Cyber Resilience Testing

Table top Cyberexercise

ASBA - BIS - CEMLA| November 2020

BANCO CENTRAL
DE LA REPÚBLICA ARGENTINA

Agenda

1 | State of affairs

2 | Objectives

3 | Table top Cyber exercise

4 | Conclusions

2019 - State of affairs

- Cyber security and Cyber resilience guidelines.
- Cyber incident communication protocol.

Main Goals

- Improve financial system cyber resilience.
- Test communication and coordination during crisis.
- Raise awareness

Key aspects

To simulate a realistic crisis, where

- members of a multidisciplinary team would interact and exercise their reactions.
- All members would feel the importance of their participation.
- Participants of systemic importance and independent overseers.

Key aspects

- **Highly probable situation, to involve participants.**
- **Story that creates empathy and engagement.**
- **Methodology to analyze the objectives proposed and benchmark the results.**
- **Share common findings and lessons learned.**

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Table top Cyber exercise

Leadership and Coordination | BCRA – Information Security Regulation

5 Overseers:
National Cyber security Committee members

BCRA Areas:

- *Financial Stability*
- *Payment Systems*
- *Financial Users Protection*
- *Communication/Press*
- *Legal*
- *IT Supervisors*

Methodological Support / Facilitator | Accenture

Participants

5 Systemically Important Financial Institutions

Up to 7 members per FI

- *Infosec*
- *IT*
- *Legal*
- *Business services*
- *Press/Communications*
- *Risk (optional)*

Anonymity

Teams were identified as **Team A, B, C, D and E**. All the team´s participants belong to the same FI.

Excuse

The simulation was an **excuse** to test the team's communication among themselves, the rest of participants and the regulator.

Autoevaluation

Teams had the opportunity to exercise and **autoevaluate** their crisis plan.

A crisis seen from a customer´s point of view. cartoon to tell the story. (Gamification).

Story was evolving quickly and in unexpected directions.

Final Report: internal and external communication flow

- ***Transmitter***
- ***Receiver***
- ***Message***
- ***Communication channel.***

Table Top Exercise

- Increase critical thinking under “near real” conditions
- Define clear objectives to improve the crisis plan and the team’s performance. Eg Identify gaps or areas of improvement.
- The more you exercise the better prepared to cope with a crisis and return to normal operations asap.

Thank you

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