

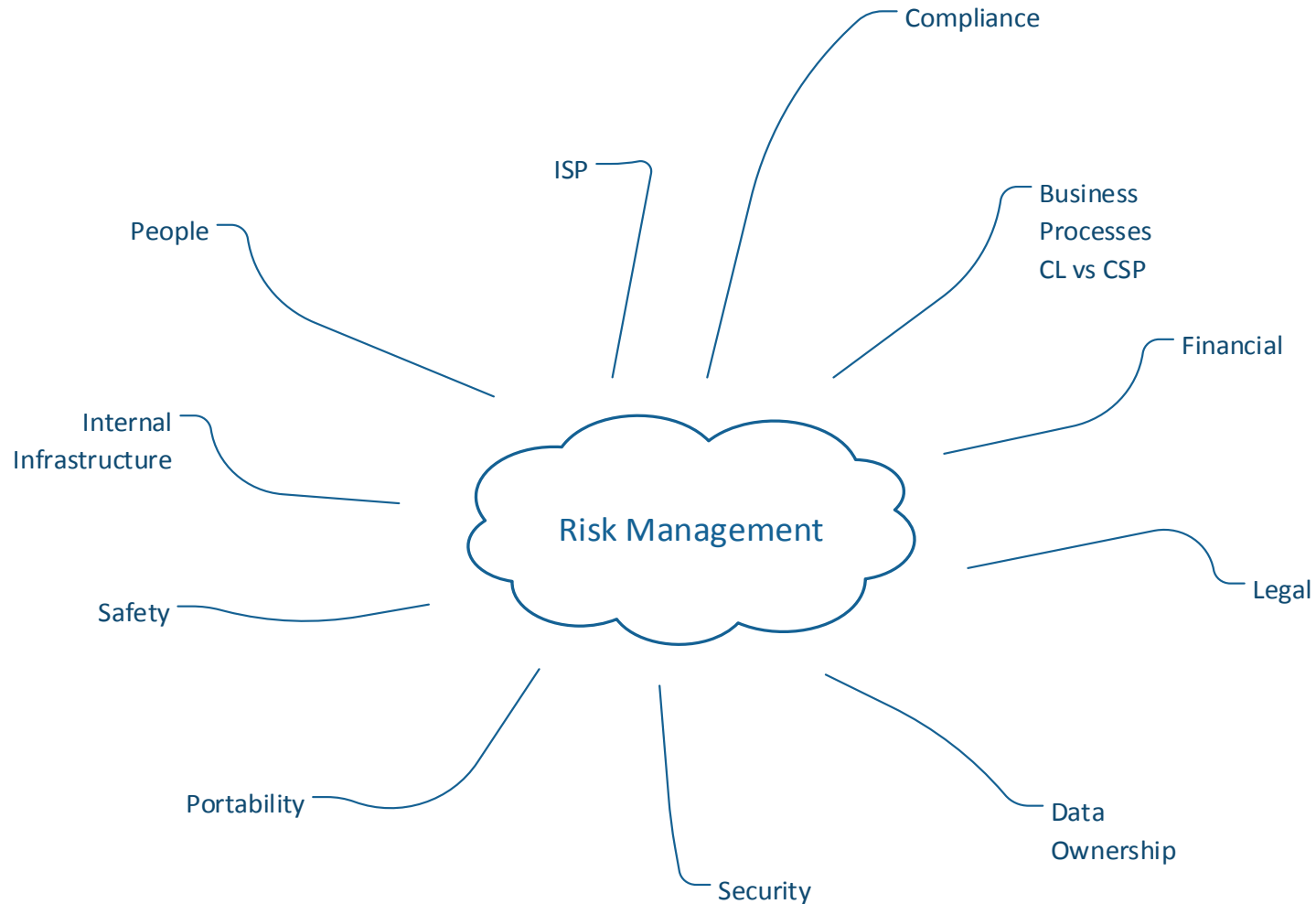
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BELRIM - Cloud risk management

March 2014

Cloud risk management

What is Cloud Risk Management?



Types of risk to consider

Operational Risk	Compliance & Regulatory Risk	Financial Risk	Technology Risk	Strategic Risk
<p>Risk that arises from the potential that inadequate internal controls, operational problems, breaches in internal controls, unforeseen catastrophes or decentralized operations could result in unexpected losses or the inability to maintain a well controlled IT processing environment.</p> <p>Associated with:</p> <ul style="list-style-type: none"> • Business processes • Geographic location • Loss of expertise • Unauthorised activities • Functionality • Support 	<p>Risk arising from the potential that unenforceable contracts, lawsuits or adverse judgments can disrupt or otherwise negatively affect client operations. Adverse consequences from non-compliance with rules and regulations.</p> <p>Associated with:</p> <ul style="list-style-type: none"> • Human resource regulation • Contracts • Privacy laws and regulations • State laws • Data Ownership 	<p>Risk arising from the potential that incomplete, inaccurate, or unauthorized transactions or the loss of data can result in a financial loss for the client.</p> <p>Associated with:</p> <ul style="list-style-type: none"> • Security • Interfaces • Consolidations • Data integrity • Data sensitivity • Data disclosure • Data loss 	<p>Risks arising from the potential that new systems, technologies, inter- and intra-connectivity, changes, and security threats could adversely affect the integrity and confidentiality of client data and transactions, as well as the efficiency, effectiveness and availability of the IT processing environment.</p> <p>Associated with:</p> <ul style="list-style-type: none"> • ISP • Internal infrastructure • People • AAA • Applications • Backup 	<p>Risks arising from the potential for negative publicity linked to a client's business practices, adverse business decisions or lack of responsiveness to changed business conditions that will cause a decline in the customer base, costly litigation or revenue reductions.</p> <p>Associated with:</p> <ul style="list-style-type: none"> • Data disposal • Data portability • Business processes • Exit strategy • Security or internal control breaches

Risk – a matter of perception



VS



Cloud Risk Matrix

DM \ SM		SaaS	PaaS	IaaS
		More control		
Public	Less access	Business		
Hybrid				
Community				
Private				

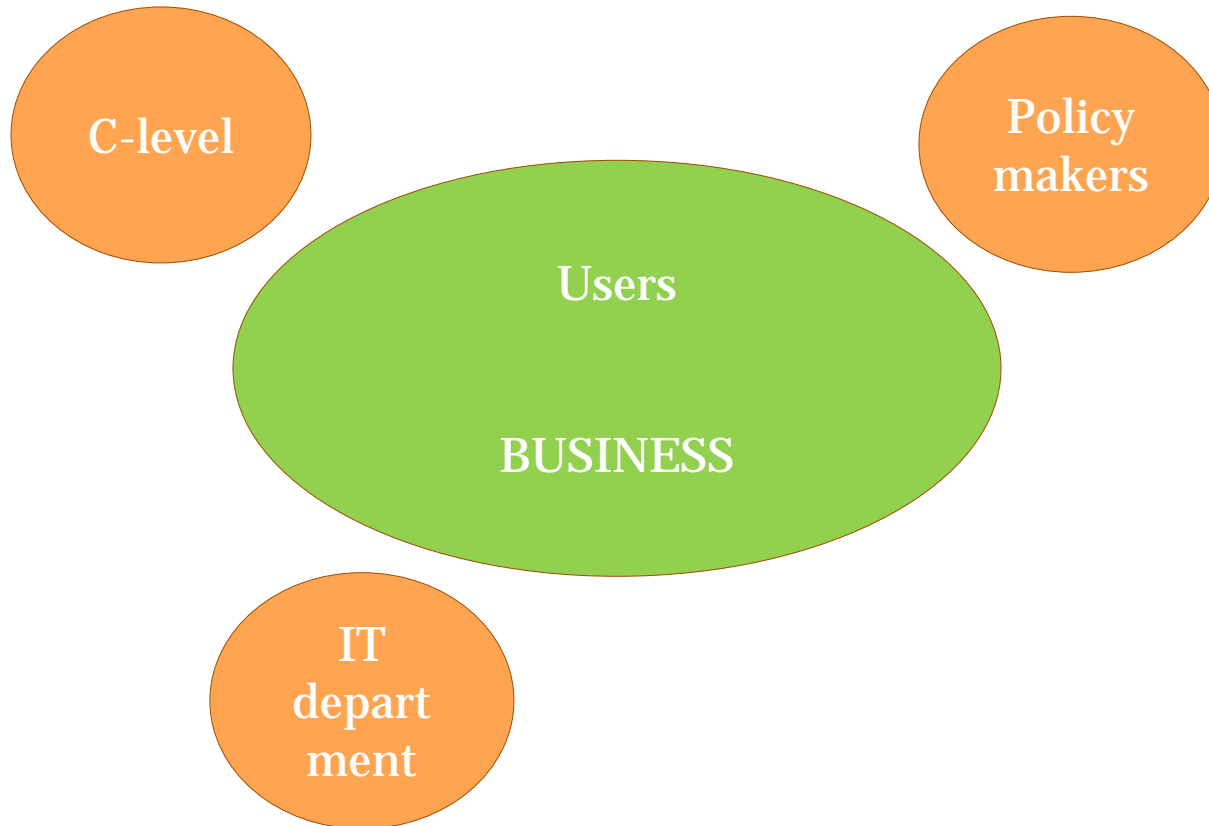
To Cloud or not to Cloud

Why go Cloud?

TOP reasons why businesses go Cloud:

1. Flexibility
2. Quick return on investment
3. Total cost of ownership
4. Built in Business continuity and security
5. Mobile support

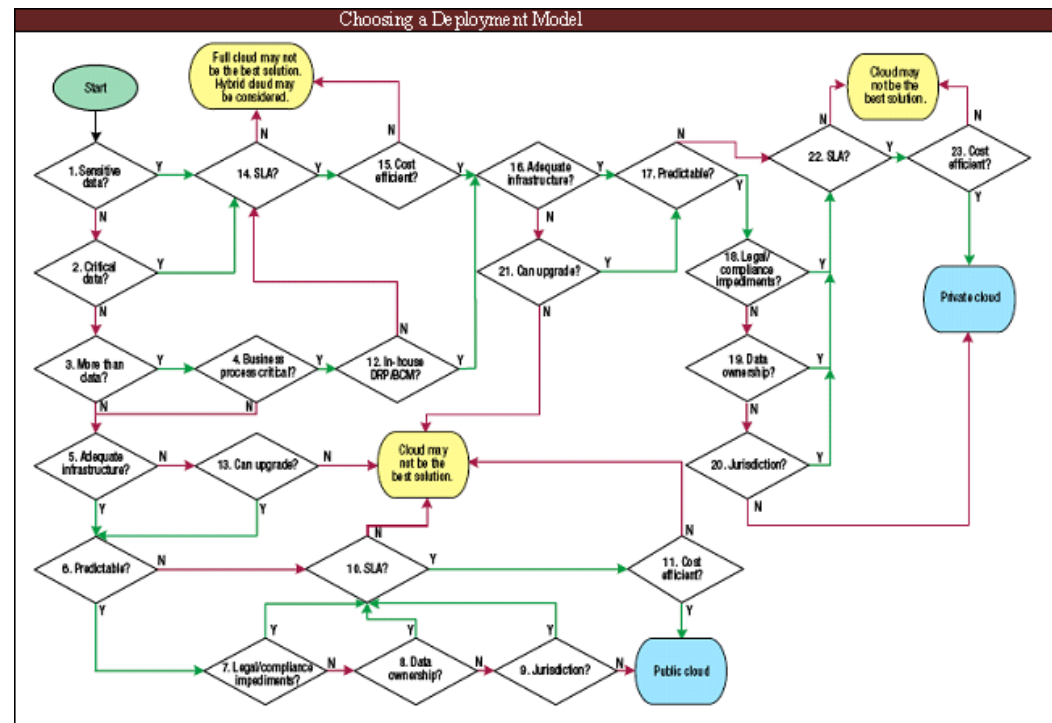
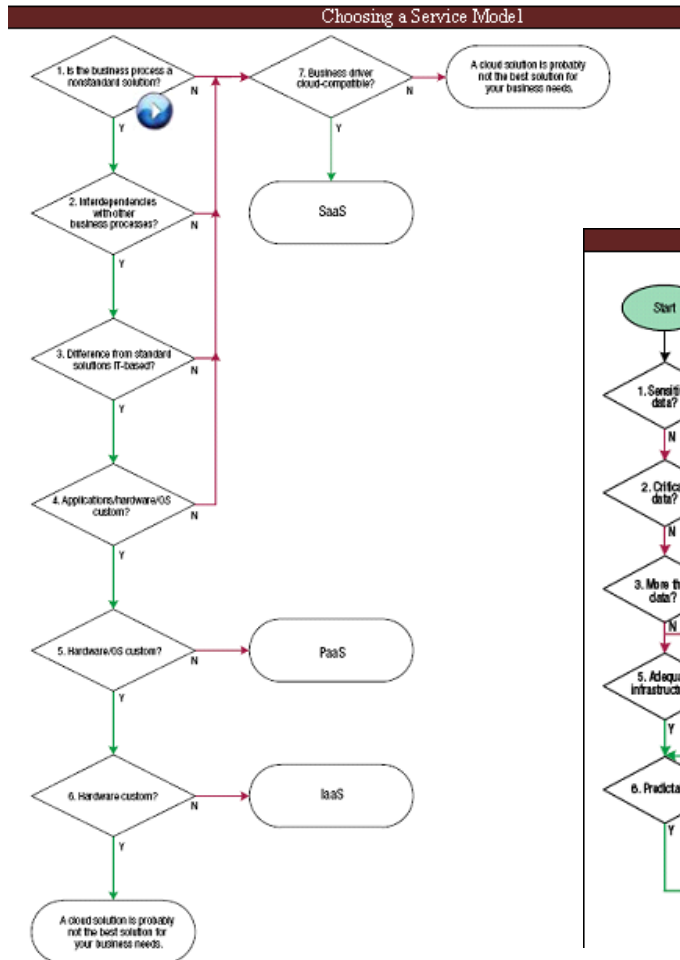
Who decides?



Setting



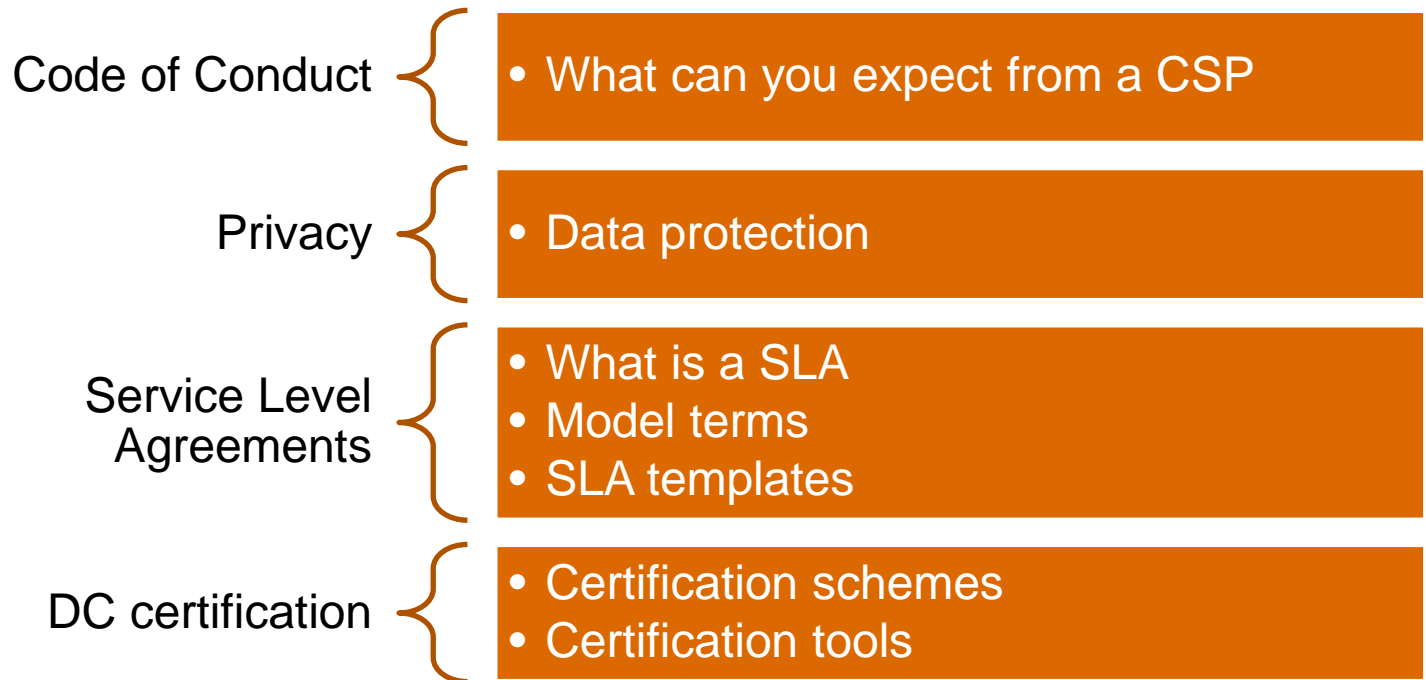
Tools – Decision tree



Cloud initiatives

European Commission

Cloud – Selected Industry Groups



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