

Third Network Foundations (MEF-TNF): Certification Examination Blueprint v.1.0

4/20/2017

Section/Objective		Items Per Form	Item Percentages
1	SDN	13	24.53%
1.01	Explain the different definitions of SDN today	1	1.89%
1.02	Explain the key characteristics of an SDN solution	2	3.77%
1.03	Compare the different characteristics of an SDN solution to those of its network predecessor	2	3.77%
1.04	Explain the major benefits of an SDN solution	2	3.77%
1.05	Explain the major challenges presented by the move to an SDN network	2	3.77%
1.06	Given a scenario, explain how SDN would be implemented to leverage its benefits	2	3.77%
1.07	Explain how the various SDN technologies (e.g., protocols, APIs, controllers, switches) relate to each other	2	3.77%
2	NFV	13	24.53%
2.01	Explain the key definitions of NFV today	1	1.89%
2.02	Explain the key characteristics of an NFV solution	2	3.77%
2.03	Compare the different characteristics of an NFV solution to those of its network predecessor	2	3.77%
2.04	Explain the major benefits of an NFV solution	2	3.77%
2.05	Explain the major challenges presented by the move to an NFV solution	2	3.77%
2.06	Given a scenario, explain how NFV would be applied to leverage its benefits	2	3.77%
2.07	Explain how the various NFV technologies (e.g., virtualization, tools, architecture) relate to each other	2	3.77%
3	LSO/Orchestration	9	16.98%
3.01	Explain the key definitions of LSO/orchestration today	1	1.89%
3.02	Explain the key characteristics of an orchestrated solution	1	1.89%
3.03	Explain the major benefits of an orchestrated solution	1	1.89%
3.04	Explain the major challenges presented by the move to an orchestrated solution	2	3.77%
3.05	Given a scenario, explain how LSO/orchestration would be implemented to leverage its benefits	2	3.77%
3.06	Explain how the various LSO/orchestration technologies (e.g., Tosca, YANG, PNDA, information models, tools) relate to each other	2	3.77%
4	Carrier-based connectivity services (L1, L2, L3)	10	18.87%
4.01	Explain the major building blocks of carrier-based connectivity services	1	1.89%
4.02	Explain the roles of the organizations/actors involved in buying and selling carrier-based connectivity services	1	1.89%
4.03	Compare the different characteristics of a carrier-based connectivity solution to those of its predecessor	2	3.77%
4.04	Explain the major benefits of a carrier-based connectivity services solution	2	3.77%
4.05	Explain the major challenges presented in deploying a carrier-based connectivity solution	2	3.77%
4.06	Given a scenario, explain how a carrier-based connectivity solution would be implemented to leverage its benefits	2	3.77%
5	The Third Network Vision	8	15.09%
5.01	Explain the key characteristics (i.e., agile, assured, and orchestrated) of the Third Network	1	1.89%
5.02	Explain the predecessors to the Third Network (i.e., the Internet, Carrier Ethernet 2.0)	1	1.89%
5.03	Explain the major benefits promised by a Third Network connectivity/functional service	2	3.77%
5.04	Explain the major challenges in deploying a Third Network connectivity/functional service	2	3.77%
5.05	Given a scenario, explain how combinations of SDN, NFV, and LSO/orchestration are leveraged to form Third Network connectivity/functional solutions	2	3.77%
TOTAL		53	100.00%

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