







One-Way Hash Functions		
 Any function that can be applied to a set of data that is guaranteed to produce the same output for the same input One-way means that you can't derive the input 	h(abc) = 7859 h(def) = 8693 h'(7859) = ? h(abc) = 7859	
 Often, outputs are <i>unlikely</i> to repeat for different inputs 		
 Forms the basis of much cryptography 		
IBM Blockchain		IBM. 5



















































Business Considerations As a B2B system, blockchain adds a number of aspects that are not typical in other projects: Who pays for the development and operation of the network? Where are the blockchain peers hosted? When and how do new participants join the network? What are the rules of confidentiality in the network? Who is liable for bugs in (for example) shared smart contracts? For private networks, what are the trusted forms of identity? Remember that each business network participants nay have different requirements (e.g. trust) Evaluate the incentives of potential participants to work out a viable business model Mutual benefit → shared cost (e.g. sharing reference information) Asymmetric benefit → money as leveler (e.g. pay for access to KYC)







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Thank you

IBM Blockchain

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www.hyperledger.org

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