

DeSyRe on-Demand System Reliability

Design of the DeSyRe Runtime System Optimizations, Middleware, and Software Implemented Fault-tolerance

CONTRACT NR 287611

TYPE OF DOCUMENT Deliverable D4.2

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ABSTRACT This document describes the design of the DeSyRe

mechanisms at the Runtime and Middleware logical layers, as well as at the software-implemented fault-

tolerance mechanisms.

WORKPACKAGE WP4 CONFIDENTIAL Yes

DOCUMENT HISTORY

Release	Date	Comments	Status	Distribution
v0.1	25-06-2013	Creation	Draft	WP4 partners
v0.2	28-06-2013	Editing by Christos Bouganis	Draft	WP4 partners
v0.3	30-06-2013	Adding text for checkpointing and NoC reconfiguration	Draft	WP4 partners
		Modifications according to the		
v0.4	03-07-2013	internal review comments	Draft	WP4 partners
v0.5	04-07-2013	Rewriting section 2	Draft	WP4 partners
		Reviewing Section 2 and		
v0.6	04-07-2013	Making updates in Section 4	Draft	WP4 Partners
v0.7	5-07-2013	Modifications in Section 2	Draft	WP4 partners
v0.8	15-07-2013	Fault analyzer part added	Draft	WP4 partners
v0.9	16-07-2013	Final modifications	Draft	WP4 partners
v1.0	17-07-2013	Finalizing the deliverable	Final	WP4 partners

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Dissemination Level: Confidential Page 1 of 36