



NATIONAL MILITARY STRATEGY FOR CYBERSPACE OPERATION

***BY
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INTRODUCTION

- ✓ *Cyberspace is another domain besides the land, air, sea, and space.*
- ✓ *Operations conducted in the cyber domain largely affects the activities in the other domains.*
- ✓ *State actors, non-state actors, criminals and fraudsters use the cyberspace to perpetrate unlawful activities such as cyber terrorism, espionage, propagation of fake news and hate speech particularly via social media, etc.*
- ✓ *The Nigeria Military like its counterpart in the world, thrive to gain supremacy over the nation's cyberspace in order to defend its territorial integrity.*



AIM

To acquaint the audience with the Nigeria Military Strategy for Cyberspace Operations.



SCOPE

1. *Overview of Nigeria's cyberspace.*
2. *Threats to Nigeria's cyberspace.*
3. *Strategic guidance.*
4. *National cyber defence coordination.*
5. *Achievements.*
6. *Challenges and way forward.*



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OVERVIEW OF NIGERIA'S CYBERSPACE

- *Nigeria cyberspace is an imaginary domain that does not have geographical boundary. However, it operates within a logical boundary over Nigeria's territory.*
- *A Digitalized domain presents significant opportunities to enhance Nigeria's readiness for a holistic and global economic competitiveness and national development.*
- *Nigerian economy, government and private entities rely on the integrity of cyberspace for transactions.*
- *Could be exploited negatively, posing threats to national security and economic wellbeing.*



OVERVIEW OF NIGERIA CYBERSPACE **(CONTINUE)**

- *The current thriving nature of the Nigerian cyberspace has attracted the attention of transnational terrorists groups, which suggests an increasing chances for cyber terrorists to use cyberspace to inflict violent by targeting critical assets including financial networks, transportation systems and military infrastructure amongst others.*
- *High number of organisations in Nigeria fall victim of cyber attacks, making the nation a high target by perpetrators of cybercrime.*



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THREATS TO NIGERIA CYBERSPACE

- *Nigerian cyberspace is faced with significant threats resulting to huge losses in monetary value, reputation damage etc.*

- *Like every digitalized country in the world, the targets of cyber attacks in the Nigerian cyberspace include:*
 - *Cloud based systems.*
 - *Mobile devices.*
 - *Internet of Things.*
 - *Data Centres etc.*



THREATS TO NIGERIA CYBERSPACE (CONTINUE)

Cyber threats of concern in Nigeria's cyber domain include:

- *Cybercrime (Business Email compromise, malwares, ransomware, Distributed Denial of Service, cloud hijacking, etc).*
- *Online child online abuse and exploitation.*
- *Election interference.*
- *Online gender exploitation.*
- *Pandemic induced cyber threats.*
- *Cyber terrorism.*
- *Threats of Unmanned Aerial Vehicles.*



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STRATEGIC GUIDANCE

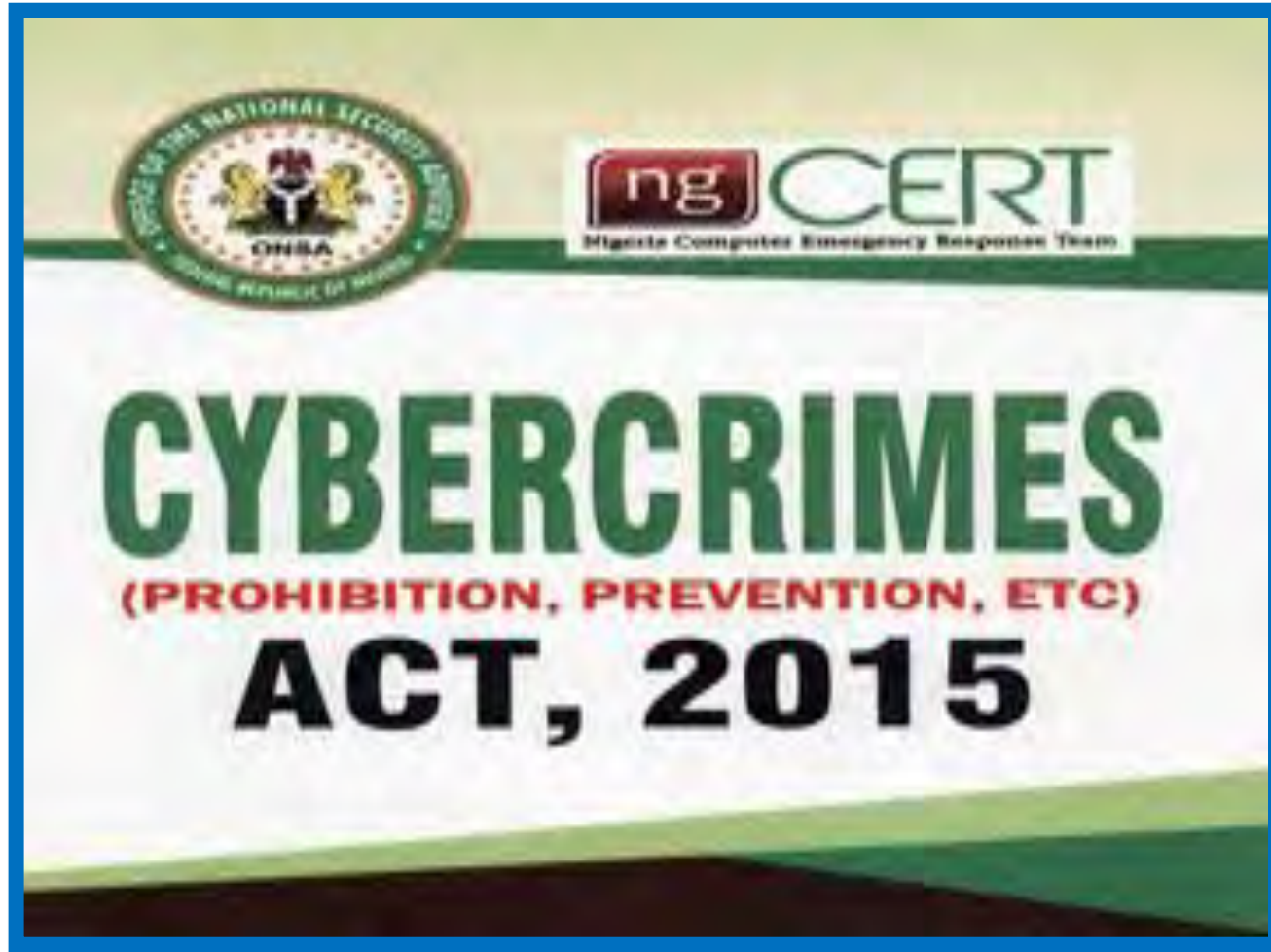
- *It is important that the Nigeria military have supremacy in the cyber domain in order to complement its efforts to holistically defend the nation's territorial integrity.*
- *Need for the strategy to guide the military operations in the cyber domain.*
- *National Military Strategy (NMS) for cyberspace operations is a comprehensive approach of the Nigeria Armed Forces that ensure its supremacy in our cyberspace.*

STRATEGIC GUIDANCE (CONTINUE)

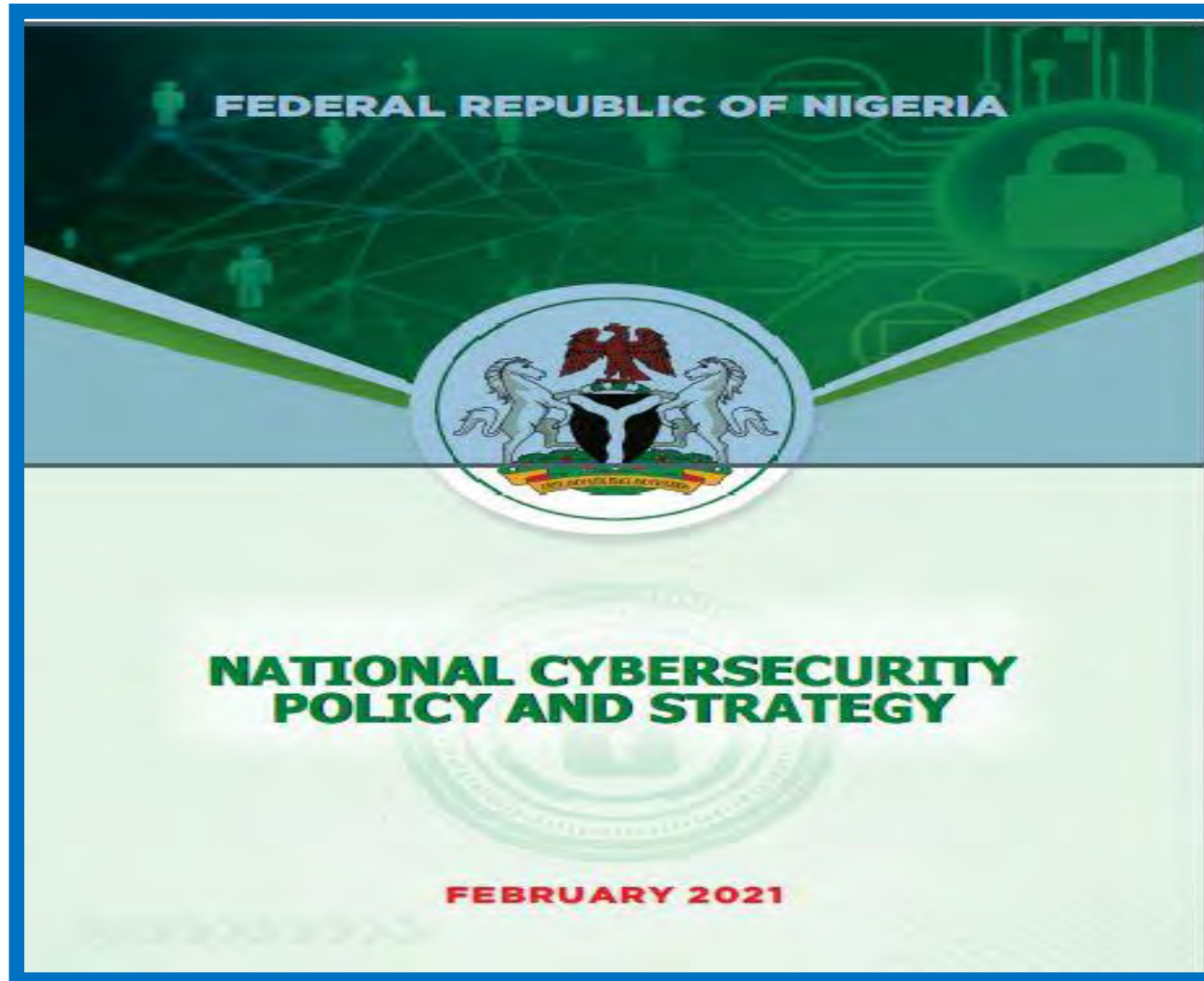
- *The strategy establishes a framework that focuses on military operations at both strategic and tactical levels.*
- *It covers areas of operations regarding Headquarters, branches, formations, directorates, units, combatant commands, field activities and agencies.*
- *NMS is a reference for planning, executing and resource cyberspace operations.*
- *The Nigeria Military has leveraged the different national instruments in the course of discharging its cyber defence responsibilities.*

STRATEGIC GUIDANCE (CONTINUE)

The strategic instruments engaged for the fulfilment of cyber defence include:



STRATEGIC GUIDANCE (CONTINUE)



STRATEGIC GUIDANCE (CONTINUE)



STRATEGIC GUIDANCE (CONTINUE)

NATIONAL SECURITY STRATEGY



FEDERAL REPUBLIC OF NIGERIA

DECEMBER 2019

STRATEGIC GUIDANCE (CONTINUE)



NIGERIA DATA PROTECTION REGULATION 2019

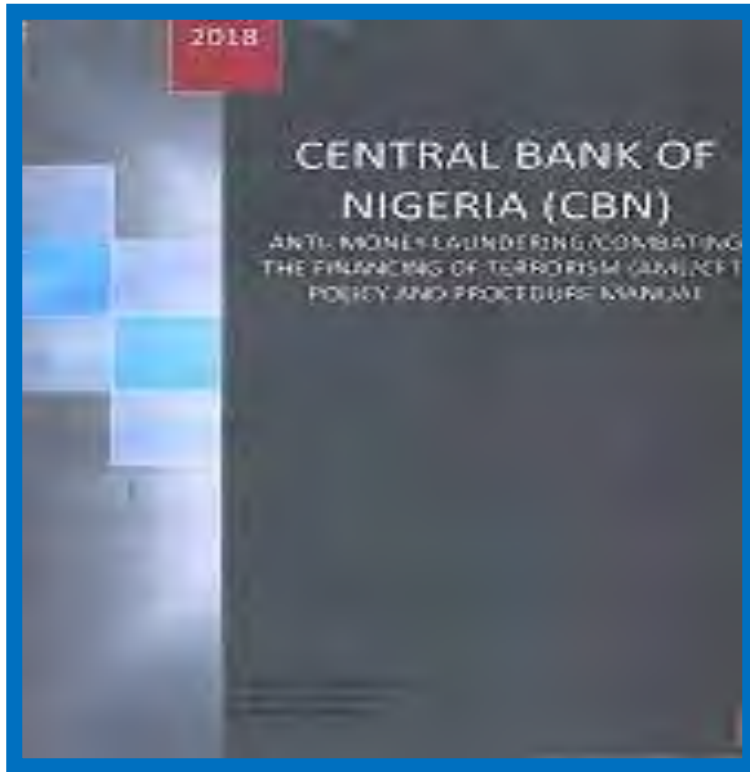
STRATEGIC GUIDANCE (CONTINUE)





RESTRICTED

STRATEGIC GUIDANCE (CONTINUE)



CBN Anti-Money Laundering and Terrorist Financing (Prevention) Act 2018.

RESTRICTED



STRATEGIC GUIDANCE (CONTINUE)

Others are:

- *Terrorism Prevention Amendment Act 2013.*

- *Advance Fee Fraud and Other Fraud Related Offences Act, 2006.*

- *The Nigerian Data Protection Bill (In progress).*



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NATIONAL CYBER DEFENCE **COORDINATION**

As enshrined in the NCPS 2021, the National Cyber Defence Coordination (NCDC) shall be responsible for:

- *Administering the activities of the cyber establishments of the Armed Forces.*
- *Development of the Cyber defence plan for Nigeria.*
- *Training of the Armed Forces to protect the Nigeria Cyberspace*



NATIONAL CYBER DEFENCE **COORDINATION (CONTINUE)**

To achieve the mandates of NCDC, the Defence Space Administration (DSA) shall interface with the National Cybersecurity Coordination Centre (NCCC) and other relevant stakeholders.

In consonance with the provision of extant laws, DSA is to develop the necessary capabilities to defend:

- *Nigeria Military networks and systems.*
- *Government Information Technology assets.*
- *Nigeria's Critical National Information Infrastructure.*



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ACHIEVEMENTS

The Federal Government through its efforts in implementing the military strategy for cyberspace operation in line with the provision of NCPS 2021 and the Cybercrime Acts 2015 has achieved the following:

- Established the Defence Computer Security Incident Response Team.*
- Established cyber warfare command.*
- Developed capacities (e.g. human and infrastructure etc.)*



ACHIEVEMENTS (CONTINUE)

- *Organised a sensitisation workshop on the implementation of Nigeria's National Cybersecurity Policy and Strategy 2021 for Defence, Intelligence, Security and Law Enforcement Sector in September 2021.*
- *Conducted several Cyber drills.*
- *Local and international collaboration (ISPs, technology giants etc.)*

ACHIEVEMENTS (CONTINUE)

- *Developed to achieve the mandates of NCDC, the Defence Space Administration (DSA) shall interface with the National Cybersecurity Coordination Centre (NCCC) and other relevant stakeholders.*
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CHALLENGES AND WAY FORWARD

Challenges:

- *Slow progress in the development of the national cyber defence plan.*
- *Inadequate cyber defence and offensive skill-sets.*
- *Inadequate funding.*

Way forward:

- *Establishment of the NCCC.*
- *Training.*
- *Adequate budget preparation.*

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CONCLUSION



THANK YOU