on second page of results does not go to first page in registration requests.
CQERA00015715	No validation on combinatins of org code, acct type, nih IC, and agency.
CQERA00016291	Barred IDRs with no "Date of 1st Publication, on sale or public use"
CQERA00016312	Missing Agencies in PrimaryAgencyInfo
CQERA00016439	Can't make parent/child patent change; wrong message given
CQERA00016440	Don't get timeout warning message using Netscape
CQERA00016448	Can only enter 15 characters for first name on registration screen
CQERA00016464	Circular relationships permitted
CQERA00016465	ORD patent not displayed as child of CPA/RCE patent in tree
CQERA00017775	Changing the Organization Code when updating your own account should not be allowed.
CQERA00017820	The ?patent number? displayed in a message does not match the patent number on the patent form.
CQERA00017822	Change wording of a confusing button on the EIR form.
CQERA00018075	Patent status (and other?) value lists do not accommodate non-conforming values
CQERA00018130	Document server - documents stored in incorrect partition
CQERA00018171	Powerbuilder EIR timeout does not properly close record -- hangs client
CQERA00018216	Do not allow EIR invention status change from "NOT ELECT TITLE...", which is currently allowed.
CQERA00018227	Circular Parent/Child Patent Report Relationship Allowed
CQERA00018353	PB Bug - when setting two fields, error message incorrectly blocks saving record
CQERA00018710	New Weekly Report Email Problems with Web EIR Submissions
CQERA00019096	Java servlet error Grant Contract# number format Help error 20356
CQERA00019279	Clarification and Correction to DUNS Requirements

5. Associated Sub Tasks

Task Id	Task Headline
CQERA00018079	Verification of the accuracy of the weekly and daily database reports
CQERA00018081	Addition of account deactivation due to lack-of-use functionality
CQERA00018196	Addition of European Patent Office (EPO) as a foreign filing option
CQERA00018207	For "Generate Invention Report", allow more criteria a la what is permitted when searching for an EIR.
CQERA00018208	Allow all users within an institution to view the profile
CQERA00018210	Allow administrators of an institution to update the contact information on the profile
CQERA00018214	Ability of the officer upload file to be sent without requiring manual intervention by an interactive user
CQERA00018218	Provide users the ability to specify sort criteria for result lists

6. Associated Issues

Issue Id	Issue Headline
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CQERA00018916

1. Summary

Task Id:	CQERA00018916
Submitted to CCB by:	Kalpesh Patel
Date Submitted To CCB:	2004-07-27 00:00:00
Request Description (Task Headline):	Oracle 10g RAC implementation

Severity:
System: Operational Environments
SubSystem: Core eRA Environment
Recommended Timeframe (Target Test Deploy Date): 2004-09-14 00:00:00
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

This task introduces the 10G Architecture and Migration Plan as the baseline for the proposed migration of eRA's current Oracle 9i database and application servers to the Oracle 10G--grid computing--RAC database and application servers. Kalpesh Patel stated that details of this plan needed to be fleshed out and he would bring changes to the CCB board as they become available. The 360 hours indicated in the level of effort referred to implementation of the overall plan.

2. Description and Justification

Description:

Oracle 10g RAC implementation

Justification:

10g Proposed Architecture and Migration plan was reviewed on 7/26/2004. This request is to create a baseline for this document. Following documents should be baselined.

ERA-IMPACII\architecture\docs\tech arch\10G Architecture and Migration Plan.doc-arc

ERA-IMPACII\architecture\docs\tech arch\10G Architecture and Migration Diagrams.vsd-arc

Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	0	
Development	0	
Integration Test	0	
Acceptance Test	0	
Operation	360	Richard Ashley

Overall Impact Assessment

This is a planned effort.

4. Associated Defects

Defect Id **Defect Headline**

5. Associated Sub Tasks

Task Id **Task Headline**

6. Associated Issues

Issue Id **Issue Headline**

CQERA00019713

1. Summary

Task Id: CQERA00019713
Submitted to CCB by: Jennifer Flach
Date Submitted To CCB: 2004-07-27 00:00:00
Request Description (Task Headline): CGAP Maintenance
Severity:
System: CGAP
SubSystem: CGAP
Recommended Timeframe (Target Test Deploy Date): 2004-08-15 00:00:00
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

This task involves correcting defects found in previous CGAP pilots. The fixes are needed before the next CGAP pilot and for CGAP RR. Jennifer Flach stated that she was shooting to test August 15 with deployment in September. While the level of effort estimated to complete this task is high at 368 development hours, Jennifer stated that it was a worst case scenario.

CCB acting chair Jim Tucker said this task was preliminarily approved, pending a discussion for development with CGAP and Commons.

David Wright expressed concern that with CGAP, CGAPRR and Commons testing scheduled for the same timeframe, the development team in charge of that testing would be overwhelmed. The testing would tax them unduly. One group member suggested tasks be prioritized. Jennifer suggested that task-order managers could do some horse trading. Steve Hughes said that at some point, they would have to get permission from a committee. The group agreed that branch chiefs should figure out a process for prioritizing tasks for testing so that the testing team is not overwhelmed.

Action: Branch chiefs should figure out a process for prioritizing tasks for testing so that the testing team is not overwhelmed.

2. Description and Justification

Description:

Outstanding CGAP maintenance items

Justification:

Maintenance fixes needed for next CGAP pilot and for CGAP RR requirement.

5. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	done	
Development	368	Sushma Chand
Integration Test	need LOE	
Acceptance Test	NA	
Operation	3	Richard Ashley

Overall Impact Assessment

medium

4. Associated Defects

Defect Id	Defect Headline
CQERA00015064	Exchange schema validation error's for 'ForeignApplicationIndicator' even though it is not Mandatory

CQERA00015215	PersonInfoRequest does not display any Country Information
CQERA00017420	primary and alternate project site data rendering in the PDF
CQERA00017927	Zipcode format error occurs when no country code is provided for PDPI
CQERA00017942	Application is successful even though there is a mismatch
CQERA00018885	Ensure PDFs generated by CGAP are saved properly and are viewable by Grant Folder
CQERA00019003	Mandatory Components are not enforced by CGAP
CQERA00019046	Configuration and menu items for CGAP reports and registration

5. Associated Sub Tasks

Task Id	Task Headline
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6. Associated Issues

Issue Id	Issue Headline
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CQERA00019764

1. Summary

Task Id: CQERA00019764
Submitted to CCB by: Amir Venegas
Date Submitted To CCB: 2004-07-21 00:00:00
Request Description (Task Headline): Remove ability to query HESC information in eRA
Severity: 3 - High
System: IMPAC II
SubSystem: OLTP DB
Recommended Timeframe (Target Test Deploy Date):
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

NIH has mandated collection of information on grants involving Human Embryonic Stem Cells (HESC) since fiscal year 2002. The IMPAC II systems were tracking this information but now this responsibility has been taken over by NIH/FMB. This task is to make changes in the IMPAC II system so a user will not be able to get any HESC information from the IMPAC II system. This task carries some urgency because Dr. Norka Ruiz-Bravo, Dr. Baldwin Wong (Head of HESC Task force), and Dr. Walter Schaffer have requested this be done immediately. The stem-cell data will be backed up in case NIH officials change their mind about IMPAC II tracking the data. Some CCB members expressed concern that the changes in the IMPAC II system may impact other applications. Kalpesh Patel stated that the approach was fine, but the impact had not been thought through. CCB acting chair Jim Tucker stated that this task is approved but it will need some coordination with analysts to ensure that the changes do not affect other applications. The work is expected to begin Monday (Aug. 2).

2. Description and Justification

Description:

Mandatory collection of HESC information for grants began in FY2002, changes were implemented with IMPAC II systems to track this mandate until recently. NIH/FMB has now taken over the responsibility of tracking this information. Dr. Ruiz-Bravo, Dr. Baldwin Wong (Head of HESC Task force), and Dr. Walter Schaffer have requested the removal of the ability to query any HESC information from IMPACII immediately. In order to complete this request quickly the applications will not be altered, because an alternate route has been identified. Create tables to contain all stem cell information in case we need to recover it, alter the default definition on the STEM_CELLS_USED_CODE in APPLS_T, and alter the check constraint on the column to only allow the letter 'X' into the column STEM_CELLS_USED_CODE.

Justification:

NIH/FMB has now taken over the responsibility of tracking this information. Dr. Ruiz-Bravo, Dr. Baldwin Wong (Head of HESC Task force), and Dr. Walter Schaffer have requested the removal of the ability to query any HESC information from IMPACII immediately.

6. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	0	
Development	0	
Integration Test		
Acceptance Test		
Operation	10	Melissa Hirsch

Overall Impact Assessment

With the proposed solution, all the screens within eRA applications will continue to operate the same prior to the solution implementation. Currently the HESC information is kept in separate tables and the screens are driven by the tables and constraint definitions, so minimal impact will be on the applications.

4. Associated Defects

Defect Id	Defect Headline
5.	Associated Sub Tasks
Task Id	Task Headline
6.	Associated Issues
Issue Id	Issue Headline

CQERA00019806

1. Summary

Task Id:	CQERA00019806
Submitted to CCB by:	Michael Martin
Date Submitted To CCB:	2004-07-27 00:00:00
Request Description (Task Headline):	Extension eligible defect
Severity:	
System:	IMPAC II
SubSystem:	GM
Recommended Timeframe (Target Test Deploy Date):	
CCB Approval Counts:	0
CCB Decision:	CCB Approved

Notes:

A defect in the Grants Management system does not allow Commons users to automatically extend grants that are eligible for a one-time extension of the final budget period. Users call the Helpdesk to have it reset manually. This task is to correct the 'extension eligible flag' that is not set up properly in the system, affecting grants awarded since March of this year. Michael Martin stated that this change needs to be made as soon as possible. CCB acting chair Jim Tucker stated that it is critical to get this task done in August

2. Description and Justification

Description:

CQ ticket 15178 (see text below) was implemented incorrectly and the result is that the extension eligible flag is being set to 'N' for all grants awarded since March of this year. The Post WIP process looks for anything with no initial encumbrance date to determine if a grant is eligible for extension, but since the initial encumbrance date is set prior to reaching extension eligible flag logic, it never finds any that should be set to 'Y'.

CQ ticket 15178:

"At the time of the initial award for every grant, the post wip process should identify whether the grant is eligible for a one-time extension and set the EXTENSION_ELIGIBLE_FLAG in APPLS according to the following logic:

- all fellowships will be set to 'N'
- if budget period end date and project end date match, set flag to ?Y?
- if budget period end date and project period end date do not match, set flag to ?N?

The flag will not be reset for revised awards."

Justification:

Until this bug is fixed, Commons users will be unable to submit No-Cost Extensions (NCEs) without first contacting someone at NIH to change the extension eligible status of the grant. This is particularly burdensome for the Helpdesk who have to field all of the phone calls. Since this is a server side fix it will not affect the Kumaran conversion, the award process (ATRS) simply calls the post WIP procedure, which is where the change will be made. This is requested as an out of cycle fix in order to get it into production as soon as possible.

7. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	2	Michael Martin
Development	20	Loc Vu
Integration Test	8	Monica Williams
Acceptance Test	4	Sylvia Dutcher
Operation		

Overall Impact Assessment

Commons will be unable to submit any NCEs until this is fixed, and the Jim Tucker's group will have to sweep initial awards regularly until this is fixed.

4. Associated Defects

Defect Id	Defect Headline
CQERA00015178	GM Post WIP Change

5. Associated Sub Tasks

Task Id	Task Headline
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6. Associated Issues

Issue Id	Issue Headline
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CQERA00019811

1. Summary

Task Id: CQERA00019811
Submitted to CCB by: Sophonia Simms
Date Submitted To CCB: 2004-07-28 00:00:00
Request Description (Task Headline): CM Maintenance - FOP Updates
Severity:
System: IMPAC II
SubSystem: CM
Recommended Timeframe (Target Test Deploy Date):
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

This task is to correct two defects in the Committee Management System in IMPAC II that generate financial reports for NIH Committee Management Offices that are required annually. The reports do not include committees that have been terminated; a second defect is that if users do not specify a certain committee, a wildcard feature may incorrectly show data for an unrelated committee. Sophonia Simms stated that she would like to have the changes incorporated by mid-August to give time to the Committee Management offices to produce their annual financial operating plan. David Wright expressed some concern on the number of requests his team is getting to have tasks completed in August and added that they may have to pick and choose their tasks. CCB acting chair Jim Tucker stated that this request is approved but may be adjusted once he gets feedback from Suryarao Tipparaju on the pending tasks in the pipeline and the schedule.

2. Description and Justification

Description:

The Financial Operating Plan must be produced for FY 2004. Minor enhancements are needed in CM 6230 (Requested Dollars Report).

1. The report needs to include committees that are terminated, i.e., agency committee actions code = 07.
2. The report does not need the wildcard feature, for example, entering PB runs for all committees beginning with PB. The report should just run for the specific committee entered.

Justification:

Each year NIH Committee Management Offices are required to produce the Financial Operating Plan (FOP). The FOP captures all financial information for all NIH advisory committees and is used as input to the President's Annual Report. The information provided includes committee activities for the FY, list of members, and all associated costs. Other reporting data is used as input for the FOP. One such report is the Requested Dollars Report. There are currently 2 deficiencies in this report which impact the production of the FOP. First, the report currently does not include costs associated with terminated committees. Secondly, the report includes a wildcard feature which may incorrectly show data for an unrelated committee.

8. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	0	
Development	24	Sadiya Bilgrami
Integration Test	0	
Acceptance Test	0	
Operation	0	

Overall Impact Assessment

The deficiencies outlined in the justification need to be eliminated in order to facilitate generation of the FOP. CSR, for example, has over 275 committees. The Requested Dollars Report is, therefore, a vital management tool used in the timely production of the FOP.

4. Associated Defects

Defect Id	Defect Headline
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5. Associated Sub Tasks

Task Id	Task Headline
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6. Associated Issues

Issue Id	Issue Headline
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CQERA00019837

1. Summary

Task Id: CQERA00019837
Submitted to CCB by: Jennifer Flach
Date Submitted To CCB: 2004-07-27 00:00:00
Request Description (Task Headline): CGAP 1.2.3 iteration 2
Severity:
System: CGAP
SubSystem: CGAP
Recommended Timeframe (Target Test Deploy Date): 2004-08-15 00:00:00
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

Jennifer Flach stated that this task involved a couple of clean-ups from the July CGAP pilot. The task is small, involving 40 hours of development time.

2. Description and Justification

Description:

Bug fixes (and minor enhancements) to 1.2.2 and 1.2.3

Justification:

Bug fixes to 1.2.2 and 1.2.3 found during June/July pilot

9. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis	na	
Development	40	
Integration Test	need LOE	
Acceptance Test	NA	
Operation	need LOE	

Overall Impact Assessment

minimal

4. Associated Defects

Defect Id	Defect Headline
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CQERA00018585	XML Schema and code changes for DUNS ID with characters
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CQERA00018938	CQ18391-Data sharingPlan-Unable to read the attachment
CQERA00019027	Typo in a Message ID 20849's Text
CQERA00019083	unmarshal exception
CQERA00019302	Misleading error when SP submits invalid DUNS
CQERA00019324	Creating the appl type code for a revision

5. Associated Sub Tasks

Task Id	Task Headline
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6. Associated Issues

Issue Id	Issue Headline
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CQERA00019839

1. Summary

Task Id:	CQERA00019839
Submitted to CCB by:	Richard Ashley
Date Submitted To CCB:	2004-07-27 00:00:00
Request Description (Task Headline):	Change to timeframe for monthly scheduled maintenance downtime window
Severity:	
System:	Other
SubSystem:	Contract Data
Recommended Timeframe (Target Test Deploy Date):	
CCB Approval Counts:	0
CCB Decision:	CCB Approved

Notes:

Monthly maintenance on the Contract Data system requires a shutdown of the system from 10 p.m. to 6 a.m. on the second Saturday of every month. This request is to shut down the system four hours earlier at 6 p.m. so that engineers are not tired and no mistakes are made. The group agreed that this was a reasonable request but that if need be, engineers should accommodate requests to shut it down later. One member noted that the system is used by researchers who often work late on weekends or access the system from the West Coast; they are not too happy about the current 10 p.m. to 6 a.m. shutdown.

2. Description and Justification

Description:

Currently, there is a window for performing operational maintenance tasks that require production downtime. This window starts on the second Saturday of every month at 10PM and runs until 6AM Sunday morning. This CCB is to request that the standard window be adjusted to begin at 6PM. This window has always been somewhat negotiable anyway, depending on the nature and importance of the operation task, and the needs of the user community at that time. This request is to change the default window which requires simply an announcement without negotiation. If approved, the next maintenance window would begin on August 14 at 6 PM.

Justification:

Starting a production downtime at 10PM entails certain risks. There is the risk that tired engineers will make mistakes. There is the risk that there are problems with the activity and in the early morning hours the engineers are too tired to successfully complete or revert back to the old environment and extended production downtime ensues. And of course there is the personal inconvenience that is being imposed on the engineers themselves.

10. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis		
Development		
Integration Test		
Acceptance Test		
Operation		

Overall Impact Assessment

The impact must be assessed from within the user support group.

4. Associated Defects

Defect Id	Defect Headline
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5. Associated Sub Tasks

Task Id	Task Headline
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6. Associated Issues

Issue Id	Issue Headline
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CQERA00019844

1. Summary

Task Id: CQERA00019844
Submitted to CCB by: Richard Ashley
Date Submitted To CCB: 2004-07-27 00:00:00
Request Description (Task Headline): Change database ports
Severity:
System: Other
SubSystem: Information Management
Recommended Timeframe (Target Test Deploy Date):
CCB Approval Counts: 0
CCB Decision: CCB Approved

Notes:

This task is to change database ports to standard ones mandated by NIH, which has moved toward a closed firewall policy. The change is needed to allow outside users to continue to access eRA/IMPAC II applications. Web-based applications that use non-standard ports will be moved behind the BIG IP load balancer that will then redirect users to the right ports. Richard Ashley stated that this task was mandated by NIH and had to be done. Steve Hughes and Kalpesh Patel stated that it would be best to wait until October to make this change since usage of the eRA system is going to be heavy in September. Outside agencies need to be notified of this change. The group granted preliminary approval to the request with the stipulation that it not be implemented before October.

2. Description and Justification

Description:

NIH has moved toward a closed firewall policy. They have defined standard ports for applications such as Oracle databases (ports 1521-1529) that our applications currently do not use. We must change the ports for our applications if we wish to grant access to outside organizations. This must be completed in short period of time as CIT will remove the Legacy Firewall Group which currently allows these outside organizations access to eRA/IMPAC II. Once this rule is turned off, outside organizations will not have access to our applications. An outside organization is defined as outside NIH network, and access is defined as client/server applications as well as direct SQL*plus access to production (IMPPRD) and IRDB. Web based applications (forms) which use non-standard ports will be addressed by moving applications behind Big-IP. This allows us to force users to use standard ports and have Big-IP automatically redirect to the appropriate ports without reconfiguring, thereby reducing the overall risks.

Justification:

NIH has moved toward a closed firewall policy. They have defined standard ports for applications such as Oracle databases (ports 1521-1529) that our applications currently do not use. We must change the ports for our applications if we wish to grant access to outside organizations. This must be completed in short period of time as CIT will remove the Legacy Firewall Group which currently allows these outside organizations access to eRA/IMPAC II. Once this rule is turned off, outside organizations will not have access to our applications. An outside organization is defined as outside NIH network, and access is defined as client/server applications as well as direct SQL*plus access to production (IMPPRD) and IRDB. Web-based applications (forms) which use non-standard ports will be addressed by moving applications behind Big-IP. This allows us to force users to use standard ports and have Big-IP automatically redirect to the appropriate ports without reconfiguring, thereby reducing the overall risks.

11. Level of Effort

Impacted Group	LOE Time	Accessor
Analysis		
Development		
Integration Test		
Acceptance Test		
Operation		

Overall Impact Assessment

Due to the impact of changing ports, we will proceed with changing first in training. The decision to change the training instance first was due to the fact that this will not disrupt development activities. Training is the most representative of the production environment will allow Operations to control this port change more efficiently. The changes will be propagated into Production (and other environments) as needed. Tentatively we would like to change production during the next maintenance window (Aug 14th). The plans to execute the changes are included as attachments to the CQ ticket referenced above.

4. Associated Defects

Defect Id	Defect Headline
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5. Associated Sub Tasks

Task Id	Task Headline
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6. Associated Issues

Issue Id	Issue Headline
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