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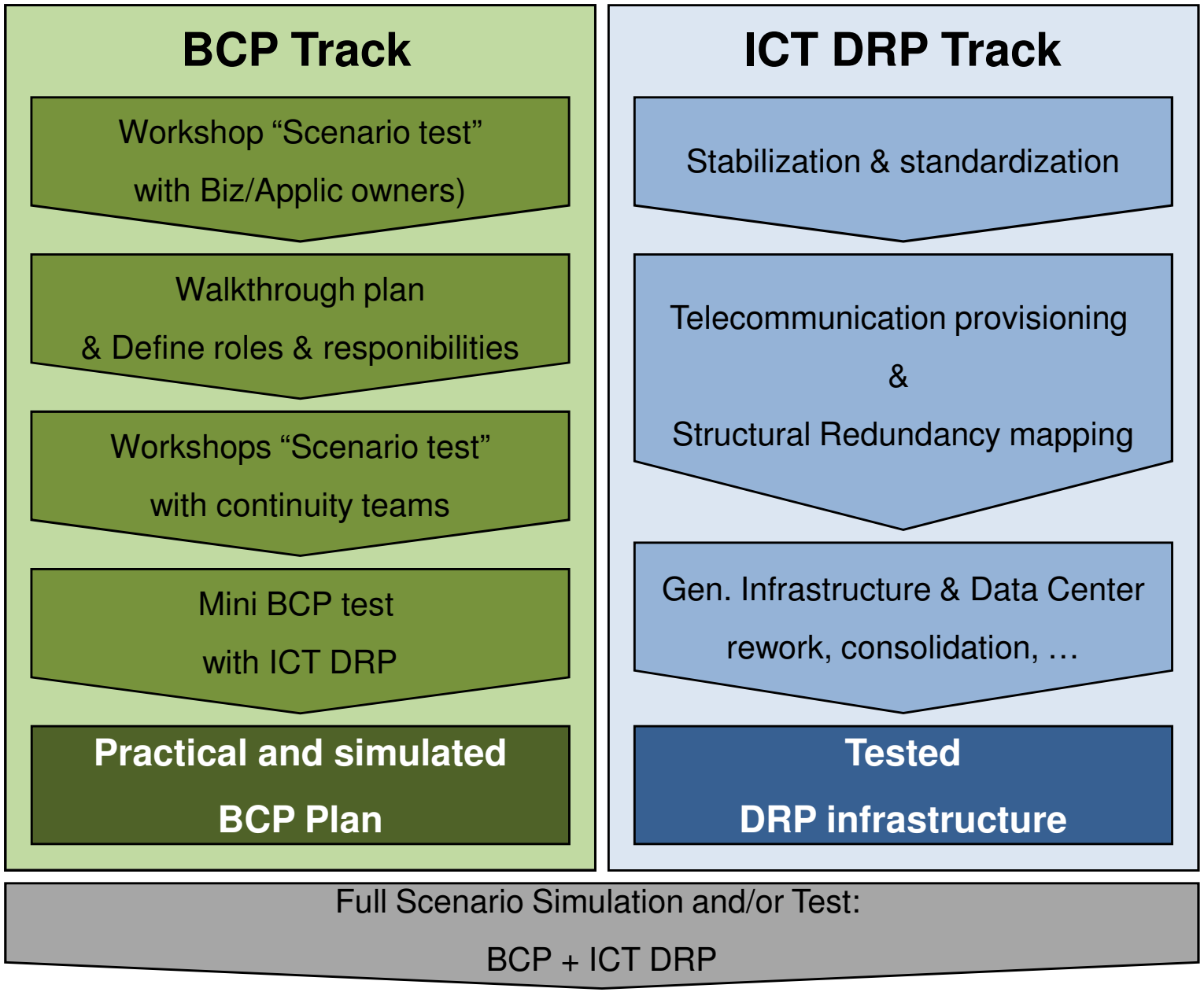
BCP vs. DRP (1)



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BCP vs. DRP (2)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1																								
2	**BUSINESS CONTINUITY PLANNING**						**DISASTER RECOVERY PLANNING**																**©IGMC**	
3																								
4			**Mode**	**RTO**	**RPO**	**Degraded Mode**	**Awareness**	**SrvGroup**									**Running on systems (sequence from 1 to ...)**							
5	**Source**	**Application**		uur	uur	% tolerance		Portal	Intranet	groupw,	file&print	dc/AD/ DHCP/ DNS	DWH	BizTalk /EAI	DMZ	Backup	SRV1	SRV2	SRV3	SRV4	LAN	WAN	Cache	F/W
6	Local	A	srv					1	1				1	1	1									
7	Local	B	srv	4	12		Awarenes :		1				1	1	1									
8	Local	C	srv				Xbit indicator		1				1	1	1									
9	Local	D	srv	0,5	0,13		VmWare,		1				1	1	1									
10	Local	E	cli				Cluster,		1				?	1										
11	DC2	A	srv				Act-Act																	
12	DC2	B	srv				Act-Pass																	
13	DC2	C	srv																					
14	DC2	F	srv																					
15	DC2	G	srv	48	120																			
16	Remote	H	srv						1				?	1										
17	Remote	I	srv										?	?					2					3
18	Remote	J	cli	8					1					1	1									
19	Remote	K	cli																					
20	Remote	L	srv					1																
21	Outsourced	XP updates	cli															1						
22	Outsourced	MS Word	cli																					
23	Outsourced	MS Templates	cli																					
24	Biz Partner	M	cli																					
25	Biz Partner	N	srv																					
26	Biz Partner	O	srv																					
27																								
28																								
29																								
30																								MIN(2,4)
31																								

From the BCP's outcome, the RTO's per **business** application are mapped to all infrastructure devices.

This shows maximum downtime for each device and provides the foundation for the **technical** DRP solution

Business Requirements & Risks vs. Solutions

- Business vs. Technical requirements
- Risk Appetite determines Inherent & Residual risk : Rr = Ri – Ra
- Rr & the corresponding Budget determines the solution mix :

Prevent / avoid	-> Solution A
Mitigate / ameliorate	-> Solution B
Restore / recover	-> Solution C

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Technical Scenario's vs. Solutions

- Dual datacenter A-A
- Dual datacenter A-P ➢ DC2 @ Supplier
- Dual nodes A-A
- Dual nodes A-P ➢ N2 @ Supplier
- Fall Back Site SRV ➢ DRS
- Fall Back Site Data ➢ RJO & Incremental B.Up

A = active
P= passive
SRV = server
N = node
DC = datacenter
RJO = remote journalling

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Granular vs. Overall Approach

- Detailed matrix bcp/drp
- Per application
- Only stricly needed applications

- Focus on standardization & integration
- Manageability
- Cultural change
- Evident when telecom infra already present

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Granular vs. Overall Pitfalls

- Cooperation of systems/apps
- Partial & degraded operations
- Application =/= data
- Relation between RTO & RPO + infra investment
- Connectivity

- Investment high except when integrated w/
  - performance boost
  - D2D support
  - 2x ½ cost per site
- Virtualisation brings complexity (SRV, SAN, Network, DMZ, etc…)