CONTINUITY OF OPERATIONS

EXERCISE OBJECTIVES AND EXERCISE EVALUATION GUIDES

February 19, 2015

PURPOSE

To develop standard exercise objectives and Exercise Evaluation Guides for both discussion-based and operations-based continuity exercises for Texas State Agencies.



AGENDA

- Purpose
- State Continuity Guidance
- Goals
- Credits
- Participants
- Reference Materials
- Continuity Elements
- Continuity Objectives
- Exercise Evaluation Guides
- Example Objectives & Exercise Evaluation Guides
 - Discussion-Based Exercises
 - Operations-Based Exercises



Texas Continuity Guidance

"Beginning as soon as practicable, but no later than Fiscal Year 2015, conduct an annual exercise of agency continuity plans and report completion to SORM. Schedule and post exercise information on preparingtexas.org. Exercises should be compliant with the Homeland Security Exercise and Evaluation Program (HSEEP) and should be sequential and progressive in terms of participants and objectives."

- October 24, 2013



GOALS

- 1. Provide a foundation for state agency continuity coordinators in development of exercise objectives and Exercise Evaluation Guides (EEGs) for both discussion-based and operations-based continuity exercises.
- 2. Understand how exercise objectives and EEGs are created.
- 3. Know what references and resources are available to assist Continuity Coordinators in the development of exercise objectives and EEGs.
- 4. Provide examples of exercise objectives and EEGs for both discussion-based and operations-based exercises.

CREDITS

The products provided in this presentation were developed by COOP planners from Texas state and city entities who participated in a COOP Exercise Design Course led by a FEMA Mobile Training Team.



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CONTINUITY REFERENCE MATERIALS

- FEMA Continuity Guidance Circular 1 (CGC 1)
- FEMA Continuity Guidance Circular 2 (CGC 2)
- IS 550 Exercise Design Course
- Continuity Exercise Design Course, Participant Guide, September 2013
- Continuity Exercise Design Course, Participant Workbook, September 2013



RECOMMENDED APPLICATION

State Agency Continuity Coordinators are not required to use these examples in development of their agencies' continuity exercises.

These exercise objectives and EEGs are offered to state agency planners to assist in providing the "heavy lifting" in exercise planning. Planners should further tailor these products to their Continuity of Operations Plan and continuity exercise scenario.



CONTINUITY ELEMENTS

- Delegations of Authority
- Devolution of Control and Direction
- Essential Functions
- Essential Records Management
- Continuity Communications
- Continuity Facility
- Human Resources
- Orders of Succession
- Reconstitution
- Test, Training, and Exercises

*** TT&E is incorporated in each exercise objective and EEG



Continuity Guidance Circular 1, Annex K TEST, TRAINING AND EXERCISES

An organization's testing program should include and document:

- Annual testing of alert, notification, and activation procedures for continuity and devolution personnel and quarterly testing of such procedures for personnel at the organization's HQ
- Annual testing of recovery strategies for essential records (both classified and unclassified), critical information systems (both classified and unclassified), services, and data
- Annual testing of the capabilities for protecting essential records and information systems (both classified and unclassified) and for providing access to them from the continuity facilities
- Annual testing of primary and backup infrastructure systems and services, such as power, water, and fuel, at continuity facilities
- Annual testing and exercising of required physical security capabilities at continuity facilities

Continuity Guidance Circular 1, Annex K OBJECTIVES or CRITICAL TASKS

- Test alert, notification, and activation procedures for continuity and devolution personnel and procedures for personnel at the organization's HQ (Communications)
- Test recovery strategies for essential records (both classified and unclassified), critical information systems (both classified and unclassified), services, and data (Essential Records)
- Test capabilities for protecting essential records and information systems (both classified and unclassified) and for providing access to them from the continuity facilities (Essential Records)
- Test primary and backup infrastructure systems and services, such as power, water, and fuel, at continuity facilities (Continuity Facilities)
- Test required physical security capabilities at continuity facilities (Continuity Facilities)

Continuity Guidance Circular 1, Annex K TEST, TRAINING AND EXECISES

An organization's testing program should include:

- Quarterly testing of the internal and external interoperability and viability of communications equipment and systems
- Annual exercise of the capabilities required to perform an organization's essential functions, as identified in the BPA
- Annual testing of telework capabilities, to include IT infrastructure, required to support telework options during a continuity event
- Annual exercise of internal and external interdependencies identified in the organization's continuity plan, with respect to performance of an organization's and other organizations' essential functions

EXERCISE OBJECTIVES



CONTINUITY EXERCISE OBJECTIVES DEFINITION

Continuity Exercise Objectives are the distinct outcomes that an organization wishes to achieve during an exercise.

- After the continuity plan is assessed and the scope of the continuity exercise is defined, planners can identify continuity objectives
- Exercise planners should select a reasonable number of specific, measurable, achievable, relevant, and time-bound (SMART) exercise objectives to facilitate effective scenario design, exercise conduct, and evaluation



EXERCISE OBJECTIVES S-M-A-R-T OBJECTIVES

- S Specific (Who, What, When, and Why)
- M Measurable (Quantity or Quality of actions or outcomes)
- A Achievable
 (Within the control, influence and resources of exercise play and participant actions)
- R Relevant

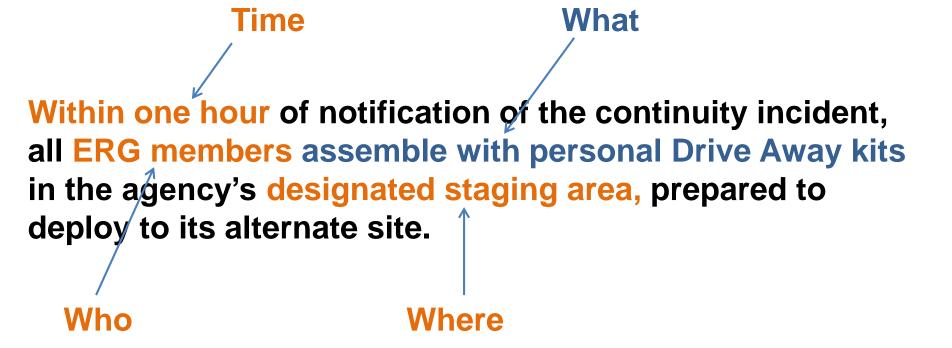
(Does it Make Sense? Does it follow capabilities based planning?)

T - Time (Time Bound, Task Oriented)



EXERCISE OBJECTIVES

EXAMPLE





Discussion-based exercises typically highlight existing plans, policies, mutual aid agreements, and procedures, and can be used as tools to familiarize agencies and personnel with current or expected capabilities.

Discussion-based exercises include:

- Seminars
- Workshops
- Games
- Tabletop Exercises



EXERCISE OBJECTIVES VERBS FOR DISCUSSION-BASED EXERCISES

- Appraise
- Analyze
- Assess
- Calculate
- Choose
- Compare
- Contrast
- Critique
- Describe
- Design
- Discuss

- Distinguish
- Establish
- Estimate
- Examine
- Explain
- Formulate
- Hypothesize
- Identify
- Interpret
- Justify
- List

- Organize
- Prescribe
- Prioritize
- Propose
- Rank
- Rate
- Relate
- Recall
- Review
- Role play
- Theorize



EXERCISE OBJECTIVES OPERATIONS-BASED EXERCISES

Operations-based exercises are characterized by actual response, mobilization of apparatus and resources, and commitment of personnel, usually held over an extended period of time.

Operations-based exercises can be used to validate plans, policies, agreements, and procedures and include drills, functional exercises, and full-scale exercises. They can clarify roles and responsibilities, identify gaps in resources needed to implement plans and procedures, and improve individual and team performance.

Operations-based exercises include:

- Drills
- Functional Exercises
- Full Scale Exercises



EXERCISE OBJECTIVES VERBS FOR OPERATIONS-BASED EXERCISES

- Access
- Administer
- Apply
- Conduct
- Construct
- Demonstrate
- Deploy
- Develop
- Employ

- Evaluate
- Inspect
- Inventory
- Notify
- Operate
- Perform
- Report
- Test
- Validate



EXERCISE EVALUATION GUIDES (EEGs)



EXERCISE EVALUTION GUIDES **PURPOSE**

Continuity Exercise Evaluation Guides (EEGs) are designed to accomplish several goals:

- Streamline data collection
- Enable thorough assessments of the organization's continuity plan
- Help organization's map results to exercise objectives, continuity elements, and critical tasks for further analysis



EXERCISE EVALUTION GUIDES **DEFINITIONS**

Continuity Capability Targets:

 The performance thresholds for each continuity capability; they state the exact amount of capability that players aim to achieve

Critical Tasks:

 The distinct elements required to perform a continuity capability; they describe how the capability target will be met



EXERCISE EVALUTION GUIDES

Given an Exercise Evaluation Guide Format, perform the following:

- Insert the appropriate Exercise Objective you developed for that Continuity Element
- Insert the description of the Continuity Element
 - Continuity Guidance Circular 1; or
 - Appendix C, page C-2 "Ten Elements of a Viable Continuity Capability," Continuity Exercise Design Course Participant Guide, September 2013
- Identify the appropriate reference in CGC 1 (Annex) and agency Continuity of Operations Plan
- Using the appropriate Annex from CGC 1, develop Capability Targets and Critical Tasks

EVALUATION OF EEGs

DISCUSSION-BASED EXERCISE

- Does the EEG use the correct verbs for discussion-based exercises?
- Do the Critical Tasks and Capability Targets cover the key points for that Continuity Element as listed in the appropriate annex of CGC 1?
- Do the Critical Tasks support the Continuity Capability Target?
- Does the EEG include any training or testing requirements for that Continuity Element as derived from CGC 1, Annex K (TT&E)?



EVALUATION OF EEGs

OPERATIONS-BASED EXERCISE

- Does the EEG use the correct verbs for operationsbased exercises?
- Do the Critical Tasks and Capability Targets cover the key points for that Continuity Element as listed in the appropriate annex of CGC 1?
- Do the Critical Tasks support the Continuity Capability Target?
- Does the EEG include training or testing requirements for that Continuity Element as derived from CGC 1, Annex K (TT&E)?



Examples of Discussion-Based Exercise Objectives



Continuity Communications

 Assess primary and back-up voice, video and data communications systems needed by ERG and leadership to perform Mission Essential Functions within Recovery Time Objective (RTO)

Essential Functions

 Assess the needs and ability of the ERG to implement Mission Essential Functions at the alternate facility within Recovery Time Objectives

Essential Records

 Assess the ability of the Emergency Relocation Group (ERG) to access essential records from alternate facility within RTO

Continuity Facilities

 Review and assess procedures used by the ERG team to access the alternate facility and establish site operability within __ hours of arrival

Orders of Succession

 Discuss procedures to notify and transfer responsibilities of executive leadership to designated successor within ____ hours of COOP incident

Delegations of Authority

 Discuss the process for delegation of authority by Executive Staff to pre-designated personnel within ___ hours of notification of a continuity incident in order to ensure the orderly and pre-defined transition of leadership responsibilities within the organization

Human Resources

 Assess procedures used by Human Resources to provide information and services to employees and family members within ___ hours of activation

Devolution

 Assess resource requirements and availability necessary to facilitate the immediate and seamless transfer of essential functions to the devolution site

Reconstitution

 Examine the Reconstitution Team's ability to discuss a time-phased plan, listing functions and projects in order of priority, for resuming normal operations based on their Continuity Plan during a continuity incident

Telework

 Assess the agency's ability to telework as a primary or backup continuity strategy to perform essential functions and supporting tasks (CGC 1, p. G-4, 2)



Examples of Discussion-Based Exercise Evaluation Guides



EXERCISE EVALUATION GUIDES

DISCUSSION-BASED EXERCISE			
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	DEVOLUTION OF CONTROL AND D	DIRECTION	
Exercise Objective:	Assess the agency's ability to effectively transfer roles and responsibilities for conduct of its essential functions to an alternate organization(s). (CGC1, K-2, 15 & L-2, 3-6)		
Continuity Element:	The transition of roles and responsibilities for performance of essential functions		
Continuity Capability Target 1:	Discuss how and when direction and control of agency operations will be transferred to and from the devolution site. (CGC1, L-2, 6)		
Critical Task:	Identify what events and/or conditions would likely trigger the devolution option.		
Critical Task:	List necessary resources, such as equipment and materials to facilitate the performance of essential functions at the devolution site. (CGC1, L-2, 7)		
Critical Task:	Review processes and procedures for acquiring resources necessary to continue		

facility upon termination of devolution. (CGC1, L-2, 9)

Critical Task:

Observation Notes:

Source(s):

essential functions and to sustain those operations for extended periods. (CGC1, L-2, 8)

Discuss procedures to transition responsibilities to personnel at the primary operating

34

Annex L (Devolution of Control and Direction) to CGC 1, July 2013 and Agency Continuity of Operations Plan **Target rating:**

EXERCISE EVALUATION GUIDES

DISCUSSION-BASED EXERCISE				
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined		
Exercise Date: TBD				
RECONSTITUTION OPERATIONS				
Exercise Objective:	Examine the Reconstitution Team's ability to discuss a time-phased plan, listing functions and projects in order or priority, for resuming normal operations based on their COOP plan during a continuity incident. (CGC1, K-2, 15)			
Continuity Element:	The process by which surviving and/or replacement organization personnel resume normal operations from the original or replacement primary operating facility.			
Continuity	The Reconstitution Team will discuss the development of a time-phased plan, to			
Capability Target 1:	resume normal operations within [time] hours of a continuity incident. (CGC1, M-1, 1b)			
Critical Task:	Discuss how a meeting would be convened with Reconstitution Team members. (CGC1, M-1, 1d)			
Critical Task:	Discuss how to conduct a damage assessment. (CGC1, M-1, 1a)			
Critical Task:	Discuss the implementation of MOUs with organizations that assist in acquiring new			

office space, furniture, and IT equipment. (CGC1, M-1, 1e and Agency COOP Plan)

Discuss procedures to be used in contracting for facility repairs and purchase of new

Target rating:

35

Annex M (Reconstitution Operations) to Continuity Guidance Circular 1, July 2013

furniture and equipment. (CGC1, M-1, 1c & 1e)

and Agency Continuity of Operations Plan

Critical Task:

Observation Notes:

Source(s):

EXERCISE EVALUATION GUIDES

DISCUSSION-BASED EXERCISE				
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined		
Exercise Date: TBD				
ESSENTIAL FUNCTIONS				
Exercise Objective:	Assess the needs and ability of the ERG to implement mission essential functions at the alternate facility within hours of the continuity incident. (CGI, D1, 5)			
Continuity Element:	A subset of government functions that are determined to be critical activities. Those functions an organization must continue in a continuity situation, whether the functions are STTEFs, MEFs or Essential Supporting Functions. (CGI, D1)			
Continuity Capability Target 1:	Discuss actions required of the ERG to perform Mission Essential Functions within hours of the continuity incident. (CGI, D1, 5)			
Critical Task:	Discuss ERG team procedures and resources required to conduct MEFs. (CGI, D1, 3a)			
Critical Task:	Analyze scalable response to continuity incidents. (Agency COOP Plan)			
Critical Task:	Review and prioritize Mission Essential Functions. (CGI, D1, 1)			
Critical Task:	Discuss cross-training of ERG members to ensure performance of MEFs during personnel shortages. (CGI, D2, 8)			
Source(s):	Annex D (Essential Functions) to Continuity Guidance Circular (CGC) 1, July 2013 and Agency Continuity of Operations Plan			

Target rating:

36

Observation Notes:

EXERCISE EVALUATION GUIDES DISCUSSION-BASED EXERCISE

Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	ESSENTIAL FUNCTIONS		
Exercise Objective:	Assess the ERG's needs and ability to perform alternate facility within hours of notification	•	
Continuity Element:	Essential Functions are a subset of government functions that are determined to be critical activities. Those functions an organization must continue in a continuity situation, whether the functions are STTEFs, MEFs or Essential Supporting Functions. (CGCI, D1)		
Continuity	Analyze ERG capabilities required to perform the agency's essential functions.		
Capability Target 2:	(CGC1, D-1, 5)		
Critical Task:	Review agency alert, notification, and activation procedures for continuity and devolution personnel and personnel at agency headquarters. (Agency COOP Plan)		
Critical Task:	Assess the required contents of ERG members' personal drive-away kits as listed in the agency's continuity of operations plan requirements. (Agency COOP Plan)		
Critical Task:	Assess the required contents of section drive-away kits as listed in the agency's continuity of operations plan requirements. (Agency COOP Plan)		
Critical Task:	Review plans and resource requirements to conduct the deliberate and pre-planned movement of ERG personnel, equipment and essential records to an alternate site.		
Source(s):	Annex D (Essential Functions) to Continuity Guidance Circular (CGC) 1, July 2013 and Agency Continuity of Operations Plan		
Observation Notes:		Target rating:	

EXERCISE EVALUATION GUIDES DISCUSSION-BASED EXERCISE

Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	ESSENTIAL RECORDS MANAG	EMENT	
Exercise Objective:	Assess the ability of the ERG to protect, transport, and access essential records from an alternate facility within the Recovery Time Objectives. (CGC1, K-2, 7 & 1-2, 3,9&10)		
Continuity Element:	Management of information systems and applications, electronic and hard copy documents, references and records needed to support essential functions during a continuity incident.		
Continuity Capability Target 1:	ERG will review procedures to retrieve and access essential records. (CGC1, I-2, 7&9)		
Critical Task:	Discuss how to conduct a damage assessment of essential records. (Agency COOP Plan)		
Critical Task:	Review inventory procedures: archive data versus current data. (CGC1, I-2, 4)		
Critical Task:	Review physical security and information security procedures and access controls for essential records. (CGC1, I-2, 7&9)		
Critical Task:	Discuss logistics required to retrieve and transport essential records (Agency COOP Plan)		
Source(s):	Annex I (Essential Records Management) to CGC 1, July 2013 and Agency Continuity of Operations Plan		
Observation Notes:	Target rating:		

leadership to designated successor(s) within ___ hours of a continuity incident.

Review notification protocols and methods to ensure smooth transition of responsibilities to successor within __ hours of notification. (CGC1, E-1, 1)

Review protocols for assumption of leadership positions. (Agency COOP Plan)

Identify triggers for invoking orders of succession. (Agency COOP Plan)

Discuss communications methods for notifying successor and review contact

List parties that need to be notified and the appropriate notification method for each.

Target rating:

Annex E (Orders of Succession) to Continuity Guidance Circular (CGC) 1, July 2013

A formal, sequential listing of organization positions (other than specific names of individuals) that identify who is authorized to assume a particular leadership or

DISCUSSION-BASED EXERCISE			
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
ORDERS OF SUCCESSION			
Exercise Objective:	Discuss agency procedures to notify and transfer responsibilities of executive: Discuss agency procedures to notify and transfer responsibilities of executive:		

management role under specific circumstances.

information to ensure accuracy. (Agency COOP Plan)

and Agency Continuity of Operations Plan

(CGC1,K-2,16 & CGC1E-1,1)

(CGC1, E-2,9)

Continuity Element:

Capability Target 1:

Continuity

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Source(s):

Observation Notes:

EXERCISE EVALUATION GUIDES DISCUSSION-BASED EXERCISE

DISCUSSION-BASED EXERCISE			
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	DELEGATIONS OF AUTHOR	ITY	
Exercise Objective:	Discuss the process for delegation of authority by Executive Staff to pre-designated personnel within hours of notification of a continuity incident in order to ensure the orderly and pre-defined transition of leadership responsibilities within the organization. (CGC1, K-3, 19 & F-1, 1)		
Continuity Element:	Identification by position of the authorities for making policy determinations and decisions at HQ, regional and field levels, and all other organizational locations.		
Continuity Capability Target 1:	Assess protocols to enact delegations of authority by pre-designated personnel. (CGC1, F-1, 1A)		
Critical Task:	Review rules and procedures leadership must follow for delegation of authority. (CGC1, F-1, 1C)		
Critical Task:	Review limits of delegation of authority and accountability. (CGC1, F-1, 1B)		
Critical Task:	Discuss necessary training for assumed duties. (CGC1, F-2, 2)		
Source(s):	Annex F (Delegation of Authority) to Continuity Guidance Circular (CGC) 1, July 2013 and Agency Continuity of Operations Plan		
Observation Notes:	Target rating:		
		40	

DISCUSSION-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date: TBD		

establish site operability within

concepts.

(CGC1, K-2, 8-9 & G-3, 10)

ERG. (CGC1, G-3, 8)

Exercise Objective:

Continuity Element:

Capability Target 1:

Continuity

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Observation Notes:

Source(s):

CONTINUITY FACILITIES

risk assessment and physical security surveys. (CGC1, G-4, 10K)

risk assessment and physical security surveys. (CGC1, G-3, 10-C)

and Agency Continuity of Operations Plan

Review and assess procedures used by the ERG to access the alternate facility and

and locations but also work arrangements such as telework and mobile work

Refers both to continuity and devolution sites where essential functions are continued or resumed during a continuity incident. These sites refer not only to other facilities

Assess existing physical and information security requirements of ERG, support staff,

access the alternate facility, to include orientation, in-processing, and reception of the

contractors and vendors necessary to gain access and work in the alternate facility.

Discuss security procedures for ERG, support staff, contractors and vendors to

Analyze physical security procedures of the ERG and alternate facility to provide perimeter, access, and internal security against all threats identified in the facility's

Analyze information security procedures of the ERG and alternate facility to provide

Annex G (Continuity Facilities) to Continuity Guidance Circular (CGC) 1, July 2013

security against cyber and human-caused threats identified in the facility's

Review the MOA/MOU with the alternate facility to ensure that physical and

information security considerations are adequately addressed. (CGC1, G-3, 7)

hours of arrival. (CGC1, K-2, 8-9 & G-2, 2)

Target rating:

DISCUSSION-BASED EXERCISE				
Exercise Name:	TBD Agen	cy: To Be Determined	Venue:	To Be Determined
Exercise Date:	TBD			

establish site operability within

security of ERG members. (CGC1, G-3, 10G)

power is disrupted. (CGC1, G-4, 10H)

operations can resume. (CGC1, G-3, 5)

and Agency Continuity of Operations Plan

(CGC1, G-3, 10C)

Exercise Objective:

Continuity Element:

Capability Target 2:

Continuity

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Source(s):

Observation Notes:

CONTINUITY FACILITIES

hours of arrival at the continuity facility. (CGC1, K-1, 8 & G-3, 10E)

Review and assess procedures used by the ERG to access the alternate facility and

locations but also work arrangements such as telework and mobile work concepts.

Examine the availability of essential support services such as food, water, fuel, medical facilities, housing and municipal services to ensure the health, safety, and

Compare emergency/back-up power requirements to on-site capabilities so that

Assess on-site availability of computers, software, and other automated data processing equipment necessary to carry out essential functions and ensure

information systems are up-to-date with latest software and system updates.

Review pre-positioning of critical supplies and equipment in order to achieve full

operational capability and maintain this capability for up to 30 days or until normal

Annex G (Continuity Facilities) to Continuity Guidance Circular (CGC) 1, July 2013

essential functions and operations can continue in the event that the primary source of

The ERG Team will establish site operability to perform Essential Functions within

Refers both to continuity and devolution sites where essential functions are continued

or resumed during a continuity incident. These sites refer not only to other facilities and

hours of arrival. (CGC1, K-2, 8-9 & G-2, 2)

Target rating:

42

EXERCISE EVALUATION GUIDES

EXERCISE EVALUATION GUIDES DISCUSSION-BASED EXERCISE

Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date:			
TBD			
	CONTINUITY COMMUNICAT	IONS	
Exercise Objective:	Assess primary and back-up voice, video and by ERG and agency leadership to perform Miss (CGC1, K-2, 8&10 & H-1, 7)		
Continuity Element:	Voice, video and data capabilities that enable the leadership and staff to conduct the Mission Essential Functions of their organization.		
Continuity Capability Target 1:	Review continuity notification systems capabilities. (CGC1, H-1, 5)		
Critical Task:	Review notification procedures. (Agency COOP Plan)		
Critical Task:	Discuss redundant notification systems capabilities. (CGC1, H-1, 2&5))		
Critical Task:	Review the message approval process. (Agency COOP Plan)		
Source(s):	Annex H (Continuity Communications) to Continuity Guidance Circular 1, July 2013 and Agency Continuity of Operations Plan		
Observation Notes:		Target rating:	
		43	

CONTINUITY COMMUNICATIONS

Assess primary and back-up voice, video and data communications systems needed

by ERG and agency leadership to perform Mission Essential Functions within RTOs.

Voice, video and data capabilities that enable the leadership and staff to conduct the

Compare agency's communications support needs to systems and assets available at

Discuss the availability of support communications in transit to the continuity facility.

Assess the availability of back-up communications systems and assets. (CGC1, H-1, 5)

Annex H (Continuity Communications) to Continuity Guidance Circular 1, July 2013

Review MOU/MOA to ensure access to alternate facility's communications assets and

Target rating:

44

Assess the alternate facility's communications capabilities needed to support

DISCUSSION-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date: TBD		

Mission Essential Functions of their organization.

and Agency Continuity of Operations Plan

performance of Mission Essential Functions. (CGC1, H-1, 7)

continuity facility (including devolution site). (CGC1, H-1, 1&4)

(CGC1, K-2, 8&10 & H-1, 7)

(CGC1, H-1, 3)

systems. (CGC1, H-1, 6)

Exercise Objective:

Continuity Element:

Capability Target 2:

Continuity

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Observation Notes:

Source(s):

EXERCISE EVALUATION GUIDES DISCUSSION-BASED EXERCISE

DISCUSSION-BASED EXERCISE			
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	HUMAN RESOURCE	CES	
Exercise Objective:	Assess procedures used by Human Reso employees and family members within	ources to provide information and services to hours of activation. (CGC1, K-2, 15 & J-3, 14)	
Continuity Element:	During a continuity incident, emergency employees and other special categories of employees will be activated by an agency to perform assigned response duties. Organizations are also responsible for supporting employees who are not designated as ERG personnel but who may also be affected by a continuity activation.		
Continuity Capability Target 1:	Assess capabilities and procedures to provide personnel services. (CGC1, J-2, 7)		
Critical Task:	Review likely personnel issues and general plans for response. (Agency COOP Plan)		
Critical Task:	Assess internal and external service needs. (Agency COOP Plan)		
Critical Task:	Discuss plan to ensure compliance with regulations and Standard Operating Procedures regarding Workers' Compensation and other HR issues. (Agency COOP Plan)		
Critical Task:	Review emergency time, pay and leave b	penefits procedures. (CGC1, J-3, 12)	
Source(s):	Annex J (Human Resources) to Continuity and Agency Continuity of Operations Pla	` ' '	

Observation Notes:

and Agency Continuity of Operations Plan

Target rating:

45

EXERCISE EVALUATION GUIDES DISCUSSION-BASED EXERCISE

Agency: To Be Determined	Venue: To Be Determined	
TELEWORK		
Assess the agency's ability to telework as a primary or backup strategy to perform essential functions and supporting tasks. (CGC 1, p. G-4, 2)		
A work flexibility arrangement under which employees perform the duties and responsibilities of their positions, and other authorized activities, from approved worksites other than the locations from which they would otherwise work.		
Review use of communications systems required in support of the telework plan.		
Review alert, notification and activation systems and procedures. (Agency COOP Plan)		
Review communications systems and procedures used to attain accountability of all agency personnel. (Agency COOP Plan)		
Discuss use of Virtual Private Network to acces	ss essential records. (Agency COOP Plan)	
	Assess the agency's ability to telework as a pressential functions and supporting tasks. (CGC) A work flexibility arrangement under which emersponsibilities of their positions, and other authorises other than the locations from which review use of communications systems requires Review alert, notification and activation systems Review communications systems and proceduragency personnel. (Agency COOP Plan)	

Critical Task:

Review use of agency specific communications (e.g. Microsoft Lync, chat boards and Cisco Softphones to support telework). (Agency COOP Plan)

Annex G (Continuity Facilities) to Continuity Guidance Circular (CGC) 1, July 2013 and Agency Continuity of Operations Plan

Observation Notes:

Target rating:

Example of Operations-Based Exercise Objectives



Continuity Communications

 Test the use of primary and backup voice, video, and data communications systems, required by the ERG and leadership to perform its Mission Essential Functions from an alternate facility within Recovery Time Objectives

Essential Functions

 Test the ability of the Emergency Relocation Group to perform the agency's Essential Functions from an alternate facility within Recovery Time Objectives

Essential Records

 Test the ability of the ERG to access essential records from an alternate facility within Recovery Time Objectives

Continuity Facilities

 Test procedures used by the Emergency Relocation Group to access alternate facility(ies) and establish site operability within ___ hours of arrival

Orders of Succession

 Test agency procedures to notify and transfer responsibilities of executive leader(s) to designated successor(s) within ___ hours of a continuity incident

Delegations of Authority

 Demonstrate the process for delegation of authority by Executive Staff to pre-designated personnel within ___ hours of notification of a continuity incident in order to ensure the orderly and pre-defined transition of leadership responsibilities within the organization

Human Resources

Test procedures used by Human Resources to provide information and services to employees and family within hours of a continuity incident

Devolution of Control and Direction

 Demonstrate agency procedures to transition roles and responsibilities to a pre-determined alternate agency in order to perform essential functions within Recovery Time Objectives

Reconstitution

 Evaluate the Reconstitution Team's ability to organize and outline a time-phased plan, listing functions and projects in order of priority, to resume normal operations based on their Continuity Plan during a continuity incident

Test, Training, and Exercise

 TT&E objectives are integrated into the other Continuity Elements

Telework

■ Test telework capabilities, to include IT infrastructure, required to support telework options in order to perform mission essential and supporting functions within Recovery Time Objectives during a continuity incident (CGC 1, K-2, 11)



Example of Operations-Based Exercise Evaluation Guides



OPERATIONS-BASED EXERCISE			
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	RECONSTITUTION OPERATIONS		
Exercise Objective:	Evaluate the Reconstitution Team's ability to discuss a time-phased plan, listing functions and projects in order or priority, for resuming normal operations based on their COOP plan during a continuity incident. (CGC1, K-2, 15b) (CGC1, M-1, 1)		
Continuity Element:	The process by which surviving and/or replacement organization personnel resume normal operations from the original or replacement primary operating facility.		
Continuity	The Reconstitution Team will develop a time-phased plan, to		
Capability Target 1:	resume normal operations within hours/days of a continuity incident. (CGC1, M-1, 1b)		
Critical Task:	Conduct a Reconstitution Team planning meeting to frame the Reconstitution Plan. (CGC1, M-1, 1d)		
Critical Task:	Demonstrate conduct of a damage assessment. (CGC1, M-1, 1a)		

Critical Task:

Critical Task:

Observation Notes:

Source(s):

Demonstrate procedures to enact MOUs with organizations to acquire new

Demonstrate procedures to be used in contracting for facility repairs and purchase of

Target rating:

53

Annex M (Reconstitution Operations) to Continuity Guidance Circular 1, July 2013

office space, furniture, and IT equipment. (CGC1, M-1, 1e) (Agency COOP Plan)

new furniture and equipment. (CGC1, M-1, 1c & 1e)

and Agency Continuity of Operations Plan

OPERATIONS-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date: TBD		

and Agency Continuity of Operations Plan

ESSENTIAL FUNCTIONS

personnel and personnel at agency headquarters. (CGC 1, K-1, 5)

Test the ability of the Emergency Relocation Group to perform the agency's Essential

situation, whether the functions are STTEFs, MEFs or Essential Supporting Functions.

Test agency alert, notification, and activation procedures for continuity and devolution

Inspect the personal drive-away kits of the ERG for completeness in accordance with

Inspect section drive-away kits of the ERG for completeness in accordance with the

Demonstrate the ability to conduct the deliberate and pre-planned movement of ERG

Demonstrate the ability of the ERG to perform essential functions outside their normal

Target rating:

54

Annex D (Essential Functions) to Continuity Guidance Circular (CGC) 1, July 2013

personnel, equipment and essential records to an alternate site. (CGC1, K-3, 22a)

Functions from an alternate facility within Recovery Time Objectives. (CGC1, D1, 5) Essential Functions are a subset of government functions that are determined to be critical activities. Those functions an organization must continue in a continuity

Test the capabilities required to perform the agency's essential functions.

the agency's continuity of operations plan requirements. (Agency Coop Plan)

agency's continuity of operations plan requirements. (Agency Coop Plan)

expertise and scope of work as a result of cross-training. (CGI-D2, 8)

(CGC 1, K-2, 11 and CGC 1, K-3 22)

Exercise Objective:

Continuity Element:

Capability Target 1:

Continuity

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Observation Notes:

Source(s):

Agency: To Be Determined	Venue: To Be Determined	
ESSENTIAL RECORDS MANAG	EMENT	
Test the ability of the ERG to protect, transport to, and access essential records from an alternate facility within the Recovery Time Objectives. (CGC1, K-2, 7 & 1-2, 3,9&10)		
Management of information systems and applications, electronic and hard copy documents, references and records needed to support essential functions during a continuity incident.		
Test the ERG's ability to retrieve essential records and access them from a continuity		
facility. (CGC1, I-2, 3)		
Test recovery strategies for essential records (both classified and unclassified), critical information systems (both classified and unclassified) and for providing access to them from the continuity facilities. (Agency COOP Plan)		
Test capabilities for protecting essential records and information systems (both classified and unclassified) and for providing access to them from the continuity facility). (CGC1, I-1, 6)		
Review physical security and information security procedures and access controls for		
Demonstrate ERG's access to essential records (both classified and unclassified from the alternate facility. Document this through conduct of an inventory. (CGC1, I-2, 3)		
Annex I (Essential Records Management) to CGC 1, July 2013 and Agency Continuity of Operations Plan		
	Test the ability of the ERG to protect, transport an alternate facility within the Recovery Time C Management of information systems and appli documents, references and records needed to continuity incident. Test the ERG's ability to retrieve essential record facility. (CGC1, I-2, 3) Test recovery strategies for essential records (critical information systems (both classified an access to them from the continuity facilities. (A Test capabilities for protecting essential record classified and unclassified) and for providing a facility). (CGC1, I-1, 6) Review physical security and information secures essential records. (CGC1, I-2, 78.9) Demonstrate ERG's access to essential record the alternate facility. Document this through cannot be a security and construction of the continuity facility.	

Target rating:

Observation Notes:

OPERATIONS-BASED EXERCISE			
Exercise Name: TBD	Agency: To Be Determined	Venue:	To Be Determined
Exercise Date: TBD			
ORDERS OF SUCCESSION			
	Test agency procedures to notify and transfer re	sponsi	bilities of execut

of executive leadership to **Exercise Objective:** designated successor(s) within __ hours of a continuity incident. (CGC1, K-2, 16 & E-1, 1)

A formal, sequential listing of organization positions (other than specific names of individuals) that identify who is authorized to assume a particular leadership or **Continuity Element:** management role under specific circumstances.

Demonstrate notification protocols and methods to ensure smooth transition of Continuity responsibilities to successor within hours of notification. (CGC1, E-1, 1) **Capability Target 1:**

Test communications to notify successor(s) of the vacancy in executive leadership.

Critical Task: (Agency COOP Plan)

Critical Task: Implement agency protocols for assumption of leadership positions. (Agency COOP Plan)

Inventory essential records at continuity facilities to verify inclusion of current **Critical Task:** orders of succession for key organization leadership positions. (CGC-1, pg. E-2, #8)

Demonstrate procedures to notify supporting and supported organizations (to include the State Operations Center), agency employees, contractors and vendors of the **Critical Task:**

transfer of authority from the agency's Executive Director to designated successor(s). (Agency COOP Plan)

Annex E (Orders of Succession) to Continuity Guidance Circular (CGC) 1, July 2013 Source(s):

and Agency Continuity of Operations Plan **Observation Notes: Target rating:**

Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined	
Exercise Date: TBD			
	DELEGATIONS OF AUTHOR	RITY	
Exercise Objective:	Demonstrate the process for delegation of authority by Executive Staff to predesignated personnel within hours of notification of a continuity incident in order to ensure the orderly and pre-defined transition of leadership responsibilities within the organization. (CGC1, K-3, 8 & F-1, 1)		
Continuity Element:	Identification by position of the authorities for making policy determinations and decisions at HQ, regional and field levels, and all other organizational locations.		
Continuity	Implement delegation(s) of authority in accordance with organization's continuity plan.		
Capability Target 1:	(CGC1, F-1, 1A)		
Critical Task:	Notify individuals to whom authority is delegated, and to subsequently communicate this information to employees, vendors and contractors at all agency locations. (CGC1, F-1, 1C)		
Critical Task:	Test the ability of the individual to whom authority is delegated to perform duties as specified. (CGC1, F-1, 1B)		
Critical Task:	Inventory essential records at the continuity facility to ensure inclusion of current delegations of authority. (CGC-1, pg. F-2, 2)		
Source(s):	Annex F (Delegation of Authority) to Continuity Guidance Circular (CGC) 1, July 2013 and Agency Continuity of Operations Plan		
Observation Notes:		Target rating:	
		57	

Venue: To Be Determined

Exercise Name: TBD | Agency: To Be Determined

Exercise Date: TBD		
	CONTINUITY FACILITIES	
Exercise Objective:	Test procedures used by the ERG to access the alternate facility and establish site operability within hours of arrival. (CGC1, K-2, 8-9 & G-2, 2)	
Continuity Element:	Refers both to continuity and devolution sites where essential functions are continued or resumed during a continuity incident. These sites refer not only to other facilities	

Continuity Element:	or resumed during a continuity incident. These sites refer not only to other facilities and locations but also work arrangements such as telework and mobile work concepts.
Continuity	Test physical security capabilities and procedures at continuity facility(ies).
Capability Target 1:	(CGC1, K-9, G-3, 8)

reception of ERG, support staff, contractors and vendors required to perform **Critical Task:**

In accordance with security procedures, conduct initial orientation, in-processing, and Essential Functions within Recovery Time Objectives. (CGC1, G-3, 8) Establish perimeter, access, and internal security against all threats identified in the

Critical Task: facility's risk assessment and physical security surveys. (CGC1, G-4, 10K) Enact information security procedures of the ERG and alternate facility to provide

security against cyber and human-caused threats identified in the facility's **Critical Task:** risk assessment and physical security surveys. (CGC1, G-3, 10C)

Review the MOA/MOU with the alternate facility to ensure that physical and **Critical Task:** information security considerations are adequately addressed. (CGC1, G-3, 7) Annex G (Continuity Facilities) to Continuity Guidance Circular (CGC) 1, July 2013 Source(s):

and Agency Continuity of Operations Plan **Observation Notes: Target rating:**

hours of arrival at the continuity facility. (CGC1, K-1, 8 & G-3, 8E)

Validate on-site access to computers, software, and other automated data processing equipment necessary to carry out essential functions. Test information systems to

ensure they are up-to-date with latest software and system updates. (CGC1, G-3, 10C) Inventory pre-positioned critical supplies and equipment needed to achieve full

operational capability and maintain this capability for up to 30 days or until normal

Test primary and back-up infrastructure systems and services, such as power, water,

medical facilities, housing, and municipal services to ensure the health, safety, and

Annex G (Continuity Facilities) to Continuity Guidance Circular (CGC) 1, July 2013

Target rating:

59

and fuel at the continuity facility(ies), including devolution sites. (CGC1, G-4, 10 G&H)

Demonstrate access to essential support services such as food, water, fuel,

OPERATIONS-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date: TBD		
CONTINUITY FACILITIES		
Exercise Objective:	Test procedures used by the ERG to access the alternate facility and establish site operability within hours of arrival. (CGC1, K-2, 8-9 & G-2, 2)	
Continuity Element:	Refers both to continuity and devolution sites where essential functions are continued or resumed during a continuity incident. These sites refer not only to other facilities	
Continuity	The ERG Team will establish site operability to perform Essential Functions within	

operations can resume. (CGC1, G-3, 5)

security of ERG members. (CGC1, G-3, 10G)

and Agency Continuity of Operations Plan

Capability Target 2:

Critical Task:

Critical Task:

Critical Task:

Critical Task:

Source(s):

Observation Notes:

Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date:		
TBD	ļ ,	
	CONTINUITY COMMUNICATI	IONS
Exercise Objective:	Test voice, video and data communications systems required by the ERG and agency leadership to perform Essential Functions from an alternate facility within RTOs. (CGC1, K-2, 8&10 & H-1, 7)	
Continuity Element:	Voice, video and data capabilities that enable the leadership and staff to conduct the Mission Essential Functions of their organization.	
Continuity Capability Target 1:	Activate continuity notification systems to support communication to all staff of a continuity activation in support Essential Functions from the alternate facility (or devolution site) within hours following incident impact. (CGC1, H-1, 1,2&4)	
Critical Task:	Validate notification procedures, including demonstrating the message approval process. (Agency COOP Plan)	
Critical Task:	Test redundant notification system capabilities. (CGC1, H-1, 2,4&6)	
Critical Task:	Verify notification receipt and time received by staff. (Agency COOP Plan)	
Source(s):	Annex H (Continuity Communications) to Continuity Guidance Circular 1, July 2013 and Agency Continuity of Operations Plan	
Observation Notes:		Target rating:

OPERATIONS-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date:		
TBD		
	CONTINUITY COMMUNICATI	IONS
Exercise Objective:	Test voice, video and data communications systems required by the ERG and agency leadership to perform Essential Functions from an alternate facility within RTOs. (CGC1, K-2, 8&10 & H-1, 7)	
Continuity Element:	Voice, video and data capabilities that enable the leadership and staff to conduct the Mission Essential Functions of their organization.	
Continuity Capability Target 2:	Establish voice and data capabilities needed to support the performance of Essential Functions within hours following arrival and for up to 30 days of continuous operations. (CGC1, H-1, 6)	
Critical Task:	Demonstrate the ability of staff to retrieve data. (CGC1, H-1, 1, Agency COOP Plan)	
Critical Task:	Test program staff verification of information systems support of Essential Functions and verify Information Technology's validation process. (CGC1, H-1, 1& 6)	
Critical Task:	Validate Recovery Time Objectives for system restoration. (Agency COOP Plan & IT Disaster Recovery Plan)	
Source(s):	Annex H (Continuity Communications) to Continuity Guidance Circular 1, July 2013 and Agency Continuity of Operations Plan	
Observation Notes:	1	Target rating:

Venue: To Be Determined

HUMAN RESOURCES			
Test procedures used by Human Resources to provide information and services to employees and family members within hours of a continuity activation.			
During a continuity incident, emergency employees and other special categories of employees will be activated by an agency to perform assigned response duties. Organizations are also responsible for supporting employees who are not designated as ERG personnel but who may also be affected by a continuity activation.			
Provide personnel services to agency employees and families in accordance with agency policies, procedures and Continuity of Operations Plan. (CGC1, J-2, 7)			
Contact and account for all staff personnel, including contractors. (CGC1, J-2, 6)			
Identify and alert replacement personnel and augmentees, as required. (CGC1 N-3, 13) Communicate the agency's operating status to all staff members. (CGC1, J-2, 5)			
Communicate guidance to non-ERG personnel to include how and to the extent which employees are expected to remain in contact with their agency during closure situations. (CGC1, J-3, 9-10)			
	Test procedures used by Human Resources to employees and family members within hour (CGC1, K-2, 15 & J-3, 14) During a continuity incident, emergency employees will be activated by an agency to perform of the organizations are also responsible for support as ERG personnel but who may also be affected. Provide personnel services to agency employee agency policies, procedures and Continuity of Contact and account for all staff personnel, included the agency's operating status to Communicate the agency's operating status to Communicate guidance to non-ERG personnel employees are expected to remain in contact we		

Test procedures to record employee time, conduct work scheduling, and provide pay,

Target rating:

62

Annex J (Human Resources) to Continuity Guidance Circular (CGC) 1, July 2013

leave, and benefits, and communicate associated flexibilities. (CGC1, J-3, 14)

and Agency Continuity of Operations Plan

Exercise Name: TBD | Agency: To Be Determined

Critical Task:

Observation Notes:

Source(s):

OPERATIONS-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date: TBD		
	DEVOLUTION OF CONTROL AND D	DIRECTION
Exercise Objective:	Demonstrate the agency's ability to effectively transfer roles and responsibilities for conduct of its essential functions to an alternate organization(s). (CGC1, K-2, 15 & L-2, 3-8)	
Continuity Element:	The transition of roles and responsibilities for performance of essential functions through pre-authorized delegation of authority and responsibility. The authorities are delegated from an organization's primary staff to other employees internal or external to the organization in order to sustain essential functions for an extended period.	
Continuity Capability Target 1:	Exercise agency plan to transfer direction and control of agency operations to a predesignated devolution site. (CGC1, L-2, 6)	
Critical Task:	Implement the agency's devolution option based on a pre-identified trigger (event and/or conditions). (CGC1, L-2, 5)	
Critical Task:	Inventory assets and resources, such as equipment and materials required to perform essential functions at the devolution site. (CGC1, L-2, 7)	
Critical Task:	Review processes and procedures for acquiring resources necessary to continue essential functions and to sustain those operations for extended periods. (CGC1, L-2, 8)	
Critical Task:	Exercise procedures to transition responsibilities to personnel at the primary operating facility upon termination of devolution. (CGC1, L-2, 9)	

Target rating:

63

Annex L (Devolution of Control and Direction) to CGC 1, July 2013 Source(s): and Agency Continuity of Operations Plan

Observation Notes:

OPERATIONS-BASED EXERCISE		
Exercise Name: TBD	Agency: To Be Determined	Venue: To Be Determined
Exercise Date: TBD		
	TELEWORK	
Exercise Objective:	Test the agency's ability to telework as a prima essential functions and supporting tasks. (CGC)	
Continuity Element:	A work flexibility arrangement under which employees perform the duties and responsibilities of their positions, and other authorized activities, from approved alternate worksites.	
Continuity Capability Target 1:	Test agency telework capabilities, to include IT infrastructure, required to conduct essential functions and supporting functions within 12 hours of notification of a continuity incident. (CGC 1, K-2, 12)	
Critical Task:	Demonstrate access by all agency personnel to essential records using Virtual Private Network (VPN.) (Agency COOP Plan)	
Critical Task:	Demonstrate use of softphone capability by agency personnel to report personnel status and monitor/participate in scheduled agency teleconference. (Agency COOP Plan)	
Critical Task:	Demonstrate use of agency-specific communications application (e.g., Microsoft Lync chat board) by agency personnel for work assignments and communications within their sections. (Agency COOP Plan)	
Source(s):	Annex G (Continuity Facilities) to Continuity Guidance Circular (CGC) 1, July 2013 and Agency Continuity of Operations Plan	
Observation Notes:		Target rating:

DRILLS



EXERCISE OBJECTIVES

DRILLS

- Conduct quarterly tests of the internal and external interoperability and viability of communications equipment and systems (CGC 1, K-2, 10)
- Conduct quarterly tests of alert, notification, and activation procedures for ERG, DERG, and headquarters personnel (CGC1, K-1, 5)



SUMMARY

EEGs and Exercise Objectives will be further evaluated and edited by the EEG Work Group and then sent to FEMA Region VI/ DHS for review

To provide easy access to the information presented today, the State Office of Risk Management will post copies of the following on its website at: www.sorm.state.tx.us

- Sample Continuity Exercise Objectives
 - Discussion-based
 - Operations-based
- Sample Continuity Exercise Evaluation Guides
 - Discussion-based
 - Operations-based
- This presentation

COMMENTS / DISCUSSION



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