

DAFTAR ISI

LEMBAR PENGESAHAN	ii
LEMBAR ORISINALITAS	iii
ABSTRAK	iv
ABSTRACT	v
KATA PENGANTAR	vi
Daftar Isi.....	i
Daftar Gambar.....	vi
Daftar Tabel	viii
Daftar Lampiran	x
Daftar Istilah.....	xi
Bab I Pendahuluan	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah.....	5
I.3 Tujuan Penelitian.....	5
I.4 Batasan Penelitian	5
I.5 Manfaat Penelitian.....	6
Bab II Tinjauan Pustaka	1
II.1 <i>Enterprise Architecture</i>	1
II.2 <i>Enterprise Architecture Framework</i>	1
II.2.1 <i>Zachman Framework</i>	2
II.2.2 <i>Federal Enterprise Architecture Framework (FEAF)</i>	3
II.2.3 <i>Gartner Framework</i>	4
II.2.4 <i>The Open Group Architecture Framework</i>	5
II.3 Sistem Pemerintahan Berbasis Elektronik	7
II.4 Perbandingan Domain EA dengan Domain SPBE.....	8

II.4.1	Penjabaran Masing – Masing Domain	8
II.4.2	<i>Mapping</i> Artefak SPBE & TOGAF	10
II.5	Tugas Pokok dan Fungsi Dinas Bina Marga dan Penataan Ruang	12
II.6	Penelitian Terdahulu.....	14
Bab III	Metodologi Penelitian.....	17
III.1	Pengembangan Model Konseptual	17
III.2	Sistematika Penyelesaian Masalah	18
III.3	Pengumpulan Data	24
III.4	Pengolahan Data atau Pengembangan Produk / Artifak.....	24
III.5	Metode Evaluasi	24
Bab IV	PERSIAPAN DAN IDENTIFIKASI.....	26
IV.1	Analisis Organisasi.....	26
IV.1.1	Visi Misi.....	26
IV.1.2	Core Value	26
IV.1.3	Struktur Organisasi	27
IV.1.4	Rencana Strategis	30
Bab V	ANALISIS & PERANCANGAN	33
V.1	<i>Preliminary Phase</i>	33
V.1.1	<i>Principle Catalog</i>	33
V.2	<i>Architecture Vision</i>	35
V.2.1	<i>Stakeholder Map Matrix</i>	35
V.2.2	<i>Requirement Catalog</i>	46
V.2.3	<i>Value Chain Diagram</i>	47
V.2.4	<i>Solution Concept Diagram</i>	47
V.3	<i>Business Architecture</i>	48
V.3.1	Pengantar <i>Business Architecture</i>	48

V.3.2	Referensi <i>Business Architecture</i>	49
V.3.3	<i>Mapping</i> Proses Bisnis ke Layanan	51
V.3.4	<i>Business Architecture Requirement Catalog</i>	53
V.3.5	<i>Business Footprint Diagram</i>	54
V.3.6	<i>Goal/Objective/Requirment Catalog</i>	55
V.3.7	<i>Business Interaction Matrix</i>	59
V.3.8	<i>Functional Decomposition Diagram</i>	61
V.3.9	<i>Business Service/Function Catalog</i>	61
V.3.10	<i>Organization/Actor Catalog</i>	63
V.3.11	<i>Role Catalog</i>	64
V.3.12	<i>Actor/Role Matrix</i>	65
V.3.13	<i>Process Flow Diagram</i>	68
V.3.14	<i>Gap Analysis Business Architecture</i>	76
V.4	<i>Data Architecture</i>	79
V.4.1	Pengantar <i>Data Architecture</i>	79
V.4.2	Referensi <i>Data Architecture</i>	79
V.4.3	<i>Data Architecture Requirement Catalog</i>	83
V.4.4	<i>Data Entity/Data Component Catalog</i>	83
V.4.5	<i>Data Entity/Business Function Matrix</i>	88
V.4.6	<i>Application/Data Matrix</i>	90
V.4.7	<i>Conceptual Data Diagram</i>	92
V.4.8	<i>Data Dissemination Diagram</i>	94
V.4.9	<i>Gap Analysis Data Arcitecture</i>	95
V.5	<i>Application Architecture</i>	97
V.5.1	Pengantar <i>Application Architecture</i>	97
V.5.2	Referensi <i>Application Architecture</i>	97

V.5.3	<i>Application Architecture Requirement Catalog</i>	98
V.5.4	<i>Application Portfolio Catalog</i>	98
V.5.5	<i>Application Interface Catalog</i>	100
V.5.6	<i>Application/Function Matrix</i>	100
V.5.7	<i>Application/Role Matrix</i>	101
V.5.8	<i>Application/Interaction Matrix</i>	102
V.5.9	<i>Application Communication Diagram</i>	104
V.5.10	<i>Use Case Diagram</i>	104
V.5.11	<i>Gap Analysis Application Architecture</i>	107
V.6	<i>Technology Architecture</i>	109
V.6.1	<i>Pengantar Technology Architecture</i>	109
V.6.2	<i>Referensi Technology Architecture</i>	109
V.6.3	<i>Technology Requirement Catalog</i>	112
V.6.4	<i>Technology Standard Catalog</i>	112
V.6.5	<i>Technology Portfolio Catalog</i>	113
V.6.6	<i>System Technology Matrix</i>	122
V.6.7	<i>Environment and Locations Diagram</i>	123
V.6.8	<i>Platform Decomposition Diagram</i>	125
V.6.9	<i>Gap Analysis Technology Architecture</i>	126
V.7	<i>Analisis Kontribusi Dinas Bina Marga dan Penataan Ruang Provinsi Jawa Barat Terhadap LHE SPBE 2021</i>	127
Bab VI	KESIMPULAN & SARAN	130
VI.1	Kesimpulan	130
VI.2	Saran	130
	Daftar Pustaka	131
	LAMPIRAN	133