Version 25 (Final) Updated 10/13/11 Includes CAO feedback changes

COURSE: (TS//SI//NF) OVSC1206 Special Training on FISA (Technical)

Module 6: (U) The Technical Work Role

DATE/PREPARER: SLS	Topic (U) Module Introduction		age Classification CRET//COMINT//NOFORN	Sci	Screen Number 1 of 20		
	Home	Exit	Glossary	Back	Next		
FRAME ID: 7010	(U) Module 6 (U) The Techni	cal Work Rol					
NEXT FRAME ID: 7020			ou to: e various technical roles	that support the	BR and PR/TT Bulk		
BACK FRAME ID: η/a	(U) Ident	(U) Identify the responsibilities of each of the technical roles					
ALT TAG:	(U) Recognize key points of the compliance certification process for mission						
GRAPHIC/AV: (U) Image of Technical Character sitting at a desk	• (TS//SI// I	and data flows NE)-Practice a e to technical	pplying BR and PR/TT a	uthorities in real-	life scenarios		

(TE//SI/HNF) (OGC Attorney): During this part of our trip, we discuss several topics of particular interest to those of you in technical roles, or supervising staff in a technical role, supporting the BR and PR/TT Bulk Metadata Programs. It is important for you to remember that the essential support you provide enables all of the roles to perform their BR- and PR/TT-related work in compliance with applicable legal documents and relevant authorities. As we discussed in Module 5, because of this great responsibility, technical personnel have been given tremendous access to touch the data in order to make it available and usable for the analysts.

(TS://SI://NF) (Technical Character): In this module we are going to discuss the authorizations, roles, and responsibilities of the Technical Personnel. This module will enable you to:

• (TS//SI//NF) Identify the various technical roles that support the BR and PR/TT Bulk Metadata Programs

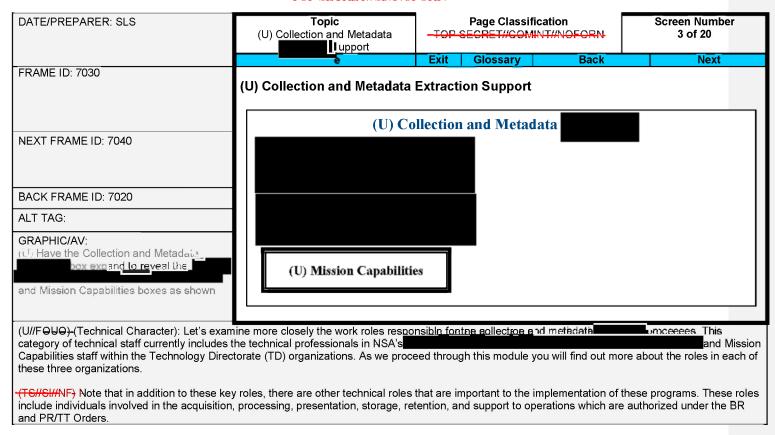
Classified By: slsanc2

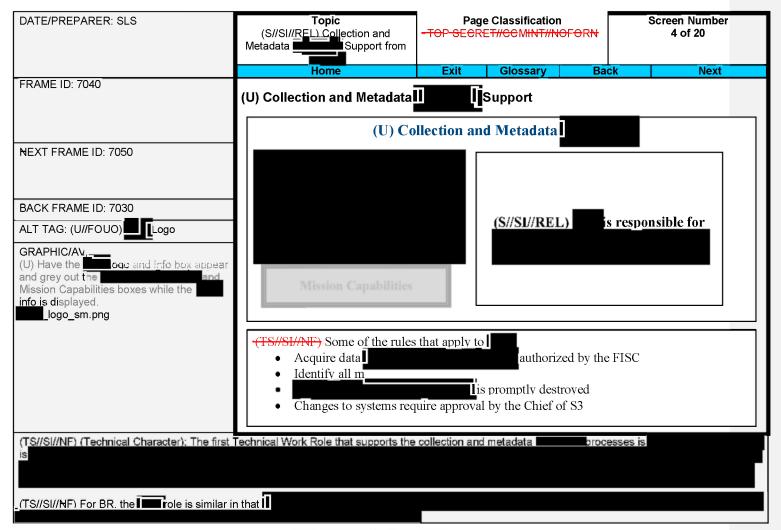
Derived From: NSA/CSSM 1-52

Dated: 20070108 Declassify On: 20350501

- (U) Identify the responsibilities of each of the technical roles
- (U) Recognize key points of the compliance certification process for mission systems and data flows
- (TS://SI://NF) Practice applying BR and PR/TT authorities in real-life scenarios applicable to technical personnel

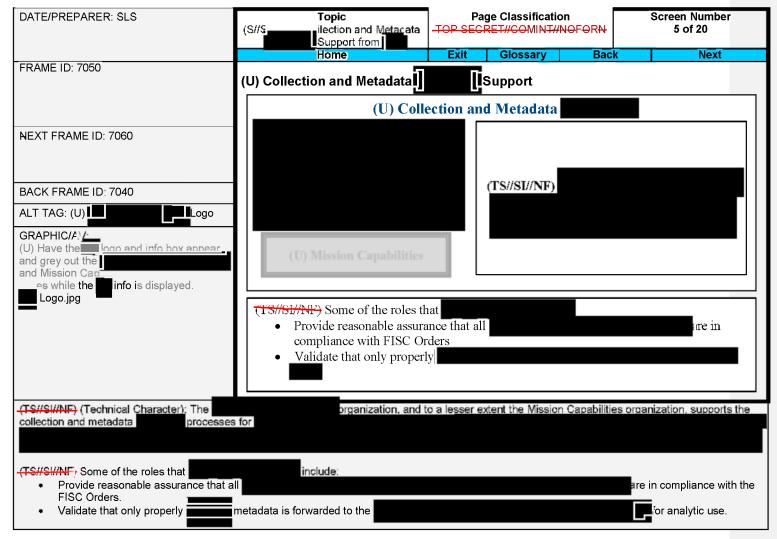
DATE/PREPARER: SLS	Topic (U) Two General Categories of Technical Support Roles	Page Classification TOP -SEGRET#60MINT#NOFORM	2 0	n Number of 20
	Home	Exit Glossary	Back	Next
FRAME ID: 7020	(U) Two General Categories	of Technical Support Rol	es	
NEXT FRAME ID: 7030	(U) Co	ollection and Metadata		
BACK FRAME ID: 7010	(U) Storage, Pre	sentation, and Maintena	nce of the Meta	adata
ALT TAG:		,		
GRAPHIC/AV: (U) Image of Technical Character sitting at a desk				
(TS#SI#NF) (Technical Character): In Modul Metadata Programs. The first is the group of group responsible for storage, presentation, two main areas of responsibility.	technical personnel who are responsi	ble for the collection and metada	ta process	s. The second is the





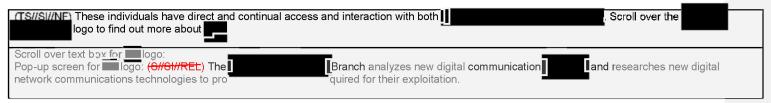
-TOP SECRET//SI//NOFORN-Page 5 of 30

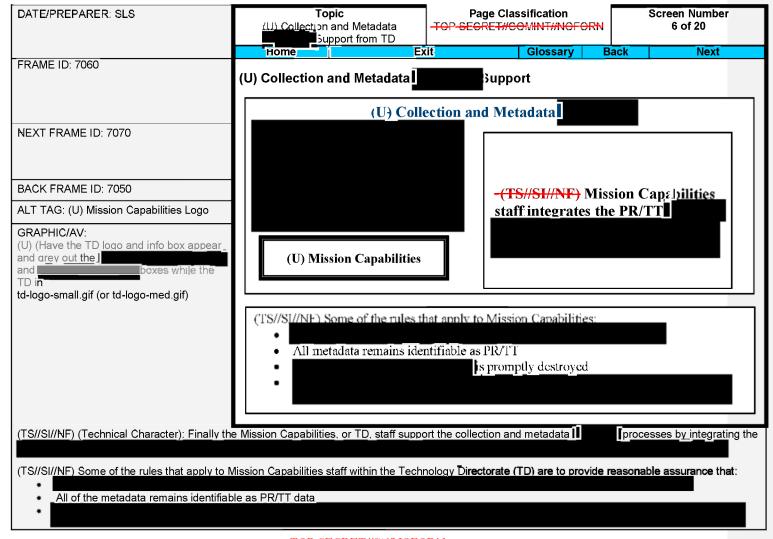
(TS//SI/	'/NF) Some o <u>f the rules that apply to</u>	are to provide reasonable: assurance that:	
•	NSA is only	hat have been authorized by the FISC	
•	All of the metadata is identifiable as BR	or PR/TT data	
•	Data which does not fall within FISC spe	cified requirements regarding	
	promptly destroyed	·	
	Changes to systems under purview	are approved by the Chief of S3 before implementation	_
/TC//CI	—————————————————————————————————————	contact with human intelligible BR and/or PR/TT metadata. Scroll over the	logo
	out more about	Solitate with Haman Intelligible Bit analysis is the intelligible	logo
	ver text kic		
(SLS)	REL) The		



-TOP SECRET//SI//NOFORN -

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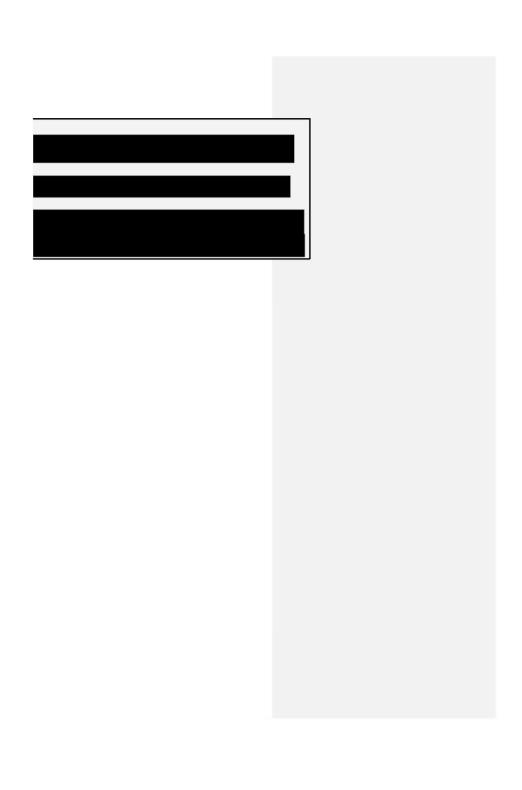


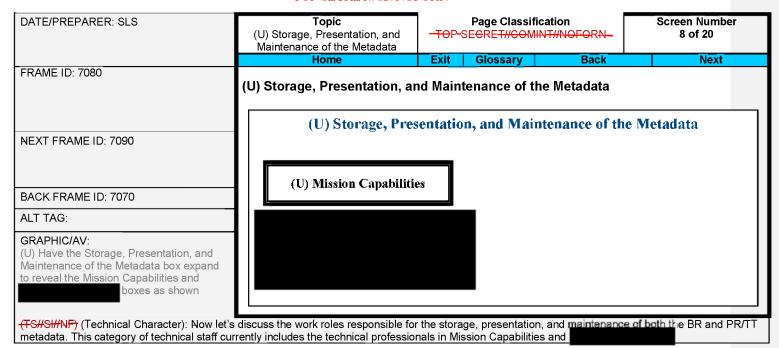


(TS//SI//NF) This staff will rarely come in contact with human intelligible PR/TT metadata. Scroll over the logo to find out more about Mission Capabilities. Scroll over text box for Mission Capabilities logo:
(S//SI//REL) Mission Capabilities

DATE/PREPARER: SLS	Topic (U) Knowledge Check 1	(Ú) <u>TOP SECRET//GOMINT//NOFORN-</u> (nowledge		Screen Number 7 of 20	
	Home	Exit	Glossary	Back	Next
FRAME ID: 7070	(U) Knowledge		to its corresponding ro	les and respo	nsibilities:
NEXT FRAME ID: 7080	1. (TS//SI//NF) S a) (U) Miss b)	staff insion Capabilities	is responsible for de	velopina the	
BACK FRAME ID: 7060 ALT TAG:	c) d) (U) Hom	neland Mission Co	ordinators		
GRAPHIC/AV: (U) NOTE: Use a matching format (responsibilities listed on one side and the organizations listed on the other side) so that the user matches up the organization to the appropriate responsibilities.	b) c)	Staff in sion Capabilities neland Mission Co	is responsible for inte ■including conducting ordinators	egrating the PR/T g related testing p	rior to system
	b)	sion Capabilities			
(U) (Technical Character): Let's make a few not	es in our travel jou	urnal and check to	see what you remember from	this topic!	

For this knowledge check, simply display the correct answers using the format below:					
Question 1. (TS//SI//NF) Staff in	is responsible for				
Question 2. (TS//SI//NF) Staff in Mi	ssion Capabilities is responsible for integrating the PR/TT				
Question 3. (TS//Si//NF) Staff in	is responsible for				





DATE/PREPARER: SLS	Topic (U) Storage, Presentation, and Maintenance of Metadata by TD	Page Classification TOP -SECRET//COMINT//NOFORN-	Screen Number 9 of 20				
FRAME ID: 7090	(U) Storage, Presentation, and Maintenance of the Metadata						
NEXT FRAME ID: 7100		(TS//SI//NF) Mission responsible	n Capabilities is le for:				
BACK FRAME ID: 7080 ALT TAG: (U) Mission Capabilities Logo	(U) Mission Capabilities	Developing, maintaini repositories that store PR/TT metadata					
GRAPHIC/AV: (U) Have the TD Is go and info box appear and grey out the boxes while the Mission Capabilities info is displayed. td-logo-small.gif (or td-logo-med.gif)	 Data must be identifiable as Implement technical contro Restrict intelligence analysis Ensure intelligence analysis Create auditable records of Destroy all metadata before exceptions!) 	ed in secure NSA repositories is BR or PR/TT als to prevent unauthorized access is queries to RAS-approved identifies queries remain within authorized at all intelligence analysis queries the end of the five year authorized expectation of the compliance of the certified by the TD Compliance Compl	number of hops retention period (no				

(Ts//sl//NF)-(Technical Character): You will recall that Mission Capabilities supports collection and metadata and other branches of Mission Capabilities support storage, presentation, and maintenance of the metadata. For the latter, the staff is typically database management and user interface professionals who are responsible for developing, maintaining, and operating the that store and present BR and PR/TT metadata, as well as

(TS//SI//NF) Some of the rules that apply to Mission Capabilities include:

- Metadata must be maintained in secure NSA repositories
- Data items must be identifiable as BR or PR/TT metadata
- · Implement technical controls to prevent unauthorized access
- Implement technical controls to restrict intelligence analysis queries to RAS-approved identifiers (e.g. the EAR)
- Implement technical controls to provide reasonable assurance that the results of intelligence analysis queries remain within the authorized number of hops
- Create auditable records of all intelligence analysis queries
- Destroy all metadata before the end of the five year authorized retention period (no exceptions for backup data)

. .

•

(TS//SI//NF) This staff will come in contact with human intelligible BR and PR/TT metadata.

DATE/PREPARER: SLS	Topic	י [Page Classification		Screen Number	
	(U) Storage, Presentation, and Maintenance of the Metadata by PE	_erer	-10P- RE T//CO M INT//NOFO	RN	10 of 20	
	Home	Exit	Glossary	Back	Next	
FRAME ID: 7100	(U) Storage, Presentation, and M	aintena	nce of the Metad	ata		
NEXT FRAME ID: 7110	(U) Storage, Presenta	tion, a	nd Maintenance	of the N	Metadata	
BACK FRAME ID: 7090 ALT TAG: (U) Logo	(U) Mission Capabilities		(TS#SH/NF) Pro respondence of the control of the co	nsible fo	or:	
GRAPHIC/AV: (U) Have the PE logo and info box appear and grey out the Mission Capabilities boxes while the info is displayed logo jpg			presented in a u	sable forn		
	Normalizing Reviewing data to ensure records i Assist in ensuring that data to be p Providing operational support to ir within the authorized number of he	nclude on resented to itelligence	o analysts will be in a us	able format		
	accurate representation and integrity of the itelligence analysts. Because of this dual rol	e. apply wh	i. In this context, must ap nich allow broader acc	ess to the		

restrictive.

(TS//SI//NF) For BR, performs unique functions to include:

- Normalizing all of the disparate data formats
- Reviewing the data to validate that the records include only data
- Assist in ensuring that the data to be presented to the analysts will be in a usable format
- Providing operational support as necessary to intelligence analysts; support is limited to RAS-approved identifiers within the authorized number of hops

DATE/PREPARER: SLS	Topic Knowledge		Page Classification CRET#COMINT#NOFORN	Sc	creen Number 11 of 20
	Check 2				
EDAME ID TAKE	Home	Exit	Glossary	Back	Next
FRAME ID: 7110		nich one of these	e is <u>not</u> one of the roles and respor and validating the metadata to mak		
NEXT FRAME ID: 7130	c) (\$#\$##RE	L) Running an i	ew tools to support querying of BR ntelligence analysis query using a		
	who is exp	periencing probl	ems recreating their query results		
BACK FRAME ID: 7100			intelligence analysis query using encing problems recreating their		
ALT TAG:	e) (U) Both C	and D	31	. ,	
GRAPHIC/AV:	c) (U) Review c) (U) Ensuring d) (U) Assist e) (U) Destroy for backup f) -(S#S#RE approved 6. (TS#S#NE) Day maintain, and oper algorithms/process a) b) c) d) (U)	alizing all of the wing the data to the ensuring the py all metadata to data to dentifiers with tabase managerate the esses that prepare to Homeland Misser Comments of the ensuring the ensuri	e disparate data formats o validate that the records included maintained in secure NSA repositors at the data to be presented to the performant support as necessary in the authorized number of how ment and user interface profession that store and present BR and Far, optimize, and characterize the massion Coordinators	de data I ries. e analysts will orized retention to intelligence ps als in PR/TT metadata	be in a usable format a period (no exceptions a analysts on RAS- develop.
(U) (Technical Character): Let's check what	you remember from	this topic!			
Question 4. (TS#Si#NF) Correct! Running a	n intelligence analysi	is query using a	non-RAS-approved identifier for a	n analyst who is	experiencing problems

recreating their query results is not one of the roles and responsibilities of the technical personnel.
(TS//SH/NF) Incorrect. The correct answer is d). Running an intelligence analysis query using a non-RAS-approved identifier for an analyst who is experiencing problems recreating their query results is <u>not</u> one of the roles and responsibilities of the technical personnel.
Question 5. (TS//SI//NF) Correct!
Quest on 6. (TS#SI#NF) Correct! Database management and user interface professionals in Mission Capabilities develop, maintain, and operate the that store and present BR and PR/TT metadata, and develop algorithms/processes that prepare, optimize, and characterize the metadatal
(TS//SI//NF) Incorrect The correct answer is a). Database management and user interface professionals in Mission Capabilities develop, maintain, and operate the that store and present BR and PR/TT metadata, and develop algorithms/processes that prepare, optimize, and characterize the metadata

DATE/PREPARER: SLS	Topic (U) The Compliance Certification Process	Page Classification TOP SECRET#COMINT#NOFORN		Screen Number 12 of 20			
	Home	Exit	Glossary		Back	Next	
FRAME ID: 7130	(U) The Compliance C			v check	for all syste	ems handling U.S.	
NEXT FRAME ID: 7140	(U//FOUO) Compliance certification is a mandatory check for all systems handling U.S. person or FISA data(U) Guidelines governing the certification process are maintained by the TD Compliance Office						
BACK FRAME ID: 7110	(U) Compliance should	d be inte	grated into the deve	elopmen	t process		
ALT TAG:							
GRAPHIC/AV: (U) Image of Technical Character sitting at a desk							

(TS#S#NF) (Technical Character): Next we will discuss the compliance certification process used by technical personnel who develop mission technologies to include those supporting the BR and PR/TT Programs. Compliance certification is a mandatory check for all systems handling U.S. person or FISA data. Guidelines governing the certification process are maintained by the TD Compliance Office. This process supports compliance with the applicable laws and authorities and supports the NSA Way. The NSA Way is a unified framework for building large (or small), complex, primarily software systems that meet the diverse needs of NSA missions. An important point is that compliance should be integrated into the development process.

DATE/PREPARER: SLS	Topic (U) The Compliance	- TO P-	Page Classification SECRET//COMINT//NOFORN-	Classification Screen Number F//COMINT//NOFORN 13 of 20		
	Certification Process Home	Exit	Glossary	Back	Next	
FRAME ID: 7140 NEXT FRAME ID: 7150	(U) Following the Co	omplian	ce Certification Process e certification process is to in			
BACK FRAME ID: 7130						
ALT TAG:	1					
GRAPHIC/AV: (U) Insert Compliance Gates image – if image is too large for the window, create a separate pop-up to view in full screen. Note: Compliance Gates graphic from Compliance_Gates_updated 2-28-11.pptx Display the screen shot of when the "To begin the celprocess" topic is discussed Redisplay the Compliance_Gates.png graphic						
TS://SI//NF; (Technical Character): The goal of the compliance certification process is to integrate compliance into the development phase. The gates shown in the compliance process represent distinct requirements that must be satisfied in order to provide reasonable assurance of compliance. The architects of the new technology develop engineering documents to support these requirements. The TD certification group reviews the artifacts to verify the compliance process requirements are being met. (TS://SI//NF) The compliance certification process begins by registering in II Access the site by typing Into your web browser. Once registration is complete, you will receive a requirements pa (U//FOUO) Compliance is an ongoing process. Anv change or update to previously certified software requires recertification to remain compliant. In other words, if you develop a modification or upgrade to the software, then you need to register the software modification in to begin the recertification process.						

(TS//SI//NF) Formal approval is required for all new and/or different BR and PR/TT systems. Under no circumstances can a change be made to a software system (even for testing purposes) without going through the compliance certification (or recertification) process.

DATE/PREPARER: SLS	Topic (U) The Dataflow Process	Page Classification TOP SECRET#GOMINT#NOFORN			Screen Number 14 of 20	
	Home	Exit	Glossary	Back	Next	
FRAME ID: 7150	(U) The Dataflow Proce	ess				
NEXT FRAME ID: 7170	(U//FOUO) The goal of one accountability and comp					
	(U//FOUO) Triggers for (limited to):	entering t	he dataflow gover	nance process inc	clude (but are not	
BACK FRAME ID: 7140	 Adding a 					
ALT TAG:	Replacing an exist a property of the control o	• .	•			
GRAPHIC/AV: (U) Image of Technical Character sitting at a desk	Inserting a procesAdding a new misLegacy migration	ssion eler				

(Technical Character): The Collection Strategies and Requirements Center (CSRC) is responsible for dataflow governance, which provides reasonable assurance of accountability and compliance for NSA mission data as it moves throughout NSA systems. This is critical to protect the data, and when we are talking about volumes of U.S. person data you can understand why this is so important.

TS:#SH/NF) The process begins by submitting a dataflow request (usually done by the system builder or access owner) for a new dataflow solution. Then some level of research is needed to determine the type of request and associated needs. Once the requirements are determined, a new processing capability may be developed, or an existing flow may be reconfigured to meet the new requirement. The solution must then be tested and obtain official sign-off at which time CSRC authorization to operate would be issued.

(U//FOUO) In general, triagers for entering the dataflow governance process include (but are not limited to):

- Replacing an existing repository
- Inserting a process or system into the flow
- Adding a new mission element
- Legacy migration (moving an existing unmanaged flow to a managed flow)

(TS://S:I//NF) Formal approval is required for all new and/or different BR and PR/TT data flows. Under no circumstances can a change be made to a data flow (even for testing purposes) without going through the dataflow governance process.

(U//FQUQ) To find out more about the dataflow process, please refer to the Dataflow webpage by typing 'go dataflow' in your web browser.

DATE/PREPARER: SLS	Topic (U) Knowledge	ا TOP ن E	Page Classification CRE T//CO M INT//NOFORN	Scr	Screen Number 15 of 20	
	Check 3 Home	Exit	Glossary	Back	Next	
FRAME ID: 7170	(U) Knowledge Chec	ck 3	ication process for new systems		NGAL	
NEXT FRAME ID: 7180	b) (U//FOU(c) (U//FOU (d) (U) All of	O) Contacting N O) Entering the the above	SA Way Team new software or system into			
BACK FRAME ID: 7150	a) I		<u>Lis a reas</u> on for entering the	e dataflow governar	ice process?	
ALT TAG:		acing an existing ting a process o	repository r system into the flow			
GRAPHIC/AV:	d) (U) Modi	fying a bulk m ng an existing u	ow			
	the developers would a) (U) conta b) (U) regis c) (U) obtain	l need to		ant. cation	s BR or PR/TT data,	
(U) (Technical Character): Let's make a fe	w notes in our travel jou	urnal and check	to see what you remember from	n this topic!		
Question 7 (U//FCUO) Correct! The comp			tems is triggered by entering thess for new systems is triggered			
Question 8. (U/#FOUQ) Correct! Modifying (U//FOUO) Incorrect. The correct answer i					e process.	
Question 9. (U/#FOUO) Correct! Before an register the software release in (U#FOUO) Incorrect. The correc would need to register the software release	and undergo com	pliance recertifi	on a system that handles BR or cation in order to remain compli de is released on a system that liance recertification in order to	ant. handles BR or PR/	•	

DATE/PREPARER: SLS	Topic (U) Practice Scenario 1	Page Classification TOP SEGRET#COMINT#NOFORN	Scr	een Number 16 of 20					
	Home	Exit Glossary	Back	Next					
FRAME ID: 7180 NEXT FRAME ID: 7190	(U) Practice Scenario 1 (TS//SH/NF) You are one of the cleared technic sponsible for metadata management within NSA's metadata repositories. You are working with other sponsible for metadata management cleared developers on new query processes and tools. You as set of properly marked recor your team for development purposes from the PR/TT metadata. This set of PR/TT metadata records is stored on a physically isolated system within NSA's secure network and is accessible only to the members of your team. Are your actions in compliance with the terms of the PR/TT Orders?								
BACK FRAME ID: 7160	(U) Please select the BEST answer:								
ALT TAG:	a) -(TS//SI// NF) Yes, bed	cause the PR/TT Orders explicitly autl	norize properly tra	ained technical					
GRAPHIC/AV:	personnel to develop and test new technologies to be used with the PR/TT metadata. b) (TS#SI#NF) No, because the PR/TT Orders prohibit the use of new query processes against any of the PR/TT metadata. c) (TS#SI#NF) Yes, because the prohibit the use of new query processes against any of the PR/TT metadata. c) (TS#SI#NF) Yes, because the prohibit the use of new query processes against any of the PR/TT metadata. c) (TS#SI#NF) Yes, because the prohibit the use of new query processes against any of the PR/TT metadata. c) (TS#SI#NF) Yes, because the prohibit the use of new query processes against any of the PR/TT metadata. d) (U) None of the above are correct.								
(U) (Technical Character): Now let's pr	ractice what we have learned using rea	I-life scenarios. Carefully read the sce	nario and then se	elect the best answer.					
ANSWER:									
b) (TS//SI//NF) Incorrect. The cur PR/TT metada those records to c) (TS//SI//NF)-Correct! The bes	atement is accurate, but this is not what at a records still carry the unique markin leared personnel. Trent Court Orders authorize NSA to de at a records still carry the unique markin cieared personnel. St answer is c). Yes, because the	gs and software controls on the physical velop new query processes. The corresponding software controls on the physical Prince of the physical software controls on the physical software controls.	cally isolated system of the color of the cally isolated system of the carry the	tem to restrict access to Yes, because the tem to restrict access to unique markings and					
	ysically isolated system to restric	e records to	cleared pe						
, ,	rect answer is c). Yes, because the cally isolated system to restrict access	PR/TT metadata records to those records to	s still carry the un eared personnel.						

DATE/PREPARER: SLS	Topic (U) Practice Scenario 2	Page Classification -TOP-⇒EC RE T//CO MINT // N O F O RN-			Screen Number 17 of 20	
	Home	Exit	Exit Glossary		Back	Next
FRAME ID: 7190	(U) Practice Scenario : (TS://SI://NF) You are a management chain has required you provide the briefing, whyour actions in compliance	uested a briefing thich includes scre	en shots of the t	our progre	ess on the late	st version of the tool.
NEXT FRAME ID: 7200	(U) Please select the BEST	answer:				
	a) (U //FO U O)	No, unless all of our briefing held	those on your		nent team and clearances.	l all those who
BACK FRAME ID: 7180	b) (U) No, bec					development using
ALT TAG:	real data. c) (U) Yes. as	long as the query	results shared	durina the	briefing are ne	ever used for
GRAPHIC/AV:	intelligence	analysis purpose the above are co	s.	3	g	
ANSWER:						
a) (U) Correct! This is the best answ completed the required training a	•		ess all of the in	dividuals	who attended	I the briefing have
b) (U//FOUO) Incorrect. The correct are current current.	swer is a). No, unless all of the	ose on your deve	lopment team ar	nd all those	who attended	d your briefing held
current clearances. c) (U//FOUO)_IncorrectThe correct are current clearances.	swer is a). No, unless all of the	ose on your deve	lopment team ar	nd all those	e who attended	d your briefing held
d) (U//FOUO) Incorrect. The correct ar current clearances.	answer is a). No, unless all of those on your development team and all those who attended your briefing held					

DATE/PREPARER: SLS	Topic Page Classification (U) Practice Scenario 3 Page Classification TOP SECRET#00MHNT#N0FORN		Screen Number 18 of 20						
	Home	Exit	Glossary		Back	Next			
FRAME ID: 7200	(U) Practice Scenario 3 (TS#\$I#NE) You are one or management within NSA's systems and Continuity of backup tapes that hold PR	metadat Operatio /TT meta	ns (COOP) planning and data collected since the i	sponsible impleme nception	e for the mainte ntation. You haง of the PR/TT aเ	nance of backup /e control over the uthority			
NEXT FRAME ID: 7210	accordance with your COOP plans, you know that if a disaster strikes and NSA's online metadata repositories are destroyed, you could use these backup tapes to repopulate the repositories with PR/TT metadata. Although the backup tapes contain information older than five years, the processes you would employ to repopulate the online analytic metadata repositories would select only metadata collected within the last five years. Is your maintenance of backup tapes holding PR/TT metadata collected more than five								
BACK FRAME ID: 7190	years ago in compliance with the terms of the PR/TT Orders?								
ALT TAG:	(U) Please select the BEST answer:								
GRAPHIC/AV:	will never b b) (TS//SI//NF tapes of th c) (TS//SI//NF metadata metadata	pe availa →) Yes, be e PR/TT →) No, be no later on back	cause the PR/TT Order than five years after its	sis purpos s specific s manda	ses. ally authorize N te the destruct	SA to maintain backup			

ANSWER:

- a) (TS//SI//NF) Incorrect. The correct answer is c). No, because the PR/TT Orders mandate the destruction of the PR/TT metadata no later than five years after its initial collection, with no exception for metadata on backup tapes. This is different from other authorities, for example FAA 702 does not require the destruction of data in the archives.
- b) (TS//SI//NF) Incorrect. The correct answer is c). No, because the PR/TT Orders mandate the destruction of the PR/TT metadata no later than five years after its initial collection, with no exception for metadata on backup tapes.
- c) (TS#SI#NF) Correct! This is the best answer. No, because the PR/TT Orders mandate the destruction of the PR/TT metadata no later than five years after its initial collection, with no exception for metadata on backup tapes.
- d) (TS//SI//NF) Incorrect. The correct answer is c). No, because the PR/TT Orders mandate the destruction of the PR/TT metadata no later than five years after its initial collection, with no exception for metadata on backup tapes.

DATE/PREPARER: SLS	Topic Page Classification (U) Summary TOP SECRET//COMINT//NOFORN		RN-	Screen Number 19 of 20					
	Home	Exit	Glossary	Back	Next				
REXT FRAME ID: 7220	(TS//SI//fl Metadata (U) Ident (U) Reco	NF) Identify the Programs ify the responding the responding policies and data flow	nsibilities of each of t ints of the compliand /s	roles that support he technical roles se certification pro	the BR and PR/TT Bulk cess for mission				
BACK FRAME ID: 7200	(TS//S I //NF)-Practice applying BR and PR/TT authorities in real-life scenarios								
ALT TAG:	applicabl	e to technica	I personnel						
GRAPHIC/AV: (U) Image of Technical Character sitting at a desk	haracter sitting at (U//FOUO) If you have questions or wish to find out more, please contact your any of the following BR or PR/TT points of contact:								
	oliance								
	OGC email alías:								
	OGC Phone:								
	OGC website: go GC								
	Oversight and Compliance email alias: DL S V42_all								

(TS://SI://NF) (Technical Character): As we stated earlier in the course, the bulk metadata includes sensitive data that must be protected accordingly. By nature of the kinds of technical support provided to the BR and PR/TT programs, technical personnel have the authority and unrestricted access to touch unminimized/unevaluated (or raw), and very sensitive data (that contains a lot of U.S. person identifiers). Remember, we need to maintain a clear distinction between the roles of technical and analytical personnel. All personnel are held to a high standard of integrity, but in your technical role you must be particularly cautious because the tools you work with do not provide the same safeguards as those tools used by the analytical personnel.

(TS://SI://NF) In conclusion, it is your responsibility to keep the BR and PR/TT information within the confines of those who have the proper authorizations to touch and view the data.

- (U) Now that we have completed this part of our road trip, you should be able to:
 - (TS//SI//NF) Identify the various technical roles that support the BR and PR/TT Bulk Metadata Programs
 - (U) Identify the responsibilities of each of the technical roles
 - (U) Recognize key points of the compliance certification process for mission systems and data flows
 - (TS//SI//NF) Practice applying BR and PR/TT authorities in real-life scenarios applicable to technical personnel
- (U) You are encouraged to reach out to your management or to any of the points of contact listed here if you have any questions or if you want to find out more.

DATE/PREPARER: SLS	Topic (U) Next Step			Screen Number 20 of 20		1
	Home	Exit	Glossary	Back	Next	
FRAME ID: 7220			nt Assessment Informat			
	(U) You will	view the questi	ons in a separate Assessment	Questions Docum	ent	
NEXT FRAME ID: 7230						
	• (U) You will	enter your resp	onses in a separate QuestionN	lark online answer	r sheet	
BACK FRAME ID: 7210	• (U) You will	have only one	attempt to successfully comple	te the assessment	:	
ALT TAG:						
GRAPHIC/AV: (U) Image of Technical Character sitting at a desk	• (U) Allow yo	ourself sufficient	time (approximately 30 minute	s) to complete the	assessment	
	(U) To Complete	e the Assess	sment:			
	• (U) Click the	e link to open th	e Assessment Questions Do	cument		Comment [SLS1]: Please make this a link that will open the Assessment Question pxlf for Analytical Personnel (we will actually connect the link later).
		he VUport Sum to complete the	Total Content Player page, clic required exam	k on the Assessme		ink rater).

(U#FOUQ) (OGC Attorney): The final part of your trip will be to successfully complete the assessment for the course. Please be aware that for the assessment you will view the questions in a .pdf file and enter your responses in a separate QuestionMark online answer sheet. Please be sure that you open the .pdf with the questions first before opening the QuestionMark online answer sheet. You will have one attempt to complete the assessment. Please allow yourself sufficient time (approximately 30 minutes) to complete the assessment.

(U//FOUO) Please click the Assessment Questions Document link to open the .pdf question file and keep the window open. Then go to the VUport SumTotal Content Player page, click on the Assessment link on the left, and follow the instructions to complete the required exam.