

Blueprint: MEF-NF Network Foundations Certification Exam

Exam Blueprints

Examinations are constructed using an examination blueprint — a widely accepted tool used within professions to design examinations. The blueprint, also referred to as the test specifications, identifies the content areas covered on the examination. For each content area, the blueprint outlines the weighting of the area, the topics, levels of competence, and learning objectives and competencies examined. The blueprint also provides information on the proportion of each question type presented in the examination (for example, multiple-choice, short-answer).

Students should use the examination blueprint to prepare for the examination. The blueprint may not include all topics listed in the course materials; however, students are responsible for acquiring a broad-based knowledge of all topics, including those not listed in the blueprint, since their understanding of these topics will be tested in assignment and self-test questions. The topics not listed in the blueprint will also provide a greater depth of understanding of the course.

The MEF-NF exam is regularly updated to ensure that MEF-NF certification tracks current standards. Below is a list of MEF-NF exam blueprints and the current status of each.

Blueprint	Status	Start Date	End Date	Note
MEF Network Foundations Exam Certification Blueprint	CURRENT	July 2017	November 2017	Current blueprint for study

Status

CURRENT

Source(s) and Reference(s)

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Links to references in the Exam Blueprint

- Linux Foundation website: <https://www.linuxfoundation.org/>
- Open Networking Foundation: <https://www.opennetworking.org/sdn-definition/>
- Wikipedia references on SDN architecture https://en.wikipedia.org/wiki/Software-defined_networking
- <https://blog.ecitele.com/do-you-need-an-sdn-controller-when-you-already-have-an-nms>
- Software Defined Networks, 2nd Edition, Goranson & Black RFC 6241, Section 5.1
- Wikipedia references on SDN architecture https://en.wikipedia.org/wiki/Software-defined_networking
- TechTarget <http://searchsdn.techtarget.com/tip/REST-APIs-in-SDN-An-introduction-for-network-engineer>
- Microsoft Hardware Development Center <https://docs.microsoft.com/en-us/windows-hardware/drivers/network/network-virtualization-using-generic-routing-encapsulation--nvgre--task-offload>
- Show IP Protocols <http://showipprotocols.blogspot.com/2014/06/northbound-southbound-and-eastwestbound.htm>
- Software Defined Networks, 2nd Edition, Goranson & Black Page 43
- Federal Communications Commission <https://transition.fcc.gov/Reports/tcom1996.pdf>
- SDxCentral <https://www.sdxcentral.com/nfv/definitions/nfv-mano/>
- Network Functions Virtualization, Ken Gray and Thomas Nadeau Page 4
- Foundations of Modern Networking, Chapter 7, William Stallings, pages 177-178, Stallings Page 189
- Network Functions Virtualization, Ken Gray and Thomas Nadeau Pages 22-24
- Understanding OPNFV, Amar Kapadia & Nicholas Chase pages 17-24,
- Foundations of Modern Networking, Chapter 7.4 NFV benefits, page 191
- Network Functions Virtualization, Ken Gray and Thomas Nadeau, "Proof of Concepts Framework", Page 7
- Foundations of Modern Networking, William Stallings, page 199
- Virtualized Software Defined Networks and services, "Integrating SDN & NFV in Future Networks", p. 169
- Understanding OPNFV pages 25, page 27
- NFV White Paper volume 3, pages 13 – 20
- Network Functions Virtualization, Ken Gray and Thomas Nadeau, chapter 3, page 67
- Understanding OPNFV, pages 80, 95, 107
- ETSI NFV Architecture document, Chapter 8
- Understanding OPNFV, pages 119 – 120
- ETSI Use Case document, pages 10, 15, 21, 36
- Foundations of Modern Networking, page 180
- NFV White Paper volume 3, pages 5 – 20
- Understanding OPNFV, "NFV Architecture", page 23
- Virtualized Software Defined Networks and Services, Duan & Toy, page 289
- MEF Third Network LSO Vision, pages 7 - 18
- MEF Third Network White Paper: An Industry Initiative for Third Generation Network and Services, pages 8 - 18
- Gruntwork blog, "Why we use Terraform and not Chef, Puppet, Ansible, SaltStack, or CloudFormation"
- MEF 55
- MEF Third Network LSO Vision, pages 12
- MEF Third Network White Paper: An Industry Initiative for Third Generation Network and Services, page 6
- OASIS (Open Standards, Open Source) Topology and Orchestration Specification for Cloud Applications (TOSCA) TC
- MEF 10.3 & MEF10.3 Section 7
- MEF 26.2
- MEF 6.2
- MEF 51
- Introduction to Carrier Ethernet: A foundation for MEF-CECP training (2nd edition), Jon Kieffer, page 10
- Introduction to Carrier Ethernet: A foundation for MEF-CECP training (2nd edition), Jon Kieffer, page 7
- MEF CE 2.0 Service Management Life Cycle White Paper,
- MEF 53
- MEF Third Network Service
- MEF Third Network White Paper: An Industry Initiative for Third Generation Network and Services, page 9
- MEF 55, page 1
- SD WAN for dummies, Wiley & Sons, page 15
- MEF Third Network White Paper: An Industry Initiative for Third Generation Network and Services, pages 3, 11, 20
- SD WAN for dummies, Wiley & Sons, page 24
- SD WAN for dummies, Wiley & Sons, "Security Parameters", page 11
- Telecom Ramblings, "Arguing for Third Network"
- MEF "Understanding SD-WAN Managed Services" white paper, page 5 - 9