

Company Name:

IBM

Application Hosting Supported

Software	Supported	Licensing Available	Comments
ColdFusion			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
GlassFish			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Hibernate			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
JBOSS App Server and Suite			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Matlab			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Media Wiki			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle Application Server and BPM Middleware			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Silverlight			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Sun SMQ			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Tuxedo			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
WebLogic			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
WordPress			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.

Company Name:	IBM
Definition of Core:	2GHZ

Standard	Contractor Configuration	
	Cores (#)	RAM (GB)
Extra Small	1	2
Small	2	4
Medium	4	8
Large	8	16
Extra Large	16	16

High Memory		
Extra Small	1	4
Small	2	8
Medium	4	16
Large	8	32
Extra Large	16	64

High Compute		
Medium	4	2
Large	8	4
Extra Large	16	8

High Compute Cluster		
Large	32	32
Extra Large	64	64

Custom		
(Task Order Defined)		

Company Name:

IBM

Database Supported

Software	Supported	Licensing Available	Comments
Informix	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
MS SQL Express	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
MS SQL Server (2005, 2008, 2010, 2012)	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
MySQL	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Oracle 10g	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Oracle 11g	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Oracle 8a	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
PostGIS	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
PostgreSQL	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
SQLite	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Sybase IQ	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well

Company Name:

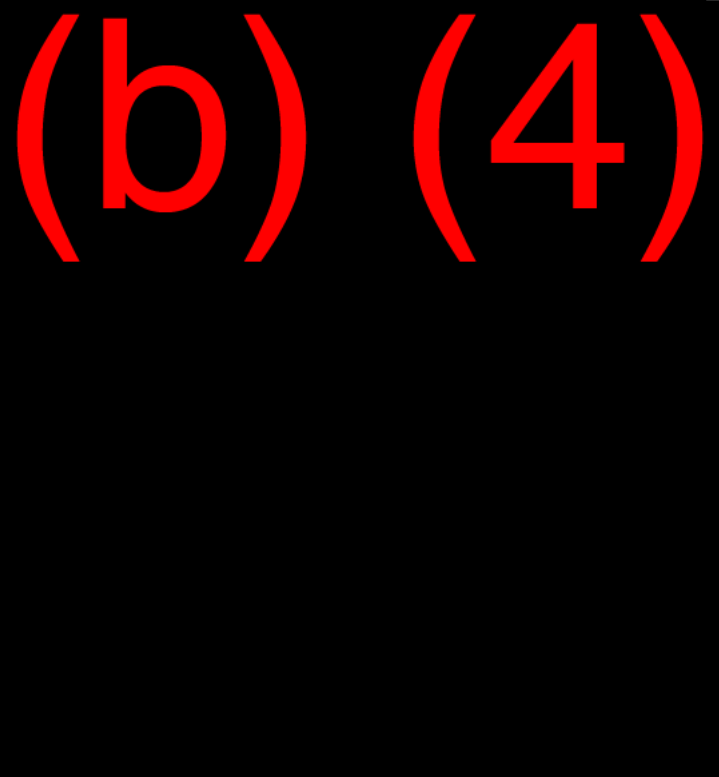
IBM

**DOI Legacy Metering and Reporting Software
 Supported Template**

Software	Supported	Licensing Available	Comments
Actuate	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
AWStats	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Crystal Reports	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Fiddler	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
GroundWork	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Hyperion SQR Production Reporting	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
IBM Applications Service Center	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
JasperReports Server	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Microsoft Systems Center Operations Manager (MS SCOM)	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
NAGIOS	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
SmarterStats	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Splunk	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Windows Log Parser	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well

Company Name

IBM

Section	From	To	Minimum Requirements
C.6.1.4.2.1	Compute Host Instance (Vendor Data Center A)	Compute Host Instance (Vendor Data Center A)	
C.6.1.4.2.2	Compute Host Instance (Vendor Data Center A)	Compute Host Instance (Vendor Data Center B)	
C.6.1.4.2.3	Vendor Data Center	DOI Intranet (measured at the DOI Trusted Internet Connection point of entry)	
C.6.1.4.2.4	Compute Host Instance, Vendor Data Center	Internet	
C.6.1.4.2.5	Vendor Data Center	DOI Customers (LAN-to-LAN VPN and dedicated circuits)	

Attachment 18 - Operating Systems Licensing and Support

Operating System License Descriptions and Ranges of Version/Release Support

IBM			Supported		Provided		1
			Range of Versions/Releases		Range of Versions/Releases		
OS ID	Operating System		From	To	From	To	
OS0001	Microsoft Windows	Enterprise Server	2003	2008	2003	2008	1,2
OS0002	LINUX	Centos	5.7	6	5.7	6	1
OS0003	LINUX	Red Hat	5	6	5	6	1
OS0004	LINUX	Ubuntu	6	6	6	6	1
OS0005	LINUX	Enterprise	10	12	10	12	1
OS0006	LINUX	Scientific	6	6	6	6	
OS0007	Sun Solaris	for Intel	Do Not Support		Do not Provide		
OS0008	Sun Solaris	for SPARC	Do Not Support		Do not Provide		
OS0009	IBM	AIX	6	7.1	7.1	7.1	
OS0010	HP	HPUX	Do Not Support		Do not Provide		
OS0011							
OS0012							
OS0013							
OS0014							
OS0015							
OS0016							

Notes:

- | | |
|---|--|
| 1 | Support included for current DOI standards in addition to the latest versions of LINUX and Microsoft Windows operating systems. Support will be updated as new version are released. |
| 2 | Micrsoft Windows 2003 Licensing is Bring Your Own, no longer offered by Microsoft. |
| | |
| | |



Company Name:

IBM

Other Middleware Supported

Software	Supported	Licensing Available	Comments
Adlassian Jira	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Adobe Pro	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
ArborText	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Citrix XenApp	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Citrix XenDesktop	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Citrix XenServer	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Common Spot	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
CommVault	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Documentum	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Eclipse Plug-ins	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Entellitrak	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Hydra	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
IBM FileNet	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Microsoft Dynamix CRM 2011	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Net Backup	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Networker	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Oracle ADF	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Prolifics	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
PureDisk	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
SharePoint	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Software AG/Entirex DCOM (Communicator, XML Mediator, Adapters)	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
SQL Forms	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Web Center Content	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
XML DataPower	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well

Company Name:

IBM

Scripting and Programming

Software	Supported	Licensing Available	Comments
.NET	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
ASP net	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Flex Action Script	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
ISAPI	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Java	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Java Script	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Jscript	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Node.js	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
4GL	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Perl	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
PHP	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Python	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
RScript	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Ruby on Rails	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
UNIX Scripting	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well

Attachment 16 Requirements Traceability Matrix

Company Name IBM

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.1	(Information)				
C.2	(Information)				
C.2.2	Initial Technical Service Lines				
C.2.2.1	Storage Services				
C.2.2.2	Secure File Transfer Services				
C.2.2.3	Virtual Machine Services				
C.2.2.4	Database Hosting Services				
C.2.2.5	Web Hosting Services				
C.2.2.6	Development and Test Environment Hosting Services				
C.2.2.7	SAP Application Hosting Services				
C.3	(Information)				
C.4	(Information)				
C.5	Establish and Meet Enterprise-Wide Requirements				
C.5.1	Comply with Essential Cloud Service Requirements				
C.5.1.1	On-Demand Self Service	Meets	4-66	4.b.1	(b) (4)
C.5.1.2	Ubiquitous Network Access	Meets	4-67	4.b.1	
C.5.1.3	Location Independent Resource Pooling	Meets	4-67	4.b.1	
C.5.1.4	Rapid Elasticity	Meets	4-67	4.b.1	
C.5.1.5	Measured Services	Meets	4-67	4.b.1	
C.5.2	Manage Service Delivery and Maintain Business Relationships and Interconnections				
C.5.2.1	Provide Browser-Based Management Functionality				
C.5.2.1.1	Define User Roles and Support User Authorization Workflows	Meets	4-67; 1-34	4.b.1; 1.3.1	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.5.2.1.2	Provision, Configure and De-Provision (Release) Resources	Meets	4-67	4.b.1	(b) (4)
C.5.2.1.3	Monitor Performance and Manager Alerts and Reporting	Meets	4-67; 1-35	4.b.1; 1.3.2	
C.5.2.1.4	Monitor Resource Usage/Utilization and Provide Cost Metering and Cost Controls	Meets	4-67; 1-38	4.b.1; 1.3.3	
C.5.2.1.5	Manage Open and Resolved Incidents and Service Requests.	Meets	4-32; 1-38	4.a.2.1.6; 1.3.4	
C.5.2.2	Support DOI System Interfaces	Meets	4-67	4.b.1	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.5.2.3	Implement Transparent and Effective Performance Management	Meets	4-67; 1-47	4.b.1; 1.3.6	(b) (4)
C.5.2.4	Implement Efficient, Effective and Formal Governance	Meets	4-38; 4-27; 1-34; 1-38	4.a.3; 4.a.2; 1.3.1; 1.3.4	
C.5.2.5	Protect Intellectual Property Rights	Meets	4-78	4.b.2	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.5.2.6	Prohibit and Actively Prevent Adware, SPAM and Remarketing of DOI Information	Meets	4-68	4.b.1	(b) (4)
C.5.3	Establish and Maintain Security and Privacy	Meets	4-81	4.c.1	
C.5.3.1	Comply with FedRAMP and DOI Information Security and Privacy Requirements	Meets	4-81	4.c.1	
	a. DOI Security Control Standards	Meets	4-81	4.c.1	
	b. DOI Cloud Hosting Services IT Security and Privacy Requirements	Meets	4-81	4.c.1	
	c. DOI Privacy Loss Mitigation Strategy (PLMS)	Meets	4-81	4.c.1	
	d. Additional IT Security Information	Meets	4-81	4.c.1	
C.5.3.2	Provide User Authentication and Secure Connections	Meets	4-82	4.c.1	
C.5.3.3	Comply with Security Assurance Requirements	Meets	4-89; 1-52	4.c.2; 1.3.7	
	Provide Security Assessment Plan	Meets	4-89	4.c.2	
	Provide Security Assessment Report	Meets	4-89	4.c.2	
C.5.3.4	Complete Third Party Assessment of Security Controls and Mitigate Weaknesses	Meets	4-89; 1-52	4.c.2; 1.3.8	
J. Attachment 5	Provide Bidder's Security Questionnaire		2-1	2	
C.5.3.4.1	Implement and Maintain Access Controls	Meets	4-82	4.c.1	
C.5.3.4.2	Implement and Maintain Awareness and Training Controls	Meets	4-82	4.c.1	
C.5.3.4.3	Implement and Maintain Audit and Accountability Controls	Meets	4-82	4.c.1	
C.5.3.4.4	Implement and Maintain Security Assessment and Authorization Controls	Meets	4-82	4.c.1	
C.5.3.4.5	Implement and Maintain Configuration Management Controls	Meets	4-82	4.c.1	

(b) (4)

Solicitation Reference		Offer Reference				
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description	
C.5.3.4.6	Implement and Maintain Contingency Planning Controls	Meets	4-82	4.c.1	(b) (4)	
C.5.3.4.7	Implement and Maintain Identification and Authorization Controls	Meets	4-82	4.c.1		
C.5.3.4.8	Implement and Maintain Incident Response Controls	Meets	4-82	4.c.1		
C.5.3.4.9	Implement and Maintain Maintenance Controls	Meets	4-82	4.c.1		
C.5.3.4.10	Implement and Maintain Media Protection Controls	Meets	4-82	4.c.1		
C.5.3.4.11	Implement and Maintain Physical and Environmental Protection Controls	Meets	4-82	4.c.1		
C.5.3.4.12	Implement and Maintain Planning Controls	Meets	4-82	4.c.1		
C.5.3.4.13	Implement and Maintain Personnel Security Controls	Meets	4-82	4.c.1		
C.5.3.4.14	Implement and Maintain Risk Assessment Controls	Meets	4-82	4.c.1		
C.5.3.4.15	Implement and Maintain System and Services Acquisition Controls	Meets	4-82	4.c.1		
C.5.3.4.16	Implement and Maintain System and Communication Protection Controls	Meets	4-82	4.c.1		
C.5.3.4.17	Implement and Maintain System and Information Integrity Controls	Meets	4-82	4.c.1		
C.5.4	Ensure Portability of IT Systems and Facilitate Migration between System Providers	Meets	4-1	4.a.1		
C.6	Establish and Meet Resource Requirements					
C.6.1	Provide Basic Resources	Meets	4-68	4.b.1		(b) (4)

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.1.1	Provide and Support Operating System Resource Requirements	Meets	4-68	4.b.1	(b) (4)
	Current	Meets	4-68	4.b.1	
	Future	Meets	4-68	4.b.1	
C.6.1.2	Provide and Support Compute-Host Resources	Meets	4-68	4.b.1	
	Contractor Proposed Configurations meet or exceed Minimum Configuration Requirements	Meets	4-68	4.b.1	
C.6.1.3	Provide and Support Storage Resources	Meets	4-68	4.b.1	
C.6.1.3.1	Identify and Provide Access to Storage API's	Meets	4-68	4.b.1	
C.6.1.3.2	Support Storage for Both Files and Data Objects	Meets	4-68	4.b.1	
C.6.1.3.3	Support Standard Storage Operations	Meets	4-69	4.b.1	
C.6.1.3.4	Support Storage Resource Classes	Meets	4-34	4.a.2.1 8	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.1.3.5	Support Data Migration Across Storage Classes	Meets	4-34	4.a.2.1.8	(b) (4)
	Web-Based Interface	Does not Meet			
	Open Source API Interface	Does not Meet			
C.6.1.3.6	Support Alternative Backup Solutions	Meets	4-33	4.a.2.1.7	
	DOI designed/managed solution	Meets	4-33	4.a.2.1.7	
	Contractor provide solution	Meets	4-33	4.a.2.1.7	
	Comply with Security and Privacy Requirements	Meets	4-33	4.a.2.1.7	
	Available at both OnSite and Offsite locations	Meets	4-33	4.a.2.1.7	
	Web Management Functionality	Does not Meet			
	a. Ability to configure backup schedule	Does not Meet			
	b. Ability to restore files and images from backup	Does not Meet			
	c. Ability to configure retention period and automatic deletions of old files	Does not Meet			
	d. Ability for government to specify the level of redundancy required	Does not Meet			
	e. A scripting interface	Does not Meet			
C.6.1.3.7	Support Secure Transfer of Physical Media	Meets	4-69	4.b.1	
	Secure Chain of Custody	Meets	4-69	4.b.1	
	Flexibility in Courier Pick-up and Delivery Times	Meets	4-69	4.b.1	
C.6.1.4	Provide Transport Resources and Support Interconnections	Meets	4-69	4.b.1	
C.6.1.4.1	Comply with General Transport Requirements	Meets	4-69	4.b.1	
	Calculate bandwidth using 95th percentile method with minimum sample times of five minutes	Meets	4-69	4.b.1	
C.6.1.4.2	Comply With Interconnection Configurations and Requirements				

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.1.4.2.1	Between Compute Host Instances (Same Data Center)	Meets	4-69	4.b.1	(b) (4)
C.6.1.4.2.2	Between Compute Host Instances (Different Contractor Data Centers)	Meets	4-69	4.b.1	
C.6.1.4.2.3	Between Compute-Host at Contractor Data Center and DOI TIC	Meets	4-69	4.b.1	
C.6.1.4.2.4	Between Compute-Host at Contractor Data Center and the Internet	Meets	4-69	4.b.1	
C.6.1.4.2.5	Between Compute-Host at Contractor Data Center to DOI Customers via Direct Connections	Meets	4-69	4.b.1	
C.6.2	Provide Aggregated Resources and Enabling Services				
C.6.2.1	Provide Aggregated Resource Services	Meets	4-69	4.b.1	
C.6.2.1.1	Provide Secure File Transfer Resources	Meets	4-25	4.a.1.10	
C.6.2.1.2	Provide Virtual Machine Resources	Meets	4-70	4.b.1	
	Scalable, redundant, dynamic capabilities or virtual machines	Meets	4-70	4.b.1	
	Allow Government users to procure and provision computing services on-line via the Internet	Meets	4-70	4.b.1	
	Allow users to remotely load applications and data via the Internet	Meets	4-70	4.b.1	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Configuration and Management via Web Browser, over the Internet.	Meets	4-70	4.b.1	(b) (4)
	Government Retains Ownership	Meets	4-70	4.b.1	
	Spawn on-Demand Instances	Meets	4-70	4.b.1	
	Support Acceptable Secure Administration Interface	Meets	4-70	4.b.1	
	Dynamic Allocation based upon load, without service interruption	Meets	4-70	4.b.1	
	Copy/Clone	Meets	4-70	4.b.1	
	Multi-processor Virtual Machines	Meets	4-70	4.b.1	
	Support Processor Isolation	Meets	4-70	4.b.1	
	Supports live migration between physical hosts	Meets	4-70	4.b.1	
	Role-Based access controls and Auditing for Hypervisor	Meets	4-70	4.b.1	
	Hypervisor supports hardware-assisted memory virtualization	Meets	4-70	4.b.1	
C.6.2.1.3	Provide Database Hosting Resources	Meets	4-70	4.b.1	
	Supports Current Range of Software	Meets	4-70	4.b.1	
C.6.2.1.4	Provide Web Hosting Resources	Meets	4-70	4.b.1	
	Supports Current Range of Software	Meets	4-70	4.b.1	
C.6.2.1.5	Provide Development and Test Environment	Meets	4-70	4.b.1	
	Support Range of Technical Service Lines, and range of instances for each (e.g. 0-100)	Meets	4-70	4.b.1	
	Accommodate custom roles and authorizations	Meets	4-70	4.b.1	
C.6.2.1.6	Provide Application Hosting	Meets	4-71	4.b.1	
	Supports Current Range of Software	Meets	4-71	4.b.1	
C.6.2.2	Provide Enabling Services				

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.2.2.1	Support Bulk Data Transfer and Provide Competitive Volume Discounts	Meets	4-71	4.b.1	(b) (4)
	a. Loading data from physical media	Meets	4-71	4.b.1	
	b. Transferring data in/out over the Internet	Meets	4-71	4.b.1	
	c. Transferring Data in/out o to the DOI intranet	Meets	4-71	4.b.1	
	d. Trasferring data in/out via dedicated circuits (including VPN)	Meets	4-71	4.b.1	
	One-Time, Free of Charge, Bulk Transfer of all data stored in Contract environment upon termination of Task Orders.	Meets	4-71	4.b.1	
C.6.2.2.2	Provide Operating System Services				
	Contractor will provide	Meets	4-71	4.b.1	
	Contractor will permit DOI to provide at DOI option	Meets	4-71	4.b.1	
	Configure Operating System	Meets	4-71	4.b.1	
	Troubleshoot Operating System Problems	Meets	4-71	4.b.1	
C.6.2.2.3	Provide Licensing and Installation Services	Meets	4-71	4.b.1	
C.6.2.2.4	Provide Patching and Version Control Services	Meets	4-71	4.b.1	
	Commit to defined patching schedule and process	Meets	4-71	4.b.1	
	DOI Receive > 1 week Advance Notice	Meets	4-71	4.b.1	
	DOI right to delay or deny implementation	Meets	4-71	4.b.1	
	Contractor comply with change controls processes and authorities for change	Meets	4-71	4.b.1	
C.6.2.2.5	Provide Disaster Recovery Services				
	Support to design, implement and Manage the Disaster Recovery Solution	Meets	1-52	1.3.8	
	Provide Web-Based capability for configuring Disaster Recovery Options	Does not Meet			
	Supports DOI defining set of mission critical data and snapshots	Meets	1-52	1.3.8	
	Provides all service required to execute failover	Meets	1-52	1.3.8	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.2.2.6	Supports one or More Solutions for Middleware Licensing	Meets	4-71	4.b.1	(b) (4)
A and/or	Contractor Provided Support for Current (and/or)	Meets	4-71	4.b.1	
B and/or	Contractor Proposed Migration and Standard	Meets	4-71	4.b.1	
C and/or	DOI Provided	Meets	4-72	4.b.1	
C.6.2.2.7	Provides Hosting for DOI Legacy Metering and Reporting Software	Meets	4-72; 3-8	4.b.1; 3.2.a.viii	
	Supports Current Range of Software	Meets	4-72	4.b.1	
C.6.2.2.8	Provides Hosting for Other Middleware	Meets	4-72	4.b.1	
	Supports Current Range of Software	Meets	4-72	4.b.1	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.2.2.9	Provides Hosting for Scripting and Programming Environments	Meets	4-72	4.b.1	(b) (4)
	Supports Current Range of Software	Meets	4-72	4.b.1	
C.6.2.2.10	Provide or Support Virtual Application and Virtual Desktop Resources	Meets	4-72	4.b.1	
and/or	Provides	Meets	4-72	4.b.1	
	Supports	Meets	4-72	4.b.1	
C.7	Establish and Meet Portfolio of Service Level Requirements				
C.7.1	Optimize End-to-End Performance	Meets	4-36	4.a.2.1.11	
C.7.1.1	Manage Latency between Hosted Applications and End Users	Meets	4-36	4.a.2.1.11	
C.7.1.2	Adapt of Demand Fluctuations to Maintain Service Levels	Meets	4-36	4.a.2.1.11	
C.7.1.3	Streamline and/or Automate Resource Scaling				

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Tiers of Service, Template Capability and Scaling sequence definition or acceptable alternative	Meets	4-73	4.b.1	(b) (4)
	* Compute-Host: Processor	Meets	4-73	4.b.1	
	* Compute-Host: Memory	Meets	4-73	4.b.1	
	* Storage	Meets	4-73	4.b.1	
	* Transport: Bandwidth	Meets	4-73	4.b.1	
	Restrict to DOI approved tiers and templates in the provisioning portal	Meets	4-73	4.b.1	
	User defined scaling sequence and triggers	Meets	4-73	4.b.1	
C.7.2	Meet Software and Licensing Support Service Level Requirements				
C.7.2.1	Meet Operating System Services Service Level Requirements	Meets	4-35	4.a.2.1.10	
	Contractor Proposed guaranteed minimum performance level	Meets	4-35	4.a.2.1.10	
C.7.2.2	Meet Licensing and Installation Services Service Level Requirements	Meets	4-35	4.a.2.1.10	
	Contractor Proposed guaranteed minimum performance level	Meets	4-35	4.a.2.1.10	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.2.3	Meet Patching and Version Control Service Service Level Requirements	Meets	4-35	4.a.2.1.10	(b) (4)
	Contractor Proposed guaranteed minimum performance level	Meets	4-35	4.a.2.1.10	
C.7.3	Meet Uptime and Availability Requirements	Meets	4-30; 3-12	4.a.2.1.4; 3.2.b.i	
	Meet Minimum Acceptable Performance Level: 95% Uptime with no more than 36 hours/calendar month of planned downtime.	Meets	4-30	4.a.2.1.4	
	Contractor Recommended Incentives and Disincentives	Meets	4-30	4.a.2.1.4	
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Meets	4-30; 3-12	4.a.2.1.4; 3.2.b.i	
C.7.4	Meet Disaster Recovery Services Service Levels	Meets	4-30; 1-69; 3-12	4.a.2.1.4; 1.3.9; 3.2.b.i	
	Contractor Provided Draft Disaster Recovery Plan	Meets	4-30	4.a.2.1.4	
C.7.4.1	Meet Recovery Time Objectives (RTO)	Meets	4-30	4.a.2.1.4	
	Contractor Proposed from one (1) to five (5) service bands that meet DOI minimum requirements	Meets	4-30; 3-12	4.a.2.1.4 3.2.b.ii	
	Minimum Acceptable Performance: 7 Days	Meets	4-30	4.a.2.1.4	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.4.2	Meet Recovery Point Objectives (RPO)	Meets	4-33; 3-13	4.a.2.1.7; 3.2.b.iii	(b) (4)
	Contractor Proposed from one (1) to five (5) service bands that meet DOI minimum requirements	Meets	4-34; 3-13	4.a.2.1.7; 3.2.b.iii	
	Minimum Acceptable Performance: 7 Days	Meets	4-34	4.a.2.1.7	
C.7.5	Meet Backup Service Levels				
C.7.5.1	Comply with Backup Frequency Requirements	Meets	4-34	4.a.2.1.7	
	Provide means DOI authorized technical user to configuring backup and archiving frequency on authorized user defined schedule.	Meets	4-34	4.a.2.1.7	
	Schedule Supports Required Frequencies: Daily, Weekly, Monthly, Yearly.	Meets	4-34	4.a.2.1.7	
	Provide means for DOI authorized technical user to select from approved Mean-Time-to-Restore.	Meets	4-34	4.a.2.1.7	
	Provides means for DOI authorized technical user to select approved Retention Periods.	Meets	4-34	4.a.2.1.7	
C.7.5.2	Meet Mean Time to Restore Requirements	Meets	4-34; 3-13	4.a.2.1.7; 3.2.b.iv	
	Minimum Acceptable Performance Level: 72 Hours	Meets	4-34	4.a.2.1.7	
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Meets	4-34; 3-13	4.a.2.1.7; 3.2.b.iv	
C.7.5.3	Comply with Data Retention Policies	Meets	4-34	4.a.2.1.8	
	Retention period duration before automatic deletion	Meets	4-35	4.a.2.1.8	
C.7.6	Document and Meet Provisioning Service Level Requirements	Meets	4-31	4.a.2.1.5	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.6.1	Meet Compute Host and Operations System Provisioning Service Level Requirements	Meets	4-31	4.a.2.1.5	(b) (4)
	Provide means for several tiers of service for the speed in which a hosted system can respond to changes in demand (either manually or automatically)	Meets	4-31; 3-14	4.a.2.1.5; 3.2.b.v	
	Provide means in all cases where resources shall be brought online and available for use within the specified time (either manually or automatically)	Meets	4-31	4.a.2.1.5	
	Minimum Acceptable Performance Level: 24 Hours	Meets	4-31	4.a.2.1.5	
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Meets	4-31; 3-15	4.a.2.1.5; 3.2.b.v	
C.7.6.2	Meet Storage Provisioning Service Level Requirements	Meets	4-31; 3-14	4.a.2.1.5; 3.2.b.vi	
	Provide means to provision the storage both manually, and/or scale storage resources both manually and automatically	Meets	4-31	4.a.2.1.5	
	Minimum Acceptable Performance Level: 24 Hours	Meets	4-31; 3-14	4.a.2.1.5; 3.2.b.vi	
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Meets	4-31; 3-14	4.a.2.1.5; 3.2.b.vi	
C.7.7	Meet SAP Hosting Performance Requirements	Meets	4-36	4.a.2.1.12	
	Provide means for several tiers of service for SAP Hosting Services	Meets	4-36	4.a.2.1.12	
C.7.7.1	Meet SAP Computation Performance Requirements	Meets	4-36	4.a.2.1.12	
	Provide means for SAP configurations with scalable processing performance; scalable up and down to meet requirements	Meets	4-36	4.a.2.1.12	
	Performance requirements from 20,000 SAPS (or equivalent) up to and including 1,800,000 SAPS (or equivalent) or further as needs grow	Meets	4-36	4.a.2.1.12	
C.7.7.2	Meet SAP RAM Performance Requirements	Meets	4-37	4.a.2.1.12	
	Provide means for SAP configurations with scalable RAM availability; scalable up and down to meet requirements	Meets	4-37	4.a.2.1.12	
	Performance requirements from 800GB up to 13,000 GB or further as needs grow	Meets	4-37	4.a.2.1.12	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.7.3	Meet SAP Storage Performance Requirements	Meets	4-37	4.a.2.1.12	(b) (4)
	Provide means SAP configurations with scalable storage availability; scalable up and down to meet requirements	Meets	4-37	4.a.2.1.12	
	Performance requirements from 3 5TB up to 600TB or further as needs grow	Meets	4-37	4.a.2.1.12	
C.7.7.4	Meet Additional SAP Performance Metric Requirement	Meets	4-37	4.a.2.1.12	
C.7.8	Meet Middleware Management Service Level Requirements	Meets	4-35	4.a.2.1.9	
	Provide means for several tiers of management support for Database, Web Server, and Application Servers	Meets	4-35	4.a.2.1.9	
C.7.8.1	Meet Middleware Patching and Version Control Requirements	Meets	4-35; 3-10	4.a.2.9; 3.2.a.ix	
	Provide means to commit to a defined patching schedule and process	Meets	4-35	4.a.2.1.9	
	Provide means for the DOI test patches at least 1 week before they are rolled out to production systems	Meets	4-35	4.a.2.1.9	
	Provide means to ensure compatibility with the business system and to include fall back procedures	Meets	4-35	4.a.2.1.9	
	Provide means for coordination with the system owner prior to making changes on a weekly, monthly, quarterly, and yearly schedule	Meets	4-35	4.a.2.1.9	
C.7.8.2	Meet Additional Middleware Service Level Requirements	Meets	4-35	4.a.2.1.9	
C.7.9	Meet Secure File Transfer Service Levels	Meets	4-25	4.a.1.10	
C.7.10	Meet Virtual Desktop and Applications Service Levels	Meets	4-73	4.b.1	
C.7.11	Meet Customer and Program Support Service Levels	Meets	4-32	4.a.2.1.6	
	Provide means for several tiers of support services; to include both trouble ticket support and service management	Meets	4-32; 3-15; 3-15; 3-15	4.a.2.1.6; 3.2.b.vii; 3.2.b.viii; 3.2.b.ix	
	Provide means to ensure pre-defined service level metrics are met; (availability, time to response, time to resolve, and planned downtime) as identified within the severity level	Meets	4-32	4.a.2.1.6	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Provide means to describe an outage greater than 1-hour of unscheduled downtime, including root-cause and fix	Meets	4-32	4.a.2.1.6	(b) (4)
C.7.11.1	Meet Service Center Availability Service Levels	Meets	4-32	4.a.2.1.6	
	Provide means for reaching support or service personnel, during hours of availability for service or log a trouble ticket	Meets	4-32	4.a.2.1.6	
C.7.11.1.1	8x5 Single Time Zone	Meets	4-32	4.a.2.1.6	
C.7.11.1.2	8x5 CONUS	Meets	4-32	4.a.2.1.6	
C.7.11.1.3	8x5 CONUS + Alaska	Meets	4-32	4.a.2.1.6	
C.7.11.1.4	24x7x365/366	Meets	4-32	4.a.2.1.6	
C.7.11.1.5	Custom Work Hours, Custom Work Week, Selected Time Zone(s)	Meets	4-32	4.a.2.1.6	
C.7.11.1.6	Defined Season or Emergency/Incident Support	Meets	4-33	4.a.2.1.6	
C.7.11.2	Meet Service Level Time To Respond (Acknowledge) to Requests Service Levels	Meets	4-33; 3-15	4.a.2.1.6; 3.2.b.vii	
	Provide means for acknowledgement of the request and initial service center within the specified time to respond, within the tiers of services to include the severity and priority levels	Meets	4-33; 3-15	4.a.2.1.6; 3.2.b.vii	
C.7.11.3	Meet Mean-Time-To-Resolve Service Levels	Meets	4-33	4.a.2.1.6; 3.2.b.viii	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Provide means of commitment on the mean time to resolve all service and support issues to include the severity and priority levels	Meets	4-33; 3-15	4.a.2.1.6; 3.2.b.viii	(b) (4)
C.7.11.4	Minimize Planned Downtime and Maintenance Windows	Meets	4-30	4.a.2.1.4	
	Provide means for support services that accommodate several maintenance window maximums to include planned downtime	Meets	4-30; 3-15	4.a.2.1.4; 3.2.b.ix	
C.8	Optional Characteristics Requirements				
C.8.1	Support Resource Segregation Options	Meets	4-73	4.b.1	
	Provide means for several options for segregating resources; fully segregated; Federal government segregation, and Non-segregated	Meets	4-73	4.b.1	
C.8.2	Support Non-production environments	Meets	4-73	4.b.1	
	Provide means in order to define non-production environments (e.g., test, development, training, staging, sandbox) as customized copies of a production environment	Meets	4-73	4.b.1	
	Provide means for administrators to have the ability to adjust the non-production environment specifications	Meets	4-73	4.b.1	
	Provide means for non-production environments to access production storage or middleware instances, to include populating storage, both inside or outside, of the provider's environment	Meets	4-73	4.b.1	
	Provide the ability to restrict access to non-production environments to users or "domains"	Meets	4-73	4.b.1	
	Provide the ability to create and destroy non-production environments via web console	Meets	4-73	4.b.1	
C.8.3	Support Requirement to Manage Underlying Physical Resources	Meets	4-31	4.a.2.1.4	
C.8.4	Provide Content Delivery Network (CDN)	Does not Meet			
C.8.5	Support Unique Compliance Requirements	Meets	4-92; 4-86 4-88	4.c.5; 4.c.1.14; 4.c.1.15	
C.8.6	Support Alaska/Hawaii Regional Connectivity	Meets	4-36	4.a.2.1.11	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.8.7	Address Issues Related to Poor Connectivity	Meets	4-36	4.a.2.1.11	(b) (4)
C.8.8	Support or Provide Hardware Clustering	Meets	4-73	4.b.1	
C.8.9	Provide Load Balancing	Meets	4-73	4.b.1	
C.8.10	Support or Provide Interfaces to Non-Department Systems	Meets	4-74	4.b.1	
	Provide the ability to connect a Contractor hosted system or data store to another system that is hosted outside the DOI boundaries	Meets	4-74	4.b.1	
	Provide the means for the connection to be configured to support data exchange, support authentication schemes required by either system, adhere to all security requirements	Meets	4-74	4.b.1	
C.8.11	Support or Provide Static IP Addressing	Meets	4-74	4.b.1	
C.8.12	Provision Dedicated Resources	Meets	4-74	4.b.1	
C.9	Associated Support Services	Meets	4-74	4.b.1	
J.5	Bidder's Security Questionnaire	Meets	2-1	2	
J.17	Scope of Offer Matrix	Meets	3-1	3.1.1	
J.18	Operating Systems Supported	Meets	3-3	3.2.a.i	
J.19	Compute-Host Configurations	Meets	3-4	3.2.a.ii	
J.20	Storage Classes	Meets	3-5	3.2.a.iii	
J.21	Network Connectivity	Meets	3-5	3.2.a.iv	
J.22	Range of Database Software Supported	Meets	3-6	3.2.a.v	
J.23	Range of Web Hosting Software Supported	Meets	3-7	3.2.a.vi	
J.24	Range of Application Hosting elements Supported	Meets	3-8	3.2.a.vii	
J.25	Range of DOI Legacy Metering and Reporting Software Supported	Meets	3-9	3.2.a.viii	
J.26	Range of Other Middleware Supported	Meets	3-10	3.2.a.ix	
J.27	Range of Scripting and Programming Software Supported	Meets	3-11	3.2.a.x	
J.28	Uptime and Availability Service Bands	Meets	3-12	3.2.b.i	
J.29	Recovery Time Objectives (RTO)	Meets	3-12	3.2.b.ii	
J.30	Recover Point Objectives (RPO)	Meets	3-13	3.2.b.iii	
J.31	Mean Time to Restore (MTR)	Meets	3-13	3.2.b.iv	
J.32	Compute-Host Provisioning Service Bands	Meets	3-14	3.2.b.v	
J.33	Storage Provisioning Service Bands	Meets	3-14	3.2.b.vi	
J.34	Customer Service Meantime to Acknowledge (MTA)	Meets	3-15	3.2.b.vii	
J.35	Customer Service Meantime to Resolve or Fix (MTF)	Meets	3-15	3.2.b.viii	
J.36	Scheduled Downtime (Maintenance Windows)	Meets	3-15	3.2.b.ix	

Attachment 34 - Customer Service Meantime to Acknowledge (MTA) Template

Company Name

IBM

Severity/Priority

	1		2		3		4	
	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)
Service Band								
Band 1	0 minutes	15 minutes	0 minutes	30 minutes	0 minutes	45 minutes	0 minutes	60 minutes
Band 2	15 minutes	2 hours	30 minutes	4 hours	45 minutes	6 hours	60 minutes	8 hours
Band 3	2 hours	8 hours	4 hours	16 hours	6 hours	24 hours	8 hours	36 hours
Band 4	8 hours	24 hours	16 hours	48 hours	24 hours	72 hours	36 hours	96 hours
DOI Minimum Performance Level		24 hours		48 hours		72 hours		96 hours

Attachment 35 Customer Service Mean Time to Resolve or Fix (MTF) Template

Company Name

IBM

Severity/Priority

Service Band	1		2		3		4	
	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)
Band 1	0 min	15 min	0 min	30 min	0 min	45 min	0 min	60 min
Band 2	15 min	2 hr	30 min	4 hr	45 min	6 hr	60 min	8 hr
Band 3	2 hr	8 hr	4 hr	16 hr	6 hr	24 hr	8 hr	36 hr
Band 4	8 hr	24 hr	16 hr	48 hr	24 hr	72 hr	36 hr	96 hr
DOI Minimum Performance Level		24 hr		48 hr		72 hr		96 hr

Attachment 31 - Meantime to Restore (MTR) Template

Company Name

IBM

Mean Time to Restore Services

Service Band	Mean-Time to Restore
Band 1	15 minutes
Band 2	4 hours
Band 3	24 hours
Band 4	72 hours
Maximum MTR	72 hours

Planned Downtime Service Bands

ATTACHMENT 36

Company Name

IBM

Maximum Scheduled Downtime Per week

Service Band	Minimum (>=)	Maximum (<)
Band 1 (High Availability)		0.1 min
Band 2	0.1 min	1 hr
Band 3	1 hr	2 hr
Band 4	2 hr	4 hr
Band 5	4 hr	8 hr
DOI Maximum Allowed		8 hr

Provisioning Service Levels

Compute Host

Attachment 32 - Compute-Host Provisioning Service Bands Template

Company Name

IBM

Complete Manual Request

(in Minutes)

	Emergency	
Service Band	Minimum (\geq)	Maximum ($<$)
Band 1	0 minutes	15 minutes
Band 2	15 minutes	2 hours
Band 3	2 hours	8 hours
Band 4	8 hours	24 hours
Minimum Acceptable Performance:		24 hours

Provisioning Service Levels

Storage

Attachment 33 - Storage Provisioning Service Bands Template

Company Name

IBM

Complete Manual Request

(in Minutes)

	Emergency	
Service Band	Minimum (>=)	Maximum (<)
Band 1	0 minutes	15 minutes
Band 2	15 minutes	2 hours
Band 3	2 hours	8 hours
Band 4	8 hours	24 hours
Minimum Acceptable Performance:		24 hours

J_30_RPO

[Service_Level_RPO]_[IBM]

Attachment 30 - Recovery Point Objective (RPO) Template

Company Name

IBM

Recovery Point Objective (RPO)

Service Band	From	To
Band 1	0 minutes	5 minutes
Band 2	5 minutes	4 hours
Band 3	4 hours	24 hours
Band 4	24 hours	48 hours
Band 5	48 hours	7 days
Minimum Acceptable Performance:		7 days

Recovery Time Objective (RTO)

Attachment 29 - Recovery Time Objectives (RTO) Template

Company Name

IBM

Recovery Time Objective (RTO)

Service Band	From	To
Band 1	0 minutes	5 minutes
Band 2	5 minutes	4 hours
Band 3	4 hours	24 hours
Band 4	24 hours	48 hours
Band 5	48 hours	7 days
Minimum Acceptable Performance:		7 days

Uptime and Availability Service Levels

Attachment 28 - Uptime and Availability Service Bands Template

Company Name

IBM

Uptime and Availability

Service Band	Minimum (\geq)	Maximum ($<$)	Maximum Planned Downtime
Band 1	99.99%	100%	<4 minutes/month
Band 2	99.90%	99.99%	<43 minutes/month
Band 3	99%	99.90%	<7.2 hours /month
Band 4	95%	99%	<36 hours/month
Minimum Acceptable Performance:	95%		<36 hours/month

J_20_storage classes
[Storage_Class]_[IBM]

Company Name:

IBM

Storage Classes

Storage Class	Throughput	Uptime/ Availability	Example
A	8 Gbps	99.999%	High Speed SAN
B	1 Gbps	99.999%	low-speed SAN
C	50 Mbps	99.9%	Remote On-line Storage
D	Access within 24 hrs	offline	Tape Library

Company Name:

IBM

Web Hosting Elements Supported

Software	Supported	Licensing Available	Comments
Apache	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
TomCat	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Geronimo	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
IBM WebSphere	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Oracle Application Server	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Jrun	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
GlassFish	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
IBM HTTP Server	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
IIS	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well
Jetty (Eclipse Foundations)	X	X	SmartCloud for Government Supports, IBM has licensing available, IBM has professional services as well

Company Name:

IBM

Application Hosting Supported

Software	Supported	Licensing Available	Comments
ColdFusion			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
GlassFish			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Hibernate			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
JBOSS App Server and Suite			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Matlab			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Media Wiki			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle Application Server and BPM Middleware			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Silverlight			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Sun SMQ			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Tuxedo			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
WebLogic			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
WordPress			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.

Company Name:	IBM
Definition of Core:	2GHZ

Standard	Contractor Configuration	
	Cores (#)	RAM (GB)
Extra Small	1	2
Small	2	4
Medium	4	8
Large	8	16
Extra Large	16	16

High Memory		
Extra Small	1	4
Small	2	8
Medium	4	16
Large	8	32
Extra Large	16	64

High Compute		
Medium	NA	NA
Large	NA	NA
Extra Large	NA	NA

High Compute Cluster		
Large	NA	NA
Extra Large	NA	NA

Custom		
(Task Order Defined)		

Company Name:

IBM

Database Supported

Software	Supported	Licensing Available	Comments
Informix			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
MS SQL Express			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
MS SQL Server (2005, 2008, 2010, 2012)			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
MySQL			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle 10g			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle 11g			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle 8a			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
PostGIS			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
PostgreSQL			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
SQLite			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Sybase IQ			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.

Company Name: IBM

DOI Legacy Metering and Reporting Software
Supported Template

Software	Supported	Licensing Available	Comments
Actuate			(b) (4)
AWStats			
Crystal Reports			
Fiddler			
GroundWork			
Hyperion SQR Production Reporting			
IBM Applications Service Center			
JasperReports Server			
Microsoft Systems Center Operations Manager (MS SCOM)			
NAGIOS			
SmarterStats			
Splunk			
Windows Log Parser			

Company Name

IBM

Section	From	To	Minimum Requirements
C.6.1.4.2.1	Compute Host Instance (Vendor Data Center A)	Compute Host Instance (Vendor Data Center A)	(b) (4)
C.6.1.4.2.2	Compute Host Instance (Vendor Data Center A)	Compute Host Instance (Vendor Data Center B)	
C.6.1.4.2.3	Vendor Data Center	DOI Intranet (measured at the DOI Trusted Internet Connection point of entry)	
C.6.1.4.2.4	Compute Host Instance, Vendor Data Center	Internet	
C.6.1.4.2.5	Vendor Data Center	DOI Customers (LAN-to-LAN VPN and dedicated circuits)	

Attachment 18 - Operating Systems Licensing and Support

Operating System License Descriptions and Ranges of Version/Release Support

IBM			Supported		Provided		1
			Range of Versions/Releases		Range of Versions/Releases		
OS ID	Operating System		From	To	From	To	
OS0001	Microsoft Windows	Enterprise Server	2003	2008	2003	2008	
OS0002	LINUX	Centos	Do not Support		Do not Provide		2
OS0003	LINUX	Red Hat	5	6	5	6	
OS0004	LINUX	Ubuntu	Do not Support		Do not Provide		3
OS0005	LINUX	Enterprise	Do Not Support		Do not Provide		
OS0006	LINUX	Scientific	6	6	Do not Provide		
OS0007	Sun Solaris	for Intel	Do Not Support		Do not Provide		
OS0008	Sun Solaris	for SPARC	Do Not Support		Do not Provide		
OS0009	IBM	AIX	6	6	6	6	4
OS0010	HP	HPUX	Do Not Support		Do not Provide		
OS0011	LINUX	SUSE Enterprise	11	11	11	11	
OS0012							
OS0013							
OS0014							
OS0015							
OS0016							

Notes:

- 1 Operating system lisencing is included.
- 2 Centos is not provided or supported; however, it can be installed and suported by the Government.
- 3 Ubuntu is in the roadmap for 2013. Right now it can be installed and supported by the Government.
- 4 AIX 7 is on the roadmap to be provided and supported early in 2013.

Company Name:

IBM

Other Middleware Supported

Software	Supported	Licensing Available	Comments
Adlassian Jira			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Adobe Pro			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
ArborText			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Citrix XenApp			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Citrix XenDesktop			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Citrix XenServer			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Common Spot			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
CommVault			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Documentum			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Eclipse Plug-ins			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Entellitrak			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Hydra			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
IBM FileNet			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Microsoft Dynamix CRM 2011			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Net Backup			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Networker			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle ADF			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Prolifics			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
PureDisk			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
SharePoint			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Software AG/Entirex DCOM (Communicator, XML Mediator, Adapters)			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
SQL Forms			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Web Center Content			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
XML DataPower			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.

Company Name:

IBM

Scripting and Programming

Software	Supported	Licensing Available	Comments
.NET			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
ASP.net			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Flex Action Script			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
ISAPI			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Java			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Java Script			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Jscript			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Node.js			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
4GL			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Perl			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
PHP			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Python			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
RScript			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
Ruby on Rails			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.
UNIX Scripting			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing, and support are not included with the standard offering.

Attachment 16 Requirements Traceability Matrix

Company Name

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.1	(Information)				
C.2	(Information)				
C.2.2	Initial Technical Service Lines				
C.2.2.1	Storage Services				
C.2.2.2	Secure File Transfer Services				
C.2.2.3	Virtual Machine Services				
C.2.2.4	Database Hosting Services				
C.2.2.5	Web Hosting Services				
C.2.2.6	Development and Test Environment Hosting Services				
C.2.2.7	SAP Application Hosting Services				
C.3	(Information)				
C.4	(Information)				
C.5	Establish and Meet Enterprise-Wide Requirements				
C.5.1	Comply with Essential Cloud Service Requirements				
C.5.1.1	On-Demand Self Service	Meets	4-6	4.a.1.2.6	(b) (4)
C.5.1.2	Ubiquitous Network Access	Meets	4-6	4.a.1.2.6	
C.5.1.3	Location Independent Resource Pooling	Meets	4-6	4.a.1.2.6	
C.5.1.4	Rapid Elasticity	Meets	4-6	4.a.1.2.6	
C.5.1.5	Measured Services	Meets	4-6	4.a.1.2.6	
C.5.2	Manage Service Delivery and Maintain Business Relationships and Interconnections				
C.5.2.1	Provide Browser-Based Management Functionality				
C.5.2.1.1	Define User Roles and Support User Authorization Workflows	Meets	4-7	4.a.1.2.6	
C.5.2.1.2	Provision, Configure and De-Provision (Release) Resources	Meets	4-7	4.a.1.2.6	
C.5.2.1.3	Monitor Performance and Manager Alerts and Reporting	Meets	4-7	4.a.1.2.6	
C.5.2.1.4	Monitor Resource Usage/Utilization and Provide Cost Metering and Cost Controls	Does not meet			
C.5.2.1.5	Manage Open and Resolved Incidents and Service Requests.	Meets	4-7	4.a.1.2.6	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.5.2.2	Support DOI System Interfaces	Meets	4-7	4.a.1.2.6	(b) (4)
C.5.2.3	Implement Transparent and Effective Performance Management	Meets	4-7	4.a.1.2.6	
C.5.2.4	Implement Efficient, Effective and Formal Governance	Meets	4-7	4.a.1.2.6	
C.5.2.5	Protect Intellectual Property Rights	Meets	4-7	4.a.1.2.6	
C.5.2.6	Prohibit and Actively Prevent Adware, SPAM and Remarketing of DOI Information	Meets	4-7	4.a.1.2.6	
C.5.3	Establish and Maintain Security and Privacy				
C.5.3.1	Comply with FedRAMP and DOI Information Security and Privacy Requirements	Does not meet	4-7	4.a.1.2.6	
	a. DOI Security Control Standards	Does not meet			
	b. DOI Cloud Hosting Services IT Security and Privacy Requirements	Does not meet			
	c. DOI Privacy Loss Mitigation Strategy (PLMS)	Does not meet			
	d. Additional IT Security Information	Does not meet			
C.5.3.2	Provide User Authentication and Secure Connections	Does not meet	4-7	4.a.1.2.6	
C.5.3.3	Comply with Security Assurance Requirements	Does not meet			
	Provide Security Assessment Plan	Does not meet			
	Provide Security Assessment Report	Does not meet			

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.5.3.4	Complete Third Party Assessment of Security Controls and Mitigate Weaknesses	Does not meet			
J. Attachment 5	Provide Bidder's Security Questionnaire	Meets	2-1	2	
C.5.3.4.1	Implement and Maintain Access Controls	Does not meet			
C.5.3.4.2	Implement and Maintain Awareness and Training Controls	Does not meet			
C.5.3.4.3	Implement and Maintain Audit and Accountability Controls	Does not meet			
C.5.3.4.4	Implement and Maintain Security Assessment and Authorization Controls	Does not meet			
C.5.3.4.5	Implement and Maintain Configuration Management Controls	Does not meet			
C.5.3.4.6	Implement and Maintain Contingency Planning Controls	Does not meet			
C.5.3.4.7	Implement and Maintain Identification and Authorization Controls	Does not meet			
C.5.3.4.8	Implement and Maintain Incident Response Controls	Does not meet			
C.5.3.4.9	Implement and Maintain Maintenance Controls	Does not meet			
C.5.3.4.10	Implement and Maintain Media Protection Controls	Does not meet			
C.5.3.4.11	Implement and Maintain Physical and Environmental Protection Controls	Does not meet			
C.5.3.4.12	Implement and Maintain Planning Controls	Does not meet			
C.5.3.4.13	Implement and Maintain Personnel Security Controls	Does not meet			
C.5.3.4.14	Implement and Maintain Risk Assessment Controls	Does not meet			
C.5.3.4.15	Implement and Maintain System and Services Acquisition Controls	Does not meet			
C.5.3.4.16	Implement and Maintain System and Communication Protection Controls	Does not meet			
C.5.3.4.17	Implement and Maintain System and Information Integrity Controls	Does not meet			
C.5.4	Ensure Portability of IT Systems and Facilitate Migration between System Providers	Does not meet			
C.6	Establish and Meet Resource Requirements				
C.6.1	Provide Basic Resources	Meets	4-7	4.a.1.2.6	(b) (4)
C.6.1.1	Provide and Support Operating System Resource Requirements	Meets	4-7	4.a.1.2.6	
	Current	Meets	4-7	4.a.1.2.6	
	Future	Meets	4-7	4.a.1.2.6	
C.6.1.2	Provide and Support Compute-Host Resources	Meets	4-7	4.a.1.2.6	
	Contractor Proposed Configurations meet or exceed Minimum Configuration Requirements	Meets	4-7	4.a.1.2.6	
C.6.1.3	Provide and Support Storage Resources	Meets	4-7	4.a.1.2.6	
C.6.1.3.1	Identify and Provide Access to Storage API's	Meets	4-7	4.a.1.2.6	
C.6.1.3.2	Support Storage for Both Files and Data Objects	Meets	4-7	4.a.1.2.6	
C.6.1.3.3	Support Standard Storage Operations	Meets	4-7	4.a.1.2.6	
C.6.1.3.4	Support Storage Resource Classes	Meets	4-7	4.a.1.2.6	
C.6.1.3.5	Support Data Migration Across Storage Classes	Does not meet			
	Web-Based Interface	Does not meet			
	Open Source API Interface	Does not meet			

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.1.3.6	Support Alternative Backup Solutions	Meets	4-7	4.a.1.2.6	(b) (4)
	DOI designed/managed solution	Does not meet			
	Contractor provide solution	Does not meet			
	Comply with Security and Privacy Requirements	Does not meet			
	Available at both OnSite and Offsite locations	Does not meet			
	Web Management Functionality	Does not meet			
	a. Ability to configure backup schedule	Does not meet			
	b. Ability to restore files and images from backup	Meets	4-7	4.a.1.2.6	
	c. Ability to configure retention period and automatic deletions of old files	Does not meet			
	d. Ability for government to specify the level of redundancy required	Does not meet			
	e. A scripting interface	Does not meet			
C.6.1.3.7	Support Secure Transfer of Physical Media	Does not meet			
	Secure Chain of Custody	Does not meet			
	Flexibility in Courier Pick-up and Delivery Times	Does not meet			
C.6.1.4	Provide Transport Resources and Support Interconnections	Does not meet			
C.6.1.4.1	Comply with General Transport Requirements	Does not meet			
	Calculate bandwidth using 95th percentile method with minimum sample times of five minutes	Does not meet			
C.6.1.4.2	Comply With Interconnection Configurations and Requirements				
C.6.1.4.2.1	Between Compute Host Instances (Same Data Center)	Meets	4-8	4.a.1.2.6	
C.6.1.4.2.2	Between Compute Host Instances (Different Contractor Data Centers)	Meets	4-8	4.a.1.2.6	
C.6.1.4.2.3	Between Compute-Host at Contractor Data Center and DOI TIC	Meets	4-8	4.a.1.2.6	
C.6.1.4.2.4	Between Compute-Host at Contractor Data Center and the Internet	Meets	4-8	4.a.1.2.6	
C.6.1.4.2.5	Between Compute-Host at Contractor Data Center to DOI Customers via Direct Connections	Meets	4-8	4.a.1.2.6	
C.6.2	Provide Aggregated Resources and Enabling Services				
C.6.2.1	Provide Aggregated Resource Services	Meets	4-8	4.a.1.2.6	
C.6.2.1.1	Provide Secure File Transfer Resources	Does not meet			
C.6.2.1.2	Provide Virtual Machine Resources	Meets	4-8	4.a.1.2.6	
	Scalable, redundant, dynamic capabilities or virtual machines	Meets	4-8	4.a.1.2.6	
	Allow Government users to procure and provision computing services on-line via the Internet	Meets	4-8	4.a.1.2.6	
	Allow users to remotely load applications and data via the Internet	Meets	4-8	4.a.1.2.6	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Configuration and Management via Web Browser, over the Internet.	Meets	4-8	4.a.1.2.6	(b) (4)
	Government Retains Ownership	Meets	4-8	4.a.1.2.6	
	Spawn on-Demand Instances	Meets	4-8	4.a.1.2.6	
	Support Acceptable Secure Administration Interface	Meets	4-8	4.a.1.2.6	
	Dynamic Allocation based upon load, without service interruption	Does not meet			
	Copy/Clone	Meets	4-8	4.a.1.2.6	
	Multi-processor Virtual Machines	Meets	4-8	4.a.1.2.6	
	Support Processor Isolation	Meets	4-8	4.a.1.2.6	
	Supports live migration between physical hosts	Meets	4-8	4.a.1.2.6	
	Role-Based access controls and Auditing for Hypervisor	Meets	4-8	4.a.1.2.6	
	Hypervisor supports hardware-assisted memory virtualization	Meets	4-8	4.a.1.2.6	
C.6.2.1.3	Provide Database Hosting Resources	Does not meet			
	Supports Current Range of Software	Does not meet			
C.6.2.1.4	Provide Web Hosting Resources	Does not meet			
	Supports Current Range of Software	Does not meet			
C.6.2.1.5	Provide Development and Test Environment	Meets	4-8	4.a.1.2.6	
	Support Range of Technical Service Lines, and range of instances for each (e.g. 0-100)	Does not meet			
	Accommodate custom roles and authorizations	Meets	4-8	4.a.1.2.6	
C.6.2.1.6	Provide Application Hosting	Does not meet			
	Supports Current Range of Software	Does not meet			
C.6.2.2	Provide Enabling Services				
C.6.2.2.1	Support Bulk Data Transfer and Provide Competitive Volume Discounts	Meets	4-8	4.a.1.2.6	
	a. Loading data from physical media	Does not meet			
	b. Transferring data in/out over the Internet	Meets	4-8	4.a.1.2.6	
	c. Transferring Data in/out onto the DOI intranet	Meets	4-8	4.a.1.2.6	
	d. Transferring data in/out via dedicated circuits (including VPN)	Meets	4-8	4.a.1.2.6	
	One-Time, Free of Charge, Bulk Transfer of all data stored in Contract environment upon termination of Task Orders.	Does not meet			
C.6.2.2.2	Provide Operating System Services				
	Contractor will provide	Meets	4-8	4.a.1.2.6	
	Contractor will permit DOI to provide at DOI option	Meets	4-8	4.a.1.2.6	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Configure Operating System	Meets	4-8	4.a.1.2.6	(b) (4)
	Troubleshoot Operating System Problems	Meets	4-8	4.a.1.2.6	
C.6.2.2.3	Provide Licensing and Installation Services	Meets	4-8	4.a.1.2.6	
C.6.2.2.4	Provide Patching and Version Control Services	Meets	4-8	4.a.1.2.6	
	Commit to defined patching schedule and process	Meets	4-8	4.a.1.2.6	
	DOI Receive > 1 week Advance Notice	Meets	4-8	4.a.1.2.6	
	DOI right to delay or deny implementation	Meets	4-8	4.a.1.2.6	
	Contractor comply with change controls processes and authorities for change	Does not meet			
C.6.2.2.5	Provide Disaster Recovery Services	Does not meet			
	Support to design, implement and Manage the Disaster Recovery Solution	Does not meet			
	Provide Web-Based capability for configuring Disaster Recovery Options	Does not meet			
	Supports DOI defining set of mission critical data and snapshots	Does not meet			
	Provides all service required to execute failover	Does not meet			
C.6.2.2.6	Supports one or More Solutions for Middleware Licensing	Meets	4-9	4.a.1.2.6	
A and/or B and/or	Contractor Provided Support for Current (and/or) Contractor Proposed Migration and Standard	Does not meet			
		Meets	4-9	4.a.1.2.6	
C and/or	DOI Provided	Meets	4-9	4.a.1.2.6	
C.6.2.2.7	Provides Hosting for DOI Legacy Metering and Reporting Software	Meets	4-9	4.a.1.2.6	
	Supports Current Range of Software				
C.6.2.2.8	Provides Hosting for Other Middleware	Meets	4-9	4.a.1.2.6	
	Supports Current Range of Software	Does not meet			

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.6.2.2.9	Provides Hosting for Scripting and Programming Environments	Meets	4-9	4.a.1.2.6	(b) (4)
	Supports Current Range of Software	Does not meet			
C.6.2.2.10	Provide or Support Virtual Application and Virtual Desktop Resources	Does not meet			
	and/or Provides	Does not meet			
	Supports	Does not meet			
C.7	Establish and Meet Portfolio of Service Level Requirements				
C.7.1	Optimize End-to-End Performance	Meets	4-9	4.a.1.2.6	
C.7.1.1	Manage Latency between Hosted Applications and End Users	Meets	4-9	4.a.1.2.6	
C.7.1.2	Adapt of Demand Fluctuations to Maintain Service Levels	Meets	4-9	4.a.1.2.6	
C.7.1.3	Streamline and/or Automate Resource Scaling				
	Tiers of Service, Template Capability and Scaling sequence definition or acceptable alternative	Does not meet			
	* Compute-Host: Processor	Does not meet			
	* Compute-Host: Memory	Does not meet			
	* Storage	Does not meet			
	* Transport: Bandwidth	Does not meet			
	Restrict to DOI approved tiers and templates in the provisioning portal	Does not meet			
	User defined scaling sequence and triggers	Does not meet			
C.7.2	Meet Software and Licensing Support Service Level Requirements				
C.7.2.1	Meet Operating System Services Service Level Requirements	Does not meet			
	Contractor Proposed guaranteed minimum performance level	Does not meet			
C.7.2.2	Meet Licensing and Installation Services Service Level Requirements	Does not meet			
	Contractor Proposed guaranteed minimum performance level	Does not meet			
C.7.2.3	Meet Patching and Version Control Service Service Level Requirements	Does not meet			
	Contractor Proposed guaranteed minimum performance level	Does not meet			
C.7.3	Meet Uptime and Availability Requirements	Does not meet			
	Meet Minimum Acceptable Performance Level: 95% Uptime with no more than 36 hours/calendar month of planned downtime.	Does not meet			
	Contractor Recommended Incentives and Disincentives	Does not meet			
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Does not meet			
C.7.4	Meet Disaster Recovery Services Service Levels	Does not meet			
	Contractor Provided Draft Disaster Recovery Plan	Does not meet			
C.7.4.1	Meet Recovery Time Objectives (RTO)	Does not meet			
	Contractor Proposed from one (1) to five (5) service bands that meet DOI minimum requirements	Does not meet			
	Minimum Acceptable Performance: 7 Days	Does not meet			
C.7.4.2	Meet Recovery Point Objectives (RPO)	Does not meet			
	Contractor Proposed from one (1) to five (5) service bands that meet DOI minimum requirements	Does not meet			
	Minimum Acceptable Performance: 7 Days	Does not meet			
C.7.5	Meet Backup Service Levels				
C.7.5.1	Comply with Backup Frequency Requirements	Does not meet			
	Provide means DOI authorized technical user to configuring backup and archiving frequency on authorized user defined schedule.	Does not meet			
	Schedule Supports Required Frequencies: Daily, Weekly, Monthly, Yearly.	Does not meet			
	Provide means for DOI authorized technical user to select from approved Mean-Time-to-Restore.	Does not meet			
	Provides means for DOI authorized technical user to select approved Retention Periods.	Does not meet			
C.7.5.2	Meet Mean Time to Restore Requirements	Does not meet			
	Minimum Acceptable Performance Level: 72 Hours	Does not meet			
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Does not meet			

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.5.3	Comply with Data Retention Policies	Does not meet			
	Retention period duration before automatic deletion	Does not meet			
C.7.6	Document and Meet Provisioning Service Level Requirements	Does not meet			
C.7.6.1	Meet Compute Host and Operations System Provisioning Service Level Requirements	Does not meet			
	Provide means for several tiers of service for the speed in which a hosted system can respond to changes in demand (either manually or automatically)	Does not meet			
	Provide means in all cases where resources shall be brought online and available for use within the specified time (either manually or automatically)	Does not meet			
	Minimum Acceptable Performance Level: 24 Hours	Does not meet			
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Does not meet			
C.7.6.2	Meet Storage Provisioning Service Level Requirements	Does not meet			
	Provide means to provision the storage both manually, and/or scale storage resources both manually and automatically	Does not meet			
	Minimum Acceptable Performance Level: 24 Hours	Does not meet			
	Contractor Proposed from one (1) to four (4) service bands that meet DOI minimum requirements	Does not meet			
C.7.7	Meet SAP Hosting Performance Requirements	Does not meet			(b) (4)
	Provide means for several tiers of service for SAP Hosting Services	Does not meet			
C.7.7.1	Meet SAP Computation Performance Requirements	Does not meet			
	Provide means for SAP configurations with scalable processing performance; scalable up and down to meet requirements	Does not meet			
	Performance requirements from 20,000 SAPS (or equivalent) up to and including 1,800,000 SAPS (or equivalent) or further as needs grow	Does not meet			
C.7.7.2	Meet SAP RAM Performance Requirements	Does not meet			
	Provide means for SAP configurations with scalable RAM availability; scalable up and down to meet requirements	Does not meet			
	Performance requirements from 800GB up to 13,000 GB or further as needs grow	Does not meet			
C.7.7.3	Meet SAP Storage Performance Requirements	Does not meet			
	Provide means SAP configurations with scalable storage availability; scalable up and down to meet requirements	Does not meet			
	Performance requirements from 3 5TB up to 600TB or further as needs grow	Does not meet			
C.7.7.4	Meet Additional SAP Performance Metric Requirement	Does not meet			
C.7.8	Meet Middleware Management Service Level Requirements	Does not meet			(b) (4)
	Provide means for several tiers of management support for Database, Web Server, and Application Servers	Does not meet			
C.7.8.1	Meet Middleware Patching and Version Control Requirements	Does not meet			
	Provide means to commit to a defined patching schedule and process	Does not meet			
	Provide means for the DOI test patches at least 1 week before they are rolled out to production systems	Does not meet			
	Provide means to ensure compatibility with the business system and to include fall back procedures	Does not meet			
	Provide means for coordination with the system owner prior to making changes on a weekly, monthly, quarterly, and yearly schedule	Does not meet			
C.7.8.2	Meet Additional Middleware Service Level Requirements	Does not meet			
C.7.9	Meet Secure File Transfer Service Levels	Does not meet			(b) (4)
C.7.10	Meet Virtual Desktop and Applications Service Levels	Does not meet			(b) (4)
C.7.11	Meet Customer and Program Support Service Levels	Does not meet			
	Provide means for several tiers of support services; to include both trouble ticket support and service management	Does not meet			
	Provide means to ensure pre-defined service level metrics are met; (availability, time to response, time to resolve, and planned downtime) as identified within the severity level	Does not meet			
	Provide means to describe an outage greater than 1-hour of unscheduled downtime, including root-cause and fix	Does not meet			

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.11.1	Meet Service Center Availability Service Levels	Meets	4-9	4.a.1.2.6	(b) (4)
	Provide means for reaching support or service personnel, during hours of availability for service or log a trouble ticket	Meets	4-9	4.a.1.2.6	
C.7.11.1.1	8x5 Single Time Zone	Meets	4-9	4.a.1.2.6	
C.7.11.1.2	8x5 CONUS	Meets	4-9	4.a.1.2.6	
C.7.11.1.3	8x5 CONUS + Alaska	Meets	4-9	4.a.1.2.6	
C.7.11.1.4	24x7x365/366	Meets	4-9	4.a.1.2.6	
C.7.11.1.5	Custom Work Hours, Custom Work Week, Selected Time Zone(s)	Meets	4-9	4.a.1.2.6	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
C.7.11.1.6	Defined Season or Emergency/Incident Support		4-9	4.a.1.2.6	(b) (4)
C.7.11.2	Meet Service Level Time To Respond (Acknowledge) to Requests Service Levels	Meets	4-9	4.a.1.2.6	
	Provide means for acknowledgement of the request and initial service center within the specified time to respond, within the tiers of services to include the severity and priority levels	Meets	4-9	4.a.1.2.6	
C.7.11.3	Meet Mean-Time-To-Resolve Service Levels	Does not meet			
	Provide means of commitment on the mean time to resolve all service and support issues to include the severity and priority levels	Does not meet			
C.7.11.4	Minimize Planned Downtime and Maintenance Windows	Meets	4-9	4.a.1.2.6	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
	Provide means for support services that accommodate several maintenance window maximums to include planned downtime	Meets	4-9	4.a.1.2.6	(b) (4)
C.8	Optional Characteristics Requirements				
C.8.1	Support Resource Segregation Options	Does not meet			
	Provide means for several options for segregating resources; fully segregated; Federal government segregation, and Non-segregated	Does not meet			
C.8.2	Support Non-production environments	Does not meet			
	Provide means in order to define non-production environments (e.g., test, development, training, staging, sandbox) as customized copies of a production environment	Does not meet			
	Provide means for administrators to have the ability to adjust the non-production environment specifications	Does not meet			
	Provide means for non-production environments to access production storage or middleware instances, to include populating storage, both inside or outside, of the provider's environment	Does not meet			
	Provide the ability to restrict access to non-production environments to users or "domains"	Does not meet			
	Provide the ability to create and destroy non-production environments via web console	Does not meet			
C.8.3	Support Requirement to Manage Underlying Physical Resources	Does not meet			
C.8.4	Provide Content Delivery Network (CDN)	Does not meet			
C.8.5	Support Unique Compliance Requirements	Does not meet			
C.8.6	Support Alaska/Hawaii Regional Connectivity	Does not meet			
C.8.7	Address Issues Related to Poor Connectivity	Does not meet			
C.8.8	Support or Provide Hardware Clustering	Does not meet			
C.8.9	Provide Load Balancing	Does not meet			
C.8.10	Support or Provide Interfaces to Non-Department Systems	Does not meet			
	Provide the ability to connect a Contractor hosted system or data store to another system that is hosted outside the DOI boundaries	Does not meet			
	Provide the means for the connection to be configured to support data exchange, support authentication schemes required by either system, adhere to all security requirements	Does not meet			
C.8.11	Support or Provide Static IP Addressing	Does not meet			
C.8.12	Provision Dedicated Resources	Does not meet			
C.9	Associated Support Services	Does not meet			
J.5	Bidder's Security Questionnaire	Meets	2-1	2	
J.17	Scope of Offer Matrix	Meets	3-1	3.1.2	
J.18	Operating Systems Supported	Meets	3-16	3.2.c.i	
J.19	Compute-Host Configurations	Meets	3-17	3.2.c.ii	
J.20	Storage Classes	Meets	3-18	3.2.c.iii	
J.21	Network Connectivity	Meets	3-18	3.2.c.iv	

Solicitation Reference		Offer Reference			
Section #	Requirement	Contractor Self Certification (Meets, Does Not Meet)	Page #	Section #	Brief Description
J.22	Range of Database Software Supported	Meets	3-19	3.2.c.v	
J.23	Range of Web Hosting Software Supported	Meets	3-20	3.2.c.vi	
J.24	Range of Application Hosting elements Supported	Meets	3-21	3.2.c.vii	
J.25	Range of DOI Legacy Metering and Reporting Software Supported	Meets	3-22	3.2.c.viii	
J.26	Range of Other Middleware Supported	Meets	3-23	3.2.c.ix	
J.27	Range of Scripting and Programming Software Supported	Meets	3-24	3.2.c.x	
J.28	Uptime and Availability Service Bands	Meets	3-25	3.2.d.i	
J.29	Recovery Time Objectives (RTO)	Does not meet	3-25	3.2.d.ii	
J.30	Recover Point Objectives (RPO)	Does not meet	3-26	3.2.d.iii	
J.31	Mean Time to Restore (MTR)	Does not meet	3-26	3.2.d.iv	
J.32	Compute-Host Provisioning Service Bands	Meets	3-27	3.2.d.v	
J.33	Storage Provisioning Service Bands	Meets	3-27	3.2.d.vi	
J.34	Customer Service Meantime to Acknowledge (MTA)	Meets	3-27	3.2.d.vii	
J.35	Customer Service Meantime to Resolve or Fix (MTF)	Meets	3-28	3.2.d.viii	
J.36	Scheduled Downtime (Maintenance Windows)	Does not meet	3-28	3.2.d.ix	

Attachment 34 - Customer Service Meantime to Acknowledge (MTA) Template

Company Name

IBM

	Severity/Priority							
	1		2		3		4	
	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)
Service Band								
SCE+		4 hours		24 hours		7 days		30 days
SCE Advanced Premium		30 mins						24 hours
DOI Minimum Performance Level		24 hours		48 hours		72 hours		96 hours

Attachment 35 Customer Service Mean Time to Resolve or Fix (MTF) Template

Company Name

IBM

Severity/Priority

	1 (90% within)		2 (90% within)		3		4	
	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)	Minimum (>=)	Maximum (<)
Service Band								
SCE+	0 min	4 hr	0 min	24 hr	0 min	7 days	0 min	30 days
DOI Minimum Performance Level		24 hr		48 hr		72 hr		96 hr

Attachment 31 - Meantime to Restore (MTR) Template

Company Name

IBM

Mean Time to Restore Services

Service Band	Mean-Time to Restore
Not applicable for SCE	
Not applicable for SCE+	

Planned Downtime Service Bands

ATTACHMENT 36

Company Name

IBM

Maximum Scheduled Downtime Per week

Service Band	Minimum (>=)	Maximum (<)
Not applicable for SCE		
Not applicable for SCE+		
DOI Maximum Allowed		8 hr

Provisioning Service Levels

Compute Host

Attachment 32 - Compute-Host Provisioning Service Bands Template

Company Name

IBM

Complete Manual Request

(in Minutes)

	Emergency	
Service Band	Minimum (>=)	Maximum (<)
Band 1 (SCE)	0 minutes	1hr
Band 2 (SCE+)	24 hrs	72 hrs
Minimum Acceptable Performance:		24 hours

Provisioning Service Levels

Storage

Attachment 33 - Storage Provisioning Service Bands Template

Company Name

IBM

Complete Manual Request

(in Minutes)

	Emergency	
Service Band	Minimum (\geq)	Maximum ($<$)
Band 1	0 minutes	15 minutes
Minimum Acceptable Performance:		24 hours

J_30_RPO

[Service_Level_RPO]_[IBM]

Attachment 30 - Recovery Point Objective (RPO) Template

Company Name

IBM

Recovery Point Objective (RPO)

Service Band	From	To
Not applicable for SCE		
Not applicable for SCE+		
Minimum Acceptable Performance:		7 days

Recovery Time Objective (RTO)

Attachment 29 - Recovery Time Objectives (RTO) Template

Company Name

IBM

Recovery Time Objective (RTO)

Service Band	From	To
Not applicable for SCE		
Not applicable for SCE+		
Minimum Acceptable Performance:		7 days

Uptime and Availability Service Levels

Attachment 28 - Uptime and Availability Service Bands Template

Company Name

IBM

Uptime and Availability

Service Band	Minimum (\geq)	Maximum ($<$)	Maximum Planned Downtime
Band 1 (Platinum)	99.9%	100%	
Band 2 (Gold)	99.7%	100%	
Band 3 (Silver)	99.5%	100%	
Band 4 (Bronze)	98.5%	100%	
Minimum Acceptable Performance:	95.0%		

J_20_storage classes
[Storage_Class]_[IBM]

Company Name:

IBM

Storage Classes

Storage Class	Throughput	Uptime/ Availability	Example
SCE+	8 Gbps	N/A	
SCE	1 Gbps	N/A	

Company Name:

IBM

Web Hosting Elements Supported

Software	Supported	Licensing Available	Comments
Apache			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
TomCat			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Geronimo			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
IBM WebSphere		X	SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Oracle Application Server			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Jrun			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
GlassFish			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
IBM HTTP Server		X	SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
IIS			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.
Jetty (Eclipse Foundations)			SmartCloud Enterprise and SmartCloud Enterprise+ are IaaS offerings. The middleware installation, licensing and support are not included with the standard offering.

Attachment 5

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
1.1. Access Control (AC)										
AC-1		Access Control Policy and Procedures	AC-1	AC-1	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-2		Account Management	AC-2	AC-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-2	1			AC-2 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AC-2	2			AC-2 (2)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-2	3			AC-2 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-2	4			AC-2 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-2	7			AC-2 (7)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-3		Access Enforcement	AC-3	AC-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-3	3			AC-3 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-4		Information Flow Enforcement		AC-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-5		Separation of Duties		AC-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AC-6		Least Privilege		AC-6	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-6	1			AC-6 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-6	2			AC-6 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-7		Unsuccessful Login Attempts	AC-7	AC-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AC-8		System Use Notification	AC-8	AC-8	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-10		Concurrent Session Control		AC-10			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-11		Session Lock		AC-11			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-11	1			AC-11 (1)			Not Implemented			
AC-14		Permitted Actions Without Identification/ Authentication	AC-14	AC-14			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AC-14	1			AC-14 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-16		Security Attributes		AC-16			Not Implemented			
AC-17		Remote Access	AC-17	AC-17			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-17	1			AC-17 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-17	2			AC-17 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-17	3			AC-17 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-17	4			AC-17 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-17	5			AC-17 (5)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-17	7			AC-17 (7)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AC-17	8			AC-17 (8)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-18		Wireless Access	AC-18	AC-18		N/A. The IBM FDC does not permit wireless access.				
AC-18	1			AC-18 (1)		N/A. The IBM FDC does not permit wireless access.				
AC-18	2			AC-18 (2)		N/A. The IBM FDC does not permit wireless access.				

FedRAMP Baseline Security Control Requirements

Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
					(b) (4)					
AC-19		Access Control for Mobile Devices	AC-19	AC-19			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-19	1			AC-19 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-19	2			AC-19 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-19	3			AC-19 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AC-20		Use of External Information Systems	AC-20	AC-20			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)	
AC-20	1			AC-20 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
AC-20	2			AC-20 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
AC-22		Publicly Accessible Content	AC-22	AC-22			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.2. Awareness and Training (AT)											
AT-1		Security Awareness and Training Policy and Procedures	AT-1	AT-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
AT-2		Security Awareness	AT-2	AT-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AT-3		Security Training	AT-3	AT-3	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AT-4		Security Training Records	AT-4	AT-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.3. Audit and Accountability Policy and Procedures (AU)										
AU-1		Audit and Accountability Policy and Procedures	AU-1	AU-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-2		Auditable Events	AU-2	AU-2		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AU-2					(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-2	3			AU-2 (3)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
AU-2	4			AU-2 (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
AU-3		Content of Audit Records	AU-3	AU-3		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
AU-3	1			AU-3 (1)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AU-4		Audit Storage Capacity	AU-4	AU-4	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-5		Response to Audit Processing Failures	AU-5	AU-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-6		Audit Review, Analysis, and Reporting	AU-6	AU-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-6	1			AU-6 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-6	3			AU-6 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-7		Audit Reduction and Report Generation		AU-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-7	1			AU-7 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-8		Time Stamps	AU-8	AU-8			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
AU-8	1			AU-8 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-8	1						Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-9		Protection of Audit Information	AU-9	AU-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-9	2			AU-9 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-10		Non-Repudiation		AU-10			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-10	5			AU-10 (5)			N/A. The IBM FDC will not provide email services.			
AU-11		Audit Record Retention	AU-11	AU-11			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
AU-12		Audit Generation	AU-12	AU-12			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.4. Assessment and Authorization (CA)										

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
CA-1		Security Assessment and Authorization Policies and Procedures	CA-1	CA-1	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CA-2		Security Assessments	CA-2	CA-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CA-2	1		CA-2 (1)	CA-2 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CA-3		Information System Connections	CA-3	CA-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
CA-5		Plan of Action and Milestones	CA-5	CA-5	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CA-6		Security Authorization	CA-6	CA-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CA-7		Continuous Monitoring	CA-7	CA-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CA-7	2			CA-7 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.5. Configuration Management (CM)										

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
CM-1		Configuration Management Policy and Procedures	CM-1	CM-1	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-2		Baseline Configuration	CM-2	CM-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-2	1			CM-2 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-2	1						Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-2	3			CM-2 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-2	5			CM-2 (5)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
CM-3		Configuration Change Control		CM-3	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-3	2			CM-3 (2)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CM-4		Security Impact Analysis	CM-4	CM-4		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CM-5		Access Restrictions for Change		CM-5		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CM-5	1			CM-5 (1)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CM-5	5			CM-5 (5)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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CM-6	6	Configuration Settings	CM-6	CM-6	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-6	1			CM-6 (1)			Not Implemented			
CM-6	3			CM-6 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-7		Least Functionality	CM-7	CM-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-7	1			CM-7 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-8		Information System Component Inventory	CM-8	CM-8			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CM-8	1			CM-8 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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CM-8	3			CM-8 (3)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CM-8	5			CM-8 (5)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CM-9		Configuration Management Plan		CM-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.6. Contingency Planning (CP)											
CP-1		Contingency Planning Policy and Procedures	CP-1	CP-1				Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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					(b) (4)					
CP-2		Contingency Plan	CP-2	CP-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-3		Contingency Training	CP-3	CP-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-4		Contingency Plan Testing and Exercises	CP-4	CP-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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CP-4	1			CP-4 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-6		Alternate Storage Site		CP-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-6	1			CP-6 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-6	3			CP-6 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-7		Alternate Processing Site		CP-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-7	1			CP-7 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-7	2			CP-7 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-7	3			CP-7 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-7	5			CP-7 (5)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Company Name: IBM

Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
CP-8		Telecommunications Services		CP-8	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-8	1			CP-8 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-8	2			CP-8 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-9		Information System Backup	CP-9	CP-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-9								Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
CP-9					(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
CP-9	1			CP-9 (1)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CP-9	3			CP-9 (3)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CP-10		Information System Recovery and Reconstitution	CP-10	CP-10		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CP-10	2			CP-10 (2)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
CP-10	3			CP-10 (3)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.7. Identification and Authentication (IA)										

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
IA-1		Identification and Authentication Policy and Procedures	IA-1	IA-1	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-2		Identification and Authentication (Organizational Users)	IA-2	IA-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-2	1		IA-2 (1)	IA-2 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-2	2			IA-2 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-2	3			IA-2 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-2	8			IA-2 (8)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-3		Device Identification and Authentication		IA-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
IA-4		Identifier Management	IA-4	IA-4	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-4							Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-4	4			IA-4 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-5		Authenticator Management	IA-5	IA-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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IA-5	1		IA-5 (1)	IA-5 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-5	1						Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IA-5	1						Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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IA-5	1				(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IA-5	2			IA-5 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IA-5	3			IA-5 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IA-5	6			IA-5 (6)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IA-5	7			IA-5 (7)			Not Implemented for all components. Only implemented for a subset of components.				
IA-6		Authenticator Feedback	IA-6	IA-6				Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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IA-7		Cryptographic Module Authentication	IA-7	IA-7	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IA-8		Identification and Authentication (Non-Organizational Users)	IA-8	IA-8			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.8. Incident Response (IR)											
IR-1		Incident Response Policy and Procedures	IR-1	IR-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IR-2		Incident Response Training	IR-2	IR-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IR-3		Incident Response Testing and Exercises		IR-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IR-4		Incident Handling	IR-4	IR-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
IR-4				IR-4 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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IR-5		Incident Monitoring	IR-5	IR-5	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IR-6		Incident Reporting	IR-6	IR-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IR-6				IR-6 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IR-7		Incident Response Assistance	IR-7	IR-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IR-7	1			IR-7 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
IR-7	2			IR-7 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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IR-8		Incident Response Plan	IR-8	IR-8	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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IR-8					(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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IR-8					(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.			
1.9. Maintenance (MA)											
MA-1		System Maintenance Policy and Procedures	MA-1	MA-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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MA-2		Controlled Maintenance	MA-2	MA-2	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MA-2	1			MA-2 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MA-3		Maintenance Tools		MA-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MA-3	1			MA-3 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MA-3	2			MA-3 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MA-3	3			MA-3 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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MA-4		Non-Local Maintenance	MA-4	MA-4	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MA-4	1			MA-4 (1)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
MA-4	2			MA-4 (2)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
MA-5		Maintenance Personnel		MA-5		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
MA-6		Timely Maintenance		MA-6		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.10		Media Protection (MP)								

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MP-1		Media Protection Policy and Procedures	MP-1	MP-1	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MP-2		Media Access	MP-2	MP-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MP-2	1			MP-2 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MP-3		Media Marking		MP-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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MP-4		Media Storage		MP-4	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MP-4	1			MP-4 (1)			Not Implemented. Backup tapes are encrypted, but SAN disks are not.			
MP-5		Media Transport		MP-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MP-5	2			MP-5 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
MP-5	4			MP-5 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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MP-6		Media Sanitization	MP-6	MP-6	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
MP-6	4			MP-6 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.11 Physical and Environmental Protection (PE)											
PE-1		Physical and environmental protection policy and procedures	PE-1	PE-1				Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-2		Physical Access Authorizations	PE-2	PE-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PE-3		Physical Access Control	PE-3	PE-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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PE-3					(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.		
PE-4		Access Control for Transmission Medium		PE-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-5		Access Control for Output Devices		PE-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-6		Monitoring Physical Access	PE-6	PE-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-6	1			PE-6 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-7		Visitor Control	PE-7	PE-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-7	1			PE-7 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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PE-8		Access Records	PE-8	PE-8	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-9		Power Equipment and Power Cabling		PE-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-10		Emergency Shutoff		PE-10			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-11		Emergency Power		PE-11			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-12		Emergency Lighting	PE-12	PE-12			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-13		Fire Protection	PE-13	PE-13			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-13		1		PE-13 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-13		2		PE-13 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PE-13		3		PE-13 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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PE-14		Temperature and Humidity Controls	PE-14	PE-14	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PE-14							Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PE-15		Water Damage Protection	PE-15	PE-15			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PE-16		Delivery and Removal	PE-16	PE-16			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PE-17		Alternate Work Site		PE-17			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PE-18		Location of Information System Components		PE-18			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.12 Planning (PL)											
PL-1		Security Planning Policy and Procedures	PL-1	PL-1				Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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PL-2		System Security Plan	PL-2	PL-2	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PL-4		Rules of Behavior	PL-4	PL-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PL-5		Privacy Impact Assessment	PL-5	PL-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PL-6		Security-Related Activity Planning		PL-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.13 Personnel Security (PS)										

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PS-1		Personnel Security Policy and Procedures	PS-1	PS-1	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PS-2		Position Categorization	PS-2	PS-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PS-3		Personnel Screening	PS-3	PS-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
PS-4		Personnel Termination	PS-4	PS-4			Implemented	Implemented. Assessed by clients for current ATOs.		

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PS-5		Personnel Transfer	PS-5	PS-5	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PS-6		Access Agreements	PS-6	PS-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PS-7		Third-Party Personnel Security	PS-7	PS-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
PS-8		Personnel Sanctions	PS-8	PS-8			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.14 Risk Assessment (RA)											
RA-1		Risk Assessment Policy and Procedures	RA-1	RA-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
RA-2		Security Categorization	RA-2	RA-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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RA-3		Risk Assessment	RA-3	RA-3	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
RA-3											
RA-3									Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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RA-5		Vulnerability Scanning	RA-5	RA-5	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
RA-5					(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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RA-5	1			RA-5 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
RA-5	2			RA-5 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
RA-5	3			RA-5 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
RA-5	6			RA-5 (6)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
RA-5	9			RA-5 (9)			Not implemented. FDC currently conducts own penetration testing, but IBM is willing to contract a third party for annual penetration testing at additional cost.			
1.15 System and Services Acquisition (SA)										
SA-1		System and Services Acquisition Policy and Procedures	SA-1	SA-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SA-2		Allocation of Resources	SA-2	SA-2	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-3		Life Cycle Support	SA-3	SA-3			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-4		Acquisitions	SA-4	SA-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-4	1			SA-4 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-4	4			SA-4 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-4	7			SA-4 (7)			Not Implemented for all components. Only implemented for a subset of components.			

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SA-5		Information System Documentation	SA-5	SA-5	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-5	1			SA-5 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-5	3			SA-5 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-6		Software Usage Restrictions	SA-6	SA-6			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-7		User-Installed Software	SA-7	SA-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SA-8		Security Engineering Principles		SA-8	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-9		External Information System Services	SA-9	SA-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-9	1			SA-9 (1)			N/A. The FDC does not outsource any security services.			
SA-10		Developer Configuration Management		SA-10			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-11		Developer Security Testing		SA-11			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SA-11	1			SA-11 (1)			N/A. The FDC infrastructure does not include any custom code.			

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SA-12		Supply Chain Protection		SA-12	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.16 System and Communications Protection (SC)										
SC-1		System and Communications Protection Policy and Procedures	SC-1	SC-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-2		Application Partitioning		SC-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-4		Information in Shared Resources		SC-4			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-5		Denial of Service Protection	SC-5	SC-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-6		Resource Priority		SC-6			Implemented at OS and network levels	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7		Boundary Protection	SC-7	SC-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SC-7	1			SC-7 (1)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	2			SC-7 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	3			SC-7 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	4			SC-7 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	5			SC-7 (5)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	7			SC-7 (7)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	8			SC-7 (8)				N/A. The FDC does not route traffic to external networks.		

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Control Number	Enhancement	Control Name	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO; (authorizing organization);(MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
SC-7	12			SC-7 (12)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	13			SC-7 (13)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-7	18			SC-7 (18)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-8		Transmission Integrity		SC-8			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-8	1			SC-8 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-9		Transmission Confidentiality		SC-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-9	1			SC-9 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-10		Network Disconnect		SC-10			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SC-11		Trusted Path		SC-11	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-12		Cryptographic Key Establishment and Management	SC-12	SC-12			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-12	2			SC-12 (2)			Not Implemented.			
SC-12	5			SC-12 (5)			Not Implemented.			
SC-13		Use of Cryptography	SC-13	SC-13			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-13	1			SC-13 (1)			Not Implemented.			
SC-14		Public Access Protections	SC-14	SC-14			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-15		Collaborative Computing Devices	SC-15	SC-15			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-17		Public Key Infrastructure Certificates		SC-17			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SC-18		Mobile Code		SC-18	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-19		Voice Over Internet Protocol		SC-19			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-20		Secure Name /Address Resolution Service (Authoritative Source)	SC-20	SC-20			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-20	1		SC-20 (1)	SC-20 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-21		Secure Name/ Address Resolution Service (Recursive or Caching Resolver)		SC-21			Not Implemented.			
SC-22		Architecture and Provisioning for Name/Address Resolution Service		SC-22			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-23		Session Authenticity		SC-23			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-28		Protection of Information at Rest		SC-28			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SC-30		Virtualization Techniques		SC-30			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SC-32		Information System Partitioning		SC-32	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.17 System and Information Integrity (SI)										
SI-1		System and Information Integrity Policy and Procedures	SI-1	SI-1			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-2		Flaw Remediation	SI-2	SI-2			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-2	2			SI-2 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SI-3		Malicious Code Protection	SI-3	SI-3	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-3	1			SI-3 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-3	1			SI-3 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-3	3			SI-3 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SI-4		Information System Monitoring		SI-4	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-4	2			SI-4 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-4	4			SI-4 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SI-4	5			SI-4 (5)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-4	6		SI-4 (6)	Implemented			Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
SI-5		Security Alerts, Advisories, and Directives	SI-5	SI-5			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SI-6		Security functionality verification		SI-6	(b) (4)		Not Implemented.			
SI-7		Software and Information Integrity		SI-7			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-7	1			SI-7 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-8		Spam Protection		SI-8			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-9		Information Input Restrictions		SI-9			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-10		Information Input Validation		SI-10			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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SI-11		Error Handling		SI-11	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
SI-12		Information Output Handling and Retention	SI-12	SI-12			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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1.1. Access Control (AC)											
	AC-10		Concurrent Session Control		AC-10	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	AC-11	1			AC-11 (1)			Not Implemented.			
	AC-16		Security Attributes		AC-16			Not Implemented.			
	AC-18	2			AC-18 (2)			N/A. The IBM FDC does not permit wireless access.			
	AC-2	7			AC-2 (7)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	AC-3	3			AC-3 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.3. Audit and Accountability Policy and Procedures (AU)											
1.4. Assessment and Authorization (CA)											
	CA-2	1		CA-2 (1)	CA-2 (1)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	

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	CA-7	2			CA-7 (2)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012		
1.5.	Configuration Management (CM)												
	CM-2	5			CM-2 (5)					Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	CM-5	1			CM-5 (1)					Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	CM-5	5			CM-5 (5)					Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	CM-6	1			CM-6 (1)					Not Implemented.			

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	CM-8	3			CM-8 (3)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.6. Contingency Planning (CP)									Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	CM-9	2			CP-2 (2)				Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	CP-10	3			CP-10 (3)				Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.7. Identification and Authentication (IA)												
1.8. Incident Response (IR)												

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	IR-7	2			IR-7 (2)	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.9.	Maintenance (MA)										
	MA-3	3			MA-3 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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	MA-5		Maintenance Personnel	MA-5	MA-5	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
1.10.	Media Protection (MP)										
	MP-4	1			MP-4 (1)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012
	MP-6	4			MP-6 (4)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012

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Referen	Control Number	Enl	Control Description	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)					
	MP-6	5				(b) (4)		N/A. The FDC does not currently protect classified information.				
1.14.	Risk Assessment (RA)											
	RA-5	2			RA-5 (2)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	RA-5	3			RA-5 (3)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	RA-5	6			RA-5 (6)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	RA-5	9			RA-5 (9)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.15.	System and Services Acquisition (SA)											
	SA-11	1			SA-11 (1)				N/A. The FDC infrastructure does not include any custom code.			

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	SA-12		Supply Chain Protection		SA-12	(b) (4)		Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	SA-4	7			SA-4 (7)			Not Implemented or all components. Only implemented for a subset of components.				
	SA-9	1			SA-9 (1)			N/A. The FDC does not outsource any security services.				
1.16.	System and Communications Protection (SC)											

Attachment 5 Agency Mandatory Security Control Enhancements and Clarifications

Company Name		IBM										
Referen	Control Number	En	Control Description	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO (MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)	
	SC-12	2			SC-12 (2)	(b) (4)		Not Implemented.				
	SC-12	5			SC-12 (5)			Not Implemented.				
	SC-13	1			SC-13 (1)			Not Implemented.				
	SC-21		Secure Name/ Address Resolution Service (Recursive or Caching Resolver)		SC-21			Implemented				
	SC-6		Resource Priority		SC-6			Implemented at OS and network levels	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	SC-7	8			SC-7 (8)			N/A. The FDC does not route traffic to external networks.				
	SC-7	12			SC-7 (12)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	SC-7	13			SC-7 (13)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
	SC-7	18			SC-7 (18)			Implemented	Implemented. Assessed by clients for current ATOs.	HUD ATO 9/2011; EPA ATO 1/2012; DOJ ATO 1/2012; HUD Audit 8/2012	FedRAMP evaluation requested 6/8/2012; projected 12/31/2012	
1.17.	System and Information Integrity (SI)											

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Company Name						IBM					
Referen	Control Number	Enl	Control Description	Low-Impact	Moderate-Impact	Control Requirement	Control Parameter (If Applicable)	Vendor Self Assessment (Control Implemented or Not Implemented)	Third Party Assessment (Control Implemented or Not Implemented)	Effective Date of Current ATO (MM/DD/YYYY)	Effective Date (Actual/Projected) of FedRAMP Provisional ATO (MM/DD/YYYY)
	SI-6		Security functionality verification		SI-6	(b)	(4)	Not Implemented.			