PHS 398 Form Change
4-digit SSN

Saving/Overwriting SSN Data

Input	Stored	Comparison	Action
4-digit	Blank	--	Store 4-digit
4-digit	9-digit	4-digit matches the last 4 of the 9-digit	Store 9-digit
4-digit	9-digit	4-digit does not match last 4 of an *invalid* 9-digit	Overwrite the 9-digit with the 4-digit
4-digit	9-digit	4-digit does not match last 4 of a *valid* 9-digit	Store 4-digit to the role
9-digit	4-digit	Last 4 of the 9-digit matches the 4-digit	Overwrite the 4-digit with the 9-digit

Implications/Considerations

- eRA modules will need to accommodate a 9-digit <u>and</u> a 4-digit SSN

- The existing database column SSN will continue to be used for storing both 9-digit and 4-digit SSN's

- Modify matching algorithms to accommodate matches of 4-digit SSNs with last four digits of 9-digit SSNs

- Allow wild card without warning message

- Left auto-fill 4-digit entry with zeroes

- Accommodate formatting with hyphens

- Maintain audit trail of SSN changes

Business Areas Long-Term Plans

- Allow entry of 4-digit SSNs without requiring the user to enter leading 0's

- Incorporate logic for when to save 4-digit SSNs to role and/or profile

- Display 4-digit SSNs as 5 zeroes followed by the SSN.

- Correct all matching algorithms to accommodate 4-digit SSNs

- Test all screens and reports to make sure 4-digit SSNs are displayed correctly

- Allow query of 4-digit SSNs with or without a wildcard

Impact by Business Areas - Forms

Business Area	SSN Impacts	Goals/Solutions	Kumaran
Receipt and Referral	SSN entry SSN matching algorithm Query on SSN Hitlist and detail display ORI sanctions check (server side) Persons module	1) keep profile SSN and save the 4-digit ssn to the role 2) modify software to not overwrite profile record with the 4-digit SSN 3) Update algorithm to match on a 4-digit SSN 5) Arch. evaluate putting a constraint on the persons table to eliminate entering invalid SSN (all 9's, 1's)	Phase 2
Shared Persons module	SSN entry SSN matching algorithm Query on SSN Hitlist display of SSN	Coordinate updates/changes with each 'parent' module during/after the conversion	
Committee Management	Display of SSN on multiple screens Persons Module	Possibly add CM Users' alert when selecting a person with a 4 digit SSN or as part of the OFM upload. Will determine after the Kumaran conversion	Phase 1

Impact by Business Areas - Forms continued

Business Area	SSN Impacts	Goals/Solutions	Kumaran
Grants Management	ORI sanctions check (server side) Persons module	Modify J2EE shared persons module via GM to - 1) allow entry of 4 digit SSN; 2) query 4-digit SSN with warning message; 3) format display; 4) update matching algorithm that includes matches on 4 digit SSN	Phase 1 (currently in pilot)
Trainee Activities	Display of SSN on multiple screens Persons module	Provide user message on handling 4 digit SSN	Phase 2
Peer Review	SSN displayed in lookup from prospect screen Persons module	1) Update SSN displayed 2) Update shared persons module	Phase 1
Crisp Plus	Hitlist Display	1) Update hit list SSN format	Phase 2
ICO	Persons module	Coordinate updates/changes with each 'parent' module during/after the conversion	Phase 1
SITS	Entry and display of SSN	TBD	Phase 2

Impact by Business Areas - J2EE

Business Area	SSN Impacts	Goals/Solutions
x-Train	SSN comes in on 2271	Will include as a part of the development specs
Web QT	Query on SSN	Update online help - no other changes required
Commons	Persons account creation and maintenance SSN matching algorithm (August 2005)	Modify matching algorithm to match a 4 digit SSN against the last 4 digits of a 9 digit SSN
eSNAP	Baselined	

Questions or Comments

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