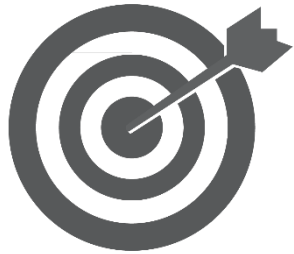iiNurture
Education Solutions
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Chapter 3.2

Transparency as Service

Aim

To equip the students with concept of transparency in the cloud computing. It is one of the important aspect of cloud security.

Instructional Objectives

- Explain the importance of Transparency as a service in cloud

- Explain the concepts involved in the Transparency as a Service in the cloud

- Explain various Security, Privacy and Compliance aspects of cloud

Concept of Transparency

- In the area of information technology, transparency is considered in a different way and considered as suggesting to the areas of sincerity and responsibility. The practice of transparency comes in various different forms of changing commitments, engagements and responsibilities.

- Transparency is vital means for strengthening information disclosure and enhances users trust in using cloud services.
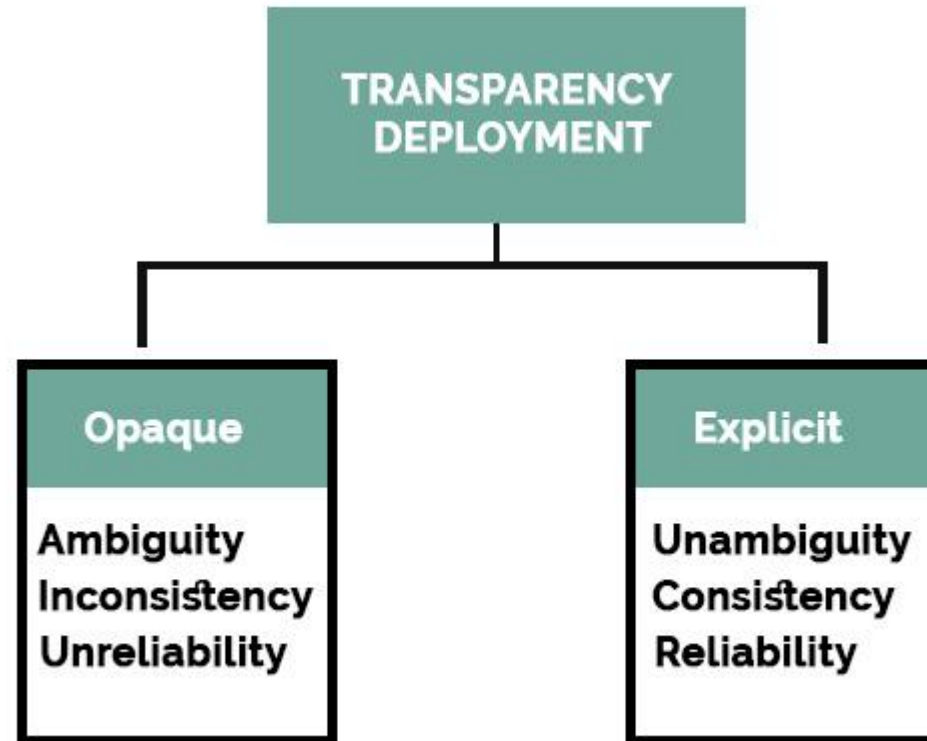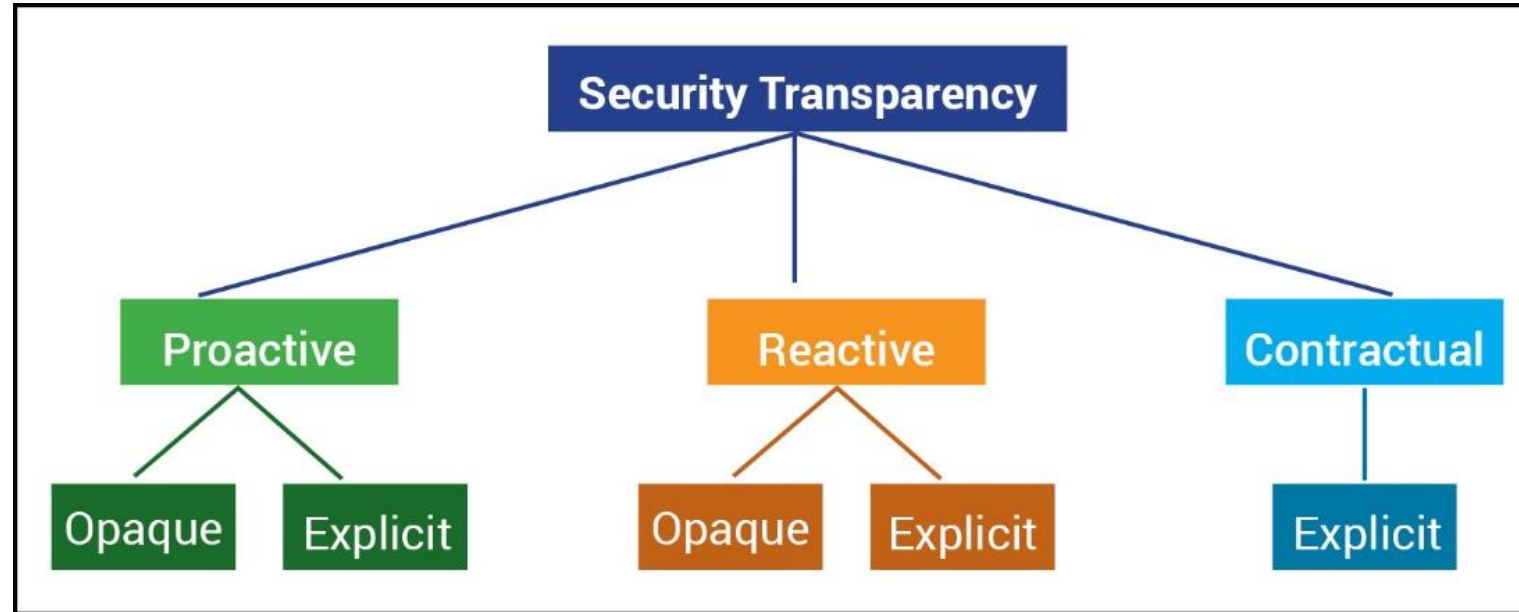
Categories of Cloud Security Transparency
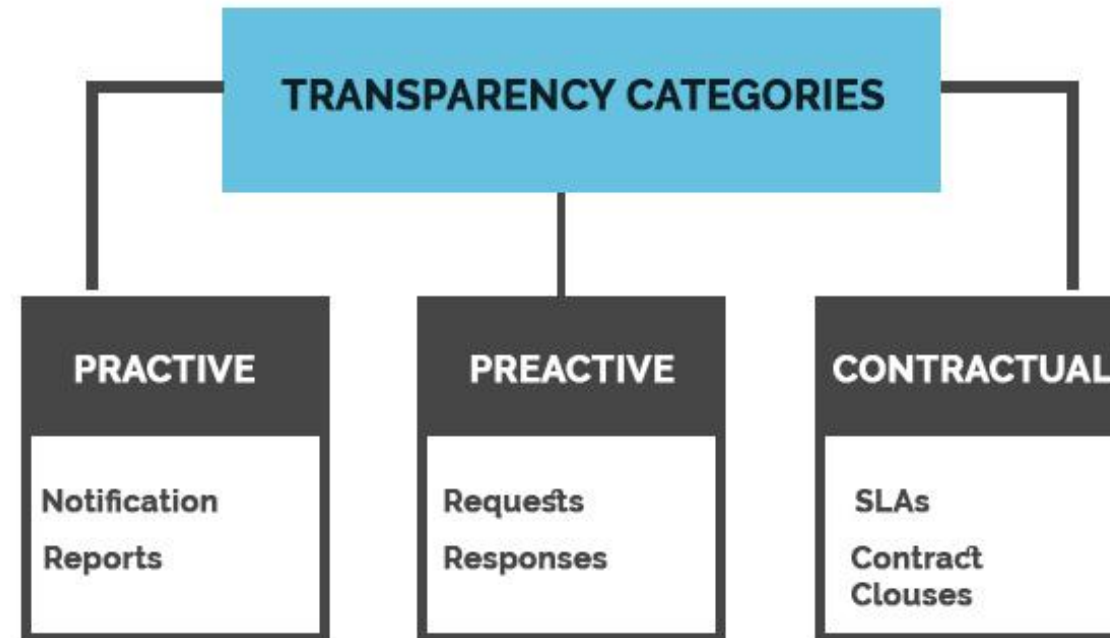
It particularly falls into two categories:

- Opaque

- explicit transparency,

Quiz / Assessment

Q.1.	Service is considered as suggesting to the areas of sincerity and responsibility		
	a) Transparency	b)	Adaptability
	c) SLA	d)	None of the above
Q.2.	TaaS means:		
	a) Terminal level agreement	b)	Transparency as a service
	c) All of the above	d)	None of the above
Q.3.	Categories of transparency in the cloud are as follows		
	a) Proactive	b)	Reactive
	c) Contractual	d)	All of the above.

Quiz / Assessment

Q.4.	Proactive transparency is :			
	a)	Non voluntary release of information	b)	voluntary release of information
	c)	Only A	d)	Both A & B

Activity

Activity Type: Offline   **Duration: 60 Minutes**

Description:

Take a company which has adopted the cloud and analyse how the transparency as a service has been followed in the organisation. Jot down five important points. Discuss in detail how cloud service is implemented.

Subjective Assessment

1. Explain the concept Transparency in the cloud security services.

2. Which are the different categories of cloud security transparency? explain in detail.

3. Explain in detail cloud Security Transparency Deployment Practices?

Summary

- Transparency is vital means for strengthening information disclosure and enhances users trust in using cloud services.

- Categories of cloud security Transparency - Proactive, Reactive and Contractual.

- Information that is revealed through transparency takes different dimensions. Some information release highly supports the Cloud Service Customer in decision making in some cases, certain disclosures present unnecessary information that creates uncertainty. It particularly falls into two categories:

- a. opaque Transparency.

- b. explicit transparency.

e-References

- This website was referred on 5th June 2016 while developing content for topic on cloud computing transparency
http://scap.nist.gov/events/2010/itsac/presentations/day2/Security_Automation_for_Cloud_Computing-CloudTrust_2.0.pdf

- This website was referred on 5th June 2016 while developing content for topic on cloud computing transparency

  http://www.symantec.com/connect/blogs/cloud-security-transparency-must

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  http://www.apurchasingd.com/solutions/apd-cloud/transparency-as-a-service/

- This website was referred on 5th June 2016 while developing content for topic on cloud computing transparency

  http://www.informationweek.com/cloud/transparency-and-trust-vital-concepts-in-cloud-computing/d/d-id/1088318?

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  http://arxiv.org/ftp/arxiv/papers/1303/1303.4814.pdf

External Resources

1. *Pethuru Raj - Cloud Enterprise Architecture-– CRC*

2. *Mark Fenwick, Stefan Wrbka , Flexibility in Modern Business Law: A Comparative Assessment -– Springer*

3. *Federal Cloud Computing: The Definitive Guide for Cloud Service Providers*