

The following tables report the overhead evaluation results of the travel agency process (a), the car estimation process (b), the loan approval process(c), and the smart shelf process (d), respectively. The "*Process Variant*" column lists out a set of process variants; The "*BPEL (ms)*" columns show the deployment and execution time in *ms* of the current process variant implemented by BPEL; The "*VxBPEL (ms)*" columns show the deployment and execution time in *ms* of the current process variant implemented by VxBPEL; The "*Variant Switching*" column shows the switching time of the current process variant implemented by VxBPEL; The "*Number of Web Services*" column shows the number of Web services invoked by the current process variant.

(a) Travel Agency Process						
Process Variant	Deployment (ms)		Execution (ms)		Variant Switching (ms)	Number of Services
	BPEL	VxBPEL	BPEL	VxBPEL		
PlanA	169	295	520	518	97	4
PlanB	174		524	534	101	4
T1	172		527	533	99	4
T2	170		519	529	93	4

(b) Car Estimation Process						
Process Variant	Deployment (ms)		Execution (ms)		Variant Switching (ms)	Number of Services
	BPEL	VxBPEL	BPEL	VxBPEL		
Comprehensive	170	321	534	541	110	5
Simple	93		205	210	61	2
Expert	183		558	557	117	5
T1	179		540	551	112	5

(c) Loan Approval Process						
Process Variant	Deployment (ms)		Execution (ms)		Variant Switching (ms)	Number of Services
	BPEL	VxBPEL	BPEL	VxBPEL		
unenc_noAss	47	178	320	323	97	1
unenc_Ass	98		389	393	94	2
enc_noAss	95		394	397	94	2
enc_Ass	107		420	421	95	3

(d) Smart Shelf Process						
Process Variant	Deployment (ms)		Execution (ms)		Variant Switching (ms)	Number of Services
	BPEL	VxBPEL	BPEL	VxBPEL		
default	293	497	937	936	181	9
staff	291		932	929	180	9
insufficient	301		952	946	184	10
location	307		965	966	186	10
T1	300		943	949	181	10
T2	305		940	950	186	10
T3	301		951	955	182	10
T4	303		965	968	185	10
T5	295		931	926	182	9
T6	291		929	930	183	9
T7	293		936	942	180	9
T8	311		980	983	188	12
T9	308		968	973	186	12
T10	309		990	981	186	12
T11	310		984	982	189	12
T12	309		981	978	184	12
T13	299		942	951	183	10
T14	302		957	958	184	10
T15	299		953	946	179	10
T16	301		956	959	187	10
T17	311		980	982	190	12
T18	310		983	979	189	12
T19	321		989	996	192	12
T20	309		987	980	187	12
T21	314		979	987	191	12