HCIA-5G-Core V1.0 Exam Outline

HCIA-5G-Core V1.0 Certification Exam

Certification	Exam Code	Exam Name	Language	Exam Cost	Exam Duration	Pass/Total Score
HCIA-5G-Core	H35-650	HCIA-5G-Core V1.0	ENU/CHS	200 USD	90 mins	600/1000

Exam Content

HCIA-5G-Core V1.0 Certification includes 5G core network evolution and key technologies, 5G NSA core network principles, 5G SA core network principles, NFVI and MANO basics, Huawei 5G SA core network product solutions and routine maintenance operations. The involved products include HUAWEI UNC/UDG/UDM/UPCF/U2020.

Key Points

Key points	Proportion
5G Core Network Evolution and Key Technology	30%
5G Basic Principle	40%
NFV Solution and O&M Solution	10%
5G SA Core Network Product Routine Operation and Maintenance	20%

5G Core Network Evolution and Key Technology

1. Definition, Vision, and Standardization of 5G
2. 5GC Network Deployment and Evolution Solutions
3. 5G Network Slicing
4. 5G MEC
5. Vo5G

5G Basic Principle

1. 5G NSA Core Network Principle
2. 5G Service-based Architecture
3. 5G Network Functions and Interface Protocols
4. 5G Mobility Management Basic Concepts
5. 5G Security Mechanism
6. 5G Session Management Basic Concepts
7. 5G QoS Mechanism

8. 5G Register Procedure, Session establishment Procedure, 4/5G Interoperation Procedure

NFV Solution and O&M Solution

1. NFV Development Trend, Solutions and MANO Architecture
2. Computing, Storage, and Network Virtualization Technologies
3. OpenStack Basic Principles, Container and Microservices
4. NFV O&M solution, large/small closed-loop and automatic O&M

5G SA Core Network Product Routine Operation and Maintenance

1. Basic knowledge of HUAWEI UNC (AMF/SMF/NSSF/NRF) routine maintenance
2. Basic knowledge about HUAWEI UDG (UPF) routine maintenance
3. Basic knowledge about HUAWEI UDM (UDM) routine maintenance
4. Basic knowledge about HUAWEI UPCF (PCF) routine maintenance

Note:

The exam content provided here serves only as a general guide to participants. Other contents not mentioned here may also be included in the actual exam.

References

3GPP TS23.501/TS23.502

HUAWEI 5G Core/UNC/UDG/UDM/UPCF product manuals

Recommended Training Program

Training Program	Level	Duration
HCIA-5G-Core Training	II	5 days

*Product & Solution Training	Level	Duration
5G Core Network Evolution and Key Technology Training	II	2 days
5G NSA Core Network Principle & Product O&M Basic Training	I	2 days
5G SA Core Network Principle Training	II	2 days
NFV Network Evolution and Key Technology Training	II	2 days
5G SA Core Network Product O&M Basic Training	I	3 days

*Note: The product and solution training program can cover certification training. Those who have attended the relevant product and solution training program can attend the Recommended Training Program at their discretion.

The content of the HCIA-5G-Core Training is the same as that of the Intermediate Training on 5G SA Core Network. For details about the Intermediate Training on 5G SA Core Network, see the 5G Training Catalog.