|  |
| --- |
| **STATE GOVERNMENT** **information security*****Competency & Functional Framework*****Functional Perspectives:** |
| ***STATE GOVERNMENT INFORMATION SECURITY ROLES*** |
| ***Executive (Managerial)*** | ***Functional (Technical)*** |
| **Chief****Information Security Officer**  | **Privacy** **Officer**  | **Information Security Officer or Manager**  | **Compliance****Officer****(Information****Assurance)** | **Information Security****Engineer** | **Information Security Professional** | **Information****Security****Operations &****Maintenance****Professional** | **Information Security System** **Administration****Professional** |
| **M -** **D -** **I -** **E -**  | **Manage****Design****Implement****Evaluate** |
| **Information Security Competencies** | **1** | **Data (Information) Security** | **m** |  | **m** | **D** | **M** | **D** |  |  |  | **d** |  | **d** |  |  |  | **d** |
|  |  |  | **e** |  | **e** |  | **e** | **I** | **E** | **i** |  | **i** | **e** | **i** | **e** |
| **2** | **Digital Forensics** | **m** |  |  |  |  |  |  |  |  | **d** |  |  |  |  |  |  |
|  |  |  | **e** | **i** |  |  | **e** |  | **e** |  | **e** | **i** |  | **i** |  |
| **3** | **Enterprise Architecture** |  |  |  |  |  |  |  |  | **m** | **d** |  |  |  |  |  |  |
|  | **e** |  |  |  |  |  | **e** | **i** | **e** |  | **e** | **i** | **e** | **i** | **e** |
| **4** | **Enterprise Continuity (Disaster Recovery)** | **m** |  |  |  |  |  |  |  |  | **d** |  | **d** |  | **d** |  | **d** |
|  |  |  | **e** |  | **e** |  | **e** | **i** | **e** | **i** | **e** | **i** |  | **i** | **e** |
| **5** | **Incident Management** | **m** |  | **M** | **D** |  | **d** |  |  |  | **d** |  | **d** |  | **d** |  | **d** |
|  |  | **I** | **e** |  | **e** |  | **e** | **i** | **e** | **i** | **e** | **i** | **e** | **i** | **e** |
| **6** | **Information Security Training and Awareness** | **m** |  |  | **d** |  | **d** |  | **D** |  | **d** |  |  |  |  |  |  |
|  |  |  | **e** | **i** | **e** |  | **e** | **i** | **e** | **i** | **e** | **i** | **e** | **i** | **e** |
| **7** | **IT Systems Operations and Maintenance** |  |  |  |  |  |  |  |  |  | **d** |  |  | **m** | **d** | **m** | **d** |
|  |  |  |  |  |  |  | **e** | **i** | **e** |  | **e** | **i** | **e** | **i** | **e** |
| **8** | **Network and Telecommunications Security** |  |  |  |  |  |  |  |  | **m** | **d** |  |  | **m** | **d** | **m** | **d** |
|  | **e** |  |  |  |  |  | **E** | **i** | **e** |  | **e** | **i** | **e** | **i** | **e** |
| **9** | **Physical and Personnel Security** | **m** |  |  | **D** | **M** | **d** |  |  |  |  |  | **d** |  |  |  | **d** |
|  |  | **I** | **E** |  | **e** |  | **E** | **i** | **e** | **I** | **E** |  | **e** | **i** | **e** |
| **10** | **Policies, Standards and Compliance (Information Assurance)** | **m** |  |  | **D** |  |  | **M** | **D** |  |  |  |  |  |  |  |  |
|  | **e** | **I** | **E** | **i** | **e** | **I** | **E** | **i** |  | **i** | **E** | **i** | **E** | **i** | **E** |
| **11** | **Privacy** | **m** | **d** | **M** | **D** |  |  |  |  |  | **d** |  | **d** |  |  |  |  |
|  |  | **I** | **e** |  |  |  | **E** |  | **e** | **i** | **e** |  | **e** |  | **e** |
| **12** | **Procurement** | **m** | **D** |  |  |  |  |  |  |  | **D** |  | **D** |  |  |  |  |
|  | **e** |  | **e** |  |  |  | **E** |  | **E** | **i** | **e** |  | **e** |  | **e** |
| **13** | **Security Risk Management** | **m** | **d** | **M** | **D** |  | **d** |  |  |  | **d** |  | **d** |  |  |  | **d** |
|  |  | **I** | **e** | **i** | **e** | **I** | **E** | **i** | **e** | **i** | **e** |  | **i** | **i** | **e** |
| **14** | **Strategic Security Management** | **m** | **d** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  | **i** |  |  | **E** | **i** |  | **i** | **e** |  | **i** | **i** |  |
| **15** | **System and Application Security** | **m** |  |  |  |  |  |  |  |  | **d** |  | **d** |  | **D** |  | **d** |
|  |  |  | **E** |  | **E** |  | **E** | **i** | **e** | **i** | **e** | **I** | **E** | **i** | **e** |

***State Government Information Security Competency & Functional Framework Matrix - January 2010 V.1.0***