V1 result of the analysis of available solutions

KPB1 – Design of the virtualization solution; type – documentation; month of delivery – M3

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UNIVERSITY OF ŽILINA Faculty of Management Science and Informatics
BRAIN:IT

		Openstack		CloudStack		Proxmox VE		Kubernetes	
Criterion (Kx)	**Weight**	**Rating**	**Total points**	**Rating**	**Total points**	**Rating**	**Total points**	**Rating**	**Total points**
K1: Support for IaaS functionality	5	5	25	4,5	22,5	3	15	1	5
K2: Modularity and architecture	4	4,5	18	3	12	1	4	5	20
K3: Orchestration and automation	3	5	15	4	12	3	9	5	15
K4: Performance and scalability	5	5	25	5	25	3	15	5	25
K5: Reliability and stability	4	5	20	5	20	4,5	18	5	20
K6: Standards and interoperability	4	5	20	3,5	14	3	12	4,5	18
K7: Complexity of deployment and administra	3	1	3	4	12	5	15	1	3
K8: Documentation and community	4	5	20	3,5	14	4	16	5	20
K9: Authentication and access	5	5	25	4	20	4	20	5	25
K10: Tenant isolation and data protection	5	5	25	5	25	1,5	7,5	4,5	22,5
K11: Network/monitoring integration	3	4,5	13,5	3,5	10,5	3,5	10,5	5	15
Total			209,5		187		142		188,5