

**Senate Economics Legislation Committee**

**ANSWERS TO QUESTIONS ON NOTICE**

**Treasury Portfolio**

**Supplementary Budget Estimates**

**2014 - 2015**

**Department/Agency: APRA**

**Question: SBT 1401-1409**

**Topic: Cloud Services and Storage**

**Reference: written - 06 November 2014**

**Senator: Ludwig, Joe**

**Question:**

- 1401. Is the department using or planning to use cloud digital services (e.g. storage, computer software access etc)? If yes:
- 1402. What date did/will cloud services be deployed in the department?
- 1403. Please provide a list of all cloud services in use or being considered for use.
- 1404. How much do these services cost? Please break down by service.
- 1405. How much cloud storage (in gigabytes) is available for departmental use? What percentage of the available total is in use?
- 1406. How much does this cloud storage cost per month?
- 1407. What security arrangements are in place to protect cloud based services and storage?
- 1408. Have any security analysts been employed / contracted to advise on the implementation and upkeep of these security arrangements?
- 1409. What has been the cost of security for the cloud? Please provide a breakdown.

**Answer:**

1401 to 1403. Yes. Over the past three years, the Australian Prudential Regulation Authority (APRA) has deployed a limited number of instances of cloud digital services for applications such as media monitoring, library, recruitment, learning and development (training).

APRA is currently investigating additional functionality that could be hosted in the cloud as part of a broader information technology strategy and specific services where they meet APRA's business needs and security requirements.

1404. Currently the cost of cloud digital services per annum are:

Social media monitoring	\$18,000
On-line library services	1,922
On-line learning centre	34,870
On-line recruitment	47,185

1405 and 1406. Not applicable given current deployment.

1407. Prior to implementing cloud services a threat and risk assessment is undertaken by APRA's Chief Security Officer (CSO), which considers matters such as the information classification, organisation of information security, human resources security, communications and operations management, access management, business continuity, compliance, and other items such as geolocation of services and data, legal and contractual terms, and previous history of the provider.

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1408. APRA has a full-time CSO who works with business divisions and Information Technology to ensure that security of the solutions is assessed and addressed and incorporated into solutions prior to their deployment.
1409. As the security is assessed prior to deployment and incorporated into the solution, there has been no additional cost for cost of security specific to cloud services to date.