

Date of Approval: **August 11, 2021**

PIA ID Number: **6246**

SYSTEM DESCRIPTION

Enter the full name and acronym for the system, project, application and/or database.

General Support System Amazon Web Services Cloud S, GSS AWS

Is this a new system?

Yes

What governance board or Executive Steering Committee (ESC) does this system report to? Full name and acronym.

Not Applicable.

Current ELC (Enterprise Life Cycle) Milestones:

Operations & Maintenance (i.e., system is currently operational)

Is this a Federal Information Security Management Act (FISMA) reportable system?

Yes

GENERAL BUSINESS PURPOSE

What is the general business purpose of this system? Provide a clear, concise description of the system, application or database, the reason for the system, and the benefits to the IRS to use the information, and how the information will be used.

The IRS has begun standing up applications with the Amazon Web Services cloud. Any servers that the IRS or contractors acting on behalf of the IRS manage, need to be placed into a FISMA Boundary. The GSS AWS boundary contains all servers and devices that are directly managed by the IRS. This includes the operating system, middleware, and database management systems hosting IRS applications. Enterprise Case Management (ECM) and other applications hosted on the GSS AWS will use Social Security Numbers (SSN), as well as Employee Identification Numbers. The data also includes Name, Mailing Addresses, Phone Numbers, Email addresses, Standard Employee Identifiers (SEID), Tax Account Information, and Centralized Authorization Files (CAF). ECM uses a taxpayer's SSN to manage and conduct account adjustments between the ECM solution and Integrated Data Retrieval System (IDRS) and other systems (Individual Master File (IMF), Business Master File (BMF), etc.)

PII DETAILS

Does the system use, collect, receive, display, store, maintain, or disseminate IR Code 6103 taxpayer information: or any other type of Sensitive but Unclassified (SBU) information or PII such as information about IRS employees or outside stakeholders?

Yes

Does the system use, collect, receive, display, store, maintain, or disseminate Social Security Numbers (SSN's) or tax identification numbers (i.e., last 4 digits, etc.)?

Yes

What types of tax identification numbers (TIN) apply to this system?

Social Security Number (SSN)

List the approved Treasury uses of the SSN:

Interfaces with external entities that require the SSN

Explain why the authorized use(s) above support the new or continued use of SSNs (or tax identification numbers).

This is used by applications hosted on the GSS. GSS AWS does not have any need for Social Security Numbers. But they are stored on servers hosting applications like Enterprise Case Management (ECM).

Describe the planned mitigation strategy and forecasted implementation date to mitigate or eliminate the use of SSN's (or tax identification numbers).

This is used by applications hosted on the GSS. GSS AWS does not have any need for Social Security Numbers. But they are stored on servers hosting applications like Enterprise Case Management (ECM).

Employer Identification Number

Does this system use, collect, receive, display, store, maintain or disseminate other (non-SSN) PII (i.e., names, addresses, etc.)?

Yes

Specify the PII Elements:

Name
Mailing address
Phone Numbers
E-mail Address
Standard Employee Identifier (SEID)
Financial Account Numbers
Employment Information
Tax Account Information
Centralized Authorization File (CAF)

Does this system use, collect, receive, display, store, maintain, or disseminate SBU information that is not PII?

Yes

Specify the types of SBU from the SBU Types List:

Proprietary data Business information that does not belong to the IRS.

Protected Information Information which if modified, destroyed, or disclosed in an unauthorized manner could cause loss of life, loss of property or funds by unlawful means, violation of personal privacy or civil rights, gaining of an unfair procurement advantage by contractors bidding on government contracts, or disclosure of proprietary information entrusted to the Government.

Are there other types of SBU/PII used in the system?

No

Cite the authority for collecting SBU/PII (including SSN if relevant).

PII for federal tax administration is generally Internal Revenue Code Sections 6001, 6011, & 6012e(a)

SSN for personnel administration (IRS Employees) is 5 USC & Executive Order 9397

PII for personnel administration is 5 USC

Has the authority been verified with the system owner?

Yes

BUSINESS NEEDS AND ACCURACY

Explain the detailed business needs and uses for the SBU/ PII, and how the SBU / PII is limited only to that which is relevant and necessary to meet the mission requirements of the system. If SSNs (or tax identification numbers) are used, explicitly explain why use of SSNs meets this criteria. Be specific.

The GSS will host, and store data needed by applications themselves. Though the infrastructure is maintained by Enterprise Operations, any PII stored for the applications, is for their need and use. There is no PII needed or processed for GSS AWS. Though if a hosted application needs PII and stores it in the database, that database is maintained by the hosting GSS.

How is the SBU/PII verified for accuracy, timeliness, and completion?

This is done by the hosted applications if they have a need for PII or SBU.

PRIVACY ACT AND SYSTEM OF RECORDS

The Privacy Act requires Federal agencies that maintain a system of records to publish systems of records notices (SORNs) in the Federal Register for records from which information is retrieved by any personal identifier for an individual who is a US citizen, or an alien lawfully admitted for permanent residence. The Privacy Act also provides for criminal penalties for intentional noncompliance.

Does your application or this PCLIA system pertain to a group of any record from which information is retrieved by any personal identifier for an individual who is a US citizen, or an alien lawfully admitted for permanent residence? An identifier may be a symbol, voiceprint, SEID, or other personal identifier that is used to retrieve information.

Yes

Identify the Privacy Act SORN(s) that cover these records.

IRS 24.046 Customer Account Data Engine Business Master File

IRS 00.333 Third Party Contact Records

IRS 22.061 Information Return Master File

IRS 24.030 Customer Account Data Engine Individual Master File

RESPONSIBLE PARTIES

Identify the individuals for the following system roles:

Official Use Only

INCOMING PII INTERFACES

Does the system receive SBU/PII from other systems or agencies?

Yes

Does the system receive SBU/PII from IRS files and databases?

Yes

Enter the files and databases:

System Name: IRS AWS GovCloud NetHub Core Services

Current PCLIA: Yes

Approval Date: 11/18/2019

SA&A: No

System Name: Enterprise Case Management (ECM)

Current PCLIA: Yes

Approval Date: 6/9/2021

SA&A: Yes

ATO/IATO Date: 2/11/2021

Does the system receive SBU/PII from other federal agency or agencies?

No

Does the system receive SBU/PII from State or local agency (-ies)?

No

Does the system receive SBU/PII from other sources?

No

Does the system receive SBU/PII from Taxpayer forms?

No

Does the system receive SBU/PII from Employee forms (e.g., the I-9)?

No

DISSEMINATION OF PII

Does this system disseminate SBU/PII?

No

PRIVACY SENSITIVE TECHNOLOGY

Does this system use social media channels?

No

Does this system use privacy-sensitive technologies such as mobile, global position system (GPS), biometrics, RFID, etc.?

No

Does the system use cloud computing?

Yes

Is the cloud service provider (CSP) Federal Risk and Authorization Management Program (FedRAMP) certified?

Yes

Date Certified.

5/21/2013

Please identify the ownership of the CSP data.

IRS

Does the CSP allow auditing?

Yes

Who audits the CSP Data?

IRS

What is the background check level required for CSP?

Moderate

Is there a breach/incident plan on file?

Yes

Privacy laws (including access and ownership) can differ in other countries. This cloud will be Continental US (CONUS) only for:

Storage
Transmission
Maintenance

Does this system/application interact with the public?

No

INDIVIDUAL NOTICE AND CONSENT

Was/is notice provided to the individual prior to collection of information?

Yes

How is notice provided? Was the individual notified about the authority to collect the information, whether disclosure is mandatory or voluntary, the purpose for which the information will be used, with whom the information may be shared, and the effects on the individual, if any, if they decide not to provide all or any of the requested information?

This depends on the hosted applications. This PCLIA is for the hosting infrastructure.

Do individuals have the opportunity to decline from providing information and/or from consenting to particular uses of the information?

No

Why not?

This depends on the hosted applications. This PCLIA is for the hosting infrastructure.

How does the system or business process ensure 'due process' regarding information access, correction, and redress?

This depends on the hosted applications. This PCLIA is for the hosting infrastructure.

INFORMATION PROTECTION

Identify the owner and operator of the system (could be IRS owned and Operated; IRS owned, contractor operated; contractor owned and operated).

IRS Owned and Operated

The following people have access to the system with the specified rights:

IRS Contractor Employees

Contractor System Administrators: Administrator

How is access to SBU/PII determined and by whom?

This depends on the hosted applications. This PCLIA is for the hosting infrastructure. GSS AWS does not require PII or SBU.

RECORDS RETENTION SCHEDULE

Are these records covered under a General Records Schedule (GRS, IRS Document 12829), or has the National Archives and Records Administration (NARA) approved a Records Control Schedule (RCS, IRS Document 12990) for the retention and destruction of official agency records stored in this system?

Yes

How long are the records required to be held under the corresponding GRS or RCS, and how are they disposed of? In your response, please provide the GRS or RCS chapter number, the specific item number, and records series title.

All records for the GSS AWS will be deleted or destroyed in accordance with approved retention periods. Any records will be managed according to requirements under IRM 1.15.1 and 1.15.6 and will be destroyed using IRS Document 12829 General Records Schedule (GRS) 3.1, Item 010, Information technology development project records and as coordinated with the IRS Records and Information Management (RIM) Program and IRS Records Officer.

SA&A OR ASCA

Has the system been through SA&A (Security Assessment and Authorization) or ASCA (Annual Security Control Assessment)?

In-process

When is the anticipated date of the SA&A or ACS completion?

7/30/2021

Describe the system's audit trail.

All system level and database level events are captured and stored at the IRS in a on premises instance of Splunk.

PRIVACY TESTING

Does the system require a System Test Plan?

No

Please explain why:

This depends on the hosted applications. This PCLIA is for the hosting infrastructure.

SBU DATA USE

Does this system use, or plan to use SBU Data in Testing?

No

NUMBER AND CATEGORY OF PII RECORDS

Identify the number of individual records in the system for each category:

IRS Employees: Under 50,000

Contractors: Under 5,000

Members of the Public: 100,000 to 1,000,000

Other: No

CIVIL LIBERTIES

Does the system maintain any information describing how any individual exercises their rights guaranteed by the First Amendment?

No

Is the system information used to conduct 'data-mining' as defined in the Implementing Recommendations of the 9/11 Commission Act of 2007, Public Law 110-53, Section 804?

No

Will this system have the capability to identify, locate, and monitor individuals or groups of people?

No

Does computer matching occur?

No

ACCOUNTING OF DISCLOSURES

Does the system include or require disclosure of tax or employee information to anyone other than IRS employees in the performance of their duties, or to the person to whom the information pertains or to a 3rd party pursuant to a Power of Attorney, tax, or Privacy Act consent?

No