

**Senate Standing Committee on Environment and Communications**

**Answers to Senate Estimates Questions on Notice**

**Supplementary Budget Estimates Hearings November 2014**

**Communications Portfolio**

**Australian Broadcasting Corporation**

**Question No: 623**

**Program No. Australian Broadcasting Corporation**

**Hansard Ref: In Writing**

**Topic: Cloud Services and Storage**

**Senator Ludwig asked:**

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

**Answer:**

1. Yes
2. The date that cloud services were deployed by the ABC are listed as follows:

Description	Date Deployed	Annual Cost (inc. GST)	Cloud Storage	% used
Content distribution service for ABC web presence	2007	\$3,700,000	unlimited (cost per unit/month)	N/A
Television Playout	2010	\$4,110,000	N/A	
Web Hosting services	Various	\$597,000	Terabytes	
Transcoding	2011	\$286,000	N/A	
Online publishing tools	Various	\$95,000	N/A	
Statistics management	Various	\$270,000	N/A	
Mapping & Location	Various	\$44,000	N/A	
Weather details/graphics	2008	\$205,000	N/A	

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Collaboration	Various	\$131,000	N/A	
File Sharing	2013	\$113,000	Unlimited	
Blogging	Various	\$16,000	N/A	
Email Security and Filtering	2008	\$60,000	N/A	
Security vulnerability	2007	\$30,000	N/A	
System Monitoring	Various	\$55,000	N/A	
Payroll processing	2002	\$600,000	N/A	
Talent Management & Recruiting	2009	\$30,000	N/A	
Resource Time Sheets	2013	\$3,000		
Editing software	2013	\$194,000	N/A	
Support tools	2006	\$4,500	N/A	

3. See table above at question 2.
4. See table above at question 2.
5. See table above at question 2.
6. See table above at question 2.
7. Each service has an associated Service Level Agreement, which includes security management and monitoring. In addition, internal security staff verify solutions and work with cloud providers on the ongoing upkeep of the service.
8. Security analysts may be employed to assist in establishing the service. Internal security resources also work with the cloud provider on the design and implementation of the system and monitor ongoing performance.
9. Internal resources manage the ongoing performance of cloud services.