

Contents

	Foreword	
	Introduction	
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Abbreviated terms	
5	Document overview	
6	Big data standardization: motivation and objectives	
7	Conceptual foundations	
7.1	General	
7.2	Reference architecture concepts	
7.3	Reference architecture structure	
8	Big data reference architecture elements	
8.1	Overview	
8.2	Stakeholders	
8.3	Concerns	
8.4	Views	
8.4.1	User view	
8.4.2	Functional view	
9	Big data reference architecture application process	
9.1	Overview	
9.2	Identify stakeholders and concerns	
9.3	Map stakeholders and concerns to roles and subroles	
9.4	Develop detailed activity descriptions and map to concerns	
9.5	Define functional components to implement activities	
9.6	Cross walk activities/functional components back to concerns	