

Managing Information in Organizations

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Chapter 13 Technological Themes

Link 13.3 Application of Table 13.11 to Assess Impact of Cloud Computing on Information Management

Contextual Elements	Activities in the Life Cycle				Area of Impact
	Capture	Store and Retrieve	Use, Share, and Maintain	Archive and Destroy	
Actors	Who is the source of the data? Who captures the data?	<i>Who stores the data?</i> <i>Who can retrieve the data?</i>	Who can use the data? Who can share the data? Who can maintain the data?	<i>Who can archive the data?</i> <i>Who can delete the data?</i>	Cloud computing devolves management of the storage infrastructure to a third party. The information management strategy needs to consider who will have access to the organization's data in the cloud. Changes may be needed to the data security policy.

Contextual Elements	Activities in the Life Cycle				Area of Impact
	Capture	Store and Retrieve	Use, Share, and Maintain	Archive and Destroy	
Data	What data are captured?	What data are stored? What data are retrieved?	What data can be used? What data can be shared? What data can be maintained?	<i>What data are archived?</i> <i>What data are deleted?</i>	If data are archived in the cloud, this will need to be reflected in the data archiving policy.
Location	Where is the source of the data? Where are the data captured?	<i>Where are the data stored?</i> <i>Where can the data be retrieved from?</i>	Where can the data be used? Where can the data be shared? Where can the data be maintained?	<i>Where are the data archived?</i> <i>Where are the data deleted?</i>	Cloud computing changes where data are stored and archived. It may also increase the accessibility of the data. These changes need to be reflected in the data dictionary, data archive policy and data security policy.

Contextual Elements	Activities in the Life Cycle				Area of Impact
	Capture	Store and Retrieve	Use, Share, and Maintain	Archive and Destroy	
Date/Time	When are the data captured?	<i>When are the data stored?</i> <i>When are the data retrieved?</i>	When are the data used? When are the data shared? When are the data maintained?	<i>When are the data archived?</i> <i>When are the data deleted?</i>	Decisions are taken about when data are stored or archived in the cloud. These decisions need to be documented in the data dictionary and archive policy.
Strategy	Why are the data captured? Why are the data captured in this way?	Why are the data stored? <i>Why are the data stored in this way?</i> Why are the data retrieved?	Why are the data used? Why are the data shared? Why are the data maintained?	Why are the data archived? <i>Why are the data archived in this way?</i> Why are the data deleted?	Cloud computing changes the data storage strategy which needs to be reflected in information management strategy and archiving policy.
Means	How are the data captured?	<i>How are the data stored?</i> <i>How are the data retrieved?</i>	How are the data used? How are the data shared? How are the data maintained?	<i>How are the data archived?</i> <i>How are the data deleted?</i>	Storing and archiving data in the cloud requires changes to storage and archiving processes documented in the information strategy.