

Insights on Algeria's experience implementing X.1060 framework

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X.1060 recommendation establishes a framework for organizations not only to **build** and **manage** a cyber defence centre (CDC), but also to periodically **evaluate and improve its effectiveness.**

Who can take benefit?

The entity that **offers security services** to manage the cybersecurity risks at the top management level of any organization, **can significantly take benefit** from **X.1060** and **adopt** its framework.

X.1060 recommendation establishes a framework with a very high level of **adaptability and flexibility**:

Table 1 – CDC service recommendation level

Weight	Description
Unnecessary	Services deemed unnecessary
Basic	Minimum services to be implemented
Standard	Services that are generally recommended for implementation
Advanced	Services required to achieve a higher-level CDC cycle
Optional	Services arbitrarily selected according to the expected form of CDC

X.1060 recommendation establishes a framework with a very high level of **adaptability and flexibility**:

Table 2 – CDC service assignment

Type	Description
Insourcing	Services are provided by a team within the organization. The organization should specify the team in charge.
Outsourcing	Services are provided by a team outside of the organization. The organization should specify the outsourcer.
Combination	The organization uses insourcing and outsourcing together. A responsible team and a contractor should be specified by the organization.
Unassigned	Although the organization recognises a service, but there is no assignee in the organization.



X.1060 recommendation establishes a framework with a very high level of **adaptability and flexibility**:

“ An organization can establish its own service catalogue by selecting services from the list and adding services specific to the organization ”

Regular evaluation of CDC

For insource	
Documented operation is authorized by CISO or other organizational director who has appropriate responsibilities	+5 points
Operation is documented and others can play the role of existing operator	+4 points
Operation is not documented, and others can play the partial role of existing operator temporarily	+3 points
Operation is not documented, and the existing operator can play role	+2 points
Operation is not working	+1 point
Decided not to implement by insourcing	N/A

Table 3 – CDC service scores

Service	Recommendation level	Service assignment	Service score	
			As-is	To-be
Service ex.1	Basic	Insourcing (AB Dept.)	3	5
Service ex.2	Standard	Outsourcing (Z-MSSP)	2	4
Service ex.3	Advanced	Unassignable	1	2

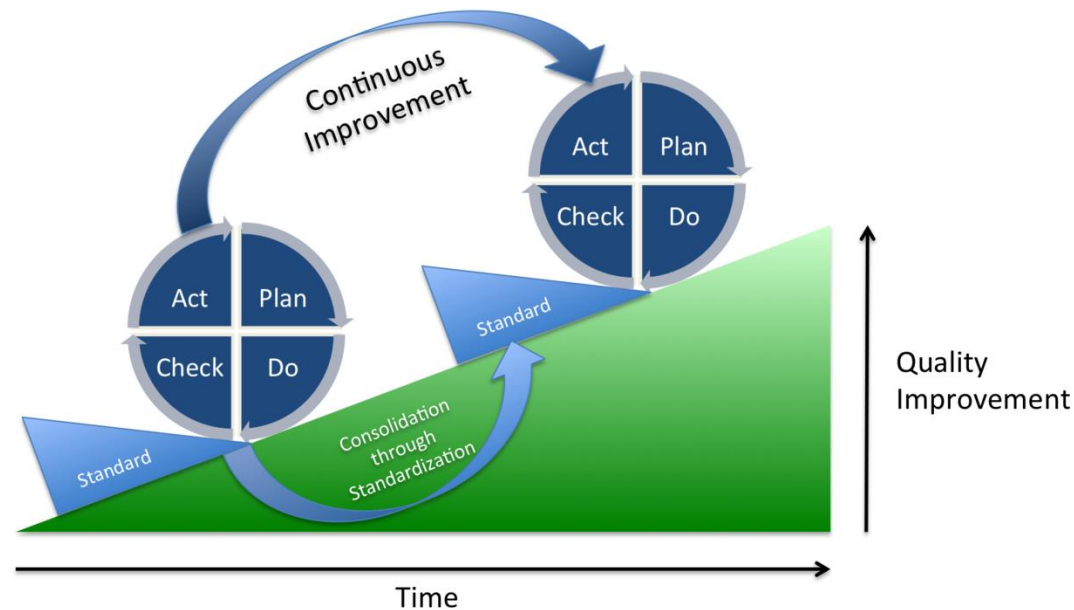
Figure 4 – Services matrix for a CDC

Insights on the ITU-T X.1060 Survey

The most interesting aspect we found in **X.1060 recommendation, reside on its richness, adaptability, adequation to be adopted and implemented progressively.**

Insights on the ITU-T X.1060 Survey

In our case, we are not just interested by the **X.1060** but rather we already adopted the framework and implemented more than 50% of its services.





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Thank you