National Information Technology Center (NITC)

Security Services

Introduction

The National Information Technology Center was established in 2003 in accordance with the temporary law No.(81) for 2003 entitled "[Deployment of Information Technology Resources in Government Organization Law](#)". NITC was restructured accordingly and it became an independent government organization managed by a board of directors chaired by the Minister of the Ministry of Information and Communication Technology

Vision

NITC is the primary arm for utilizing the national IT resources of the public sector and maximize its contribution to economic growth and welfare of Jordan.

Mission

To play the role of the CTO of the government in all matters including the procurement, deployment, utilization, standardization, and budgeting of IT resources including the hardware, software, human, information, and process resources.

Objectives and Tasks

• Providing a key base of information at the national level, compiled, and software development on the use of an integrated national system of information.

• Conducting studies and surveys and research related to the needs of government institutions and uses of information technology resources.

• Managing and exclusively registering national internet domain (.jo) and specifying the amount the fees for services charged by NITC according to the instructions issued by the council for this purpose.

Objectives and Tasks

• Preparation of plans and programs for training and qualifying government staff on the use of information technology resources.

• Publication and distribution of publications related to the development and use of information technology resources.

• Providing consultations in the areas of information technology resources, software and specifications.

• Participation in conferences, seminars, scientific meetings, workshops, local and external meetings related to the objectives of NITC.

Objectives and Tasks

• Any other duties related to the objectives of NITC assigned by HE the Minister.

• Implementation of plans and programs that NITC may be assigned to, in accordance to strategic assessments.

• Providing, managing and operating any of the information technology resources in accordance with strategies, plans and programs, or by a decision of the Minister under an agreement with any of the relevant government institutions, provided the mandate or agreement is specific and in writing.

• Issuing technical specifications for the management and operation of technology in ministries and government institutions and other international organizations

NITC Services

- INTERNET.

- WEB and MAIL HOSTING.

- DOMAIN NAME SYSTEM.

- E-GOVERNMENT OPERATION CENTER.

- KNOWLADGE STATIONS PROGRAM.

- Security Services

- Others

NITC Security Services

- NITC has a de-facto role in securing the cyberspace of the Government of Jordan.

What did we Achieved

- Security department deployed in the Organization Structure of the NITC in 2011
- The department has a clear mission:

"Securing NITC and its Services"

- The need, broaden the mission to securing the government services and procedures as possible.
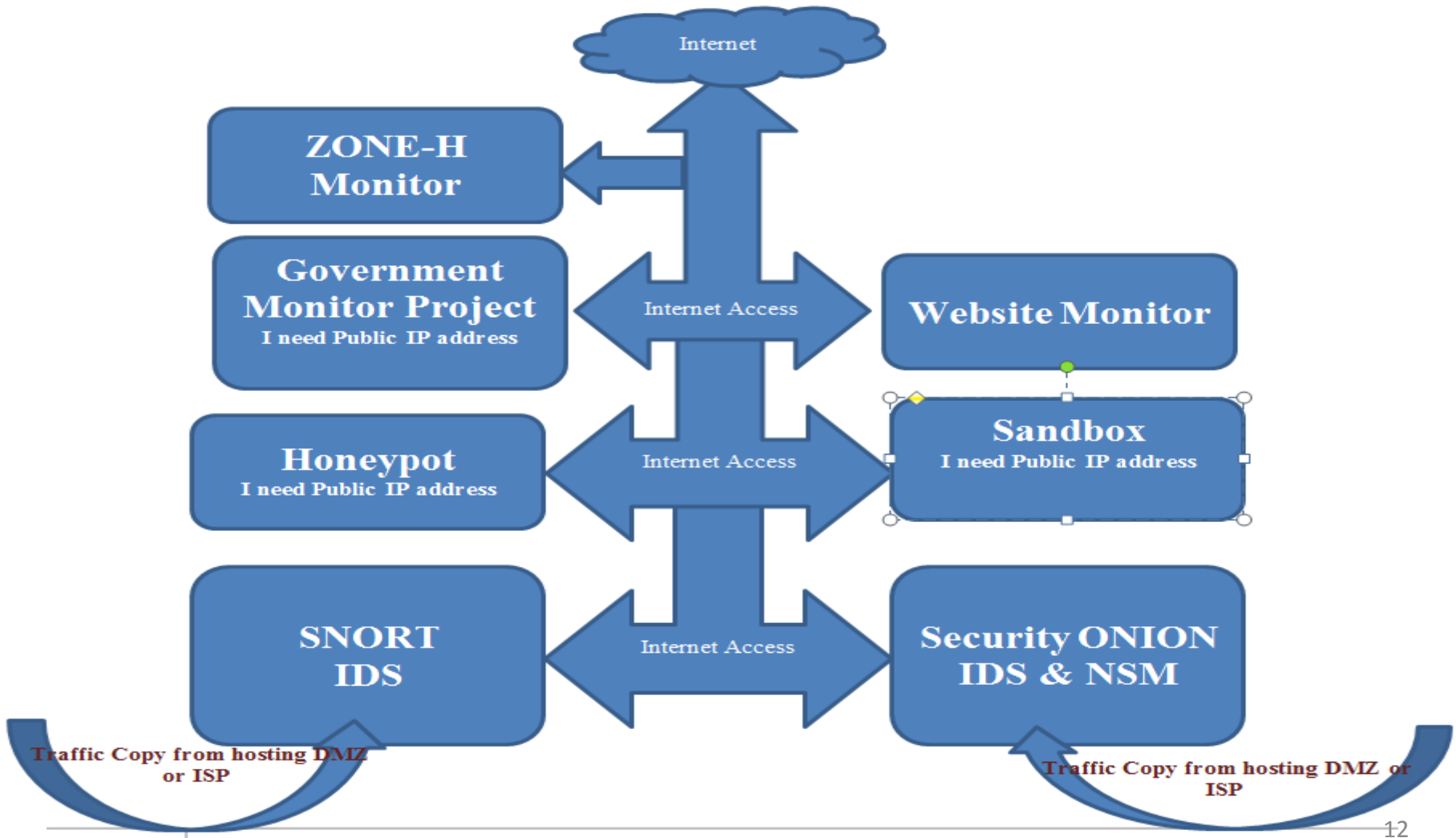
NITC Security Services

- Capacity Building: the human factor is a key.
- Many specialized courses were prepared for the team.
- CEH, ISO, Penetration Testing, CISSP, …etc.

NITC Security Services

- Genius...

NITC Security Services

- <u>Laws, Strategies and Policies</u>
- Information Systems Crimes Act
  - http://nitc.gov.jo/PDF/Law.pdf
- National Information Assurance and Cyber Security Strategy
  - http://nitc.gov.jo/PDF/NIACSS.pdf
- National information Security Policies
  - http://nitc.gov.jo/PDF/SiC.pdf

Daily Work

- Penetration Testing for NITC Services.

- Malware detection.

- Risk Assessment for governmental entities.

- Awareness.

- Incident Response.

- Forensics.

Challenges

Budget

Open Source Tools

In-House Development

Challenges

Resources

Prioritization

Overtimes

CIRT

- CIRT unit was initiated (Org. Structure)in July 2014.
- NITC is building up the capacity for the team.
- Implementation plan is **ready**.
- Online site will be available very Soon.
- Current Security Team handling the tasks of the CIRT.

CIRT

JoCIRT		
2015	2016	2017
• CIRT Enabled • CIRT Online Site • Team Capacity Building • Introducing CIRT Services to the Governmental Entities	• Enhance the Services • Enhance the international cooperation. • Introduce the Services to CNI Entities	• Enhance the Services • Introduce the Services to the Citizens and the Private Sector.

PKI

- National Trust Model, based on a Public Key Infrastructure (PKI) providing a secure method of generating legally binding electronic signatures for government employees, citizens, and other entities.

From Our Experience

Awareness

Better Security

Experience

Visibility

For the Region

- Awareness: Adoption of intensive awareness programs

- Expertise: Capacity Building

- Visibility: Go Deep and monitor more.

- Looking for **Regional Programs?**

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Thank You