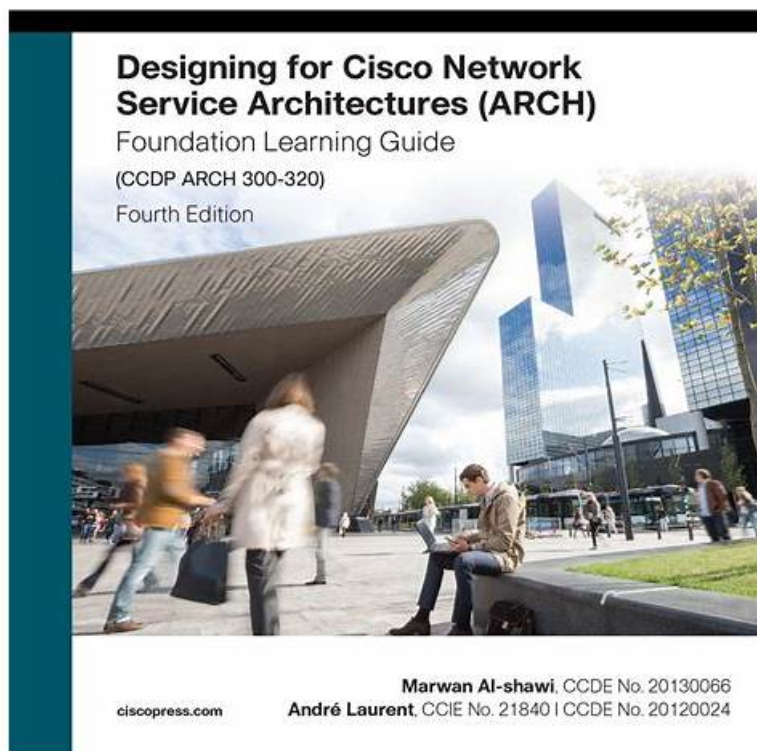


300-540 Schulungsangebot, 300-540 Testing Engine, Designing and Implementing Cisco Service Provider Cloud Network Infrastructure Trainingsunterlagen



Wir Zertpruefung sind die professionellen Anbieter der Schulungsunterlagen zur Cisco 300-540 Zertifizierungsprüfung. Seit langem betrachten wir Zertpruefung das Angebot der besten Prüfungsunterlagen zur Cisco 300-540 Zertifizierungsprüfung als unser Ziel. Verglichen zu anderen Webseiten, wir Zertpruefung sind immer von anderen vertraut. Warum? Weil wir Zertpruefung vieljährige Erfahrungen haben, aufmerksam auf die IT-Zertifizierung-Studie machen und viele Prüfungsregeln sammeln. Damit können wir Zertpruefung sehr hohe Hit-Rate haben. Das gewährleistet die Durchlauftrate.

Cisco 300-540 Prüfungsplan:

Thema	Einzelheiten
Thema 1	Security: This section of the exam measures the skills of Network Security Engineers and covers the implementation of infrastructure-level protection in cloud and NFVI ecosystems. It includes topics such as ACLs, uRPF, RTBH, router hardening, BGP flowspec, TACACS, and MACSEC. Candidates should understand DoS mitigation methods and apply security practices within NFVI, focusing on API protection, securing the control and management plane, and segmentation strategies in service provider cloud environments. The domain also evaluates basic knowledge of TLS, mTLS, and general cloud security solutions related to DNS protection, zero-day defenses, and malware detection.

Thema 2	• High Availability: This section of the exam measures the skills of Cloud Infrastructure Architects and covers the design and implementation of redundancy and resiliency mechanisms in virtualized network functions and distributed cloud platforms. It includes data plane redundancy for VNFs, high availability within a single VIM control plane, and resilient compute, vNIC, and top-of-rack switching. The exam requires an understanding of multi-homing, EVLAG configurations, virtual private cloud deployment, and ECMP strategies for NFVI integrations with physical routing protocols such as BGP, OSPF, and IS-IS. Candidates must also recommend suitable high-availability models involving DNS, routing, and load balancing.
Thema 3	• Service Assurance and Optimization: This section of the exam measures the skills of Cloud Operations Engineers and covers assurance mechanisms used to maintain performance, stability, and visibility across NFVI environments. It includes network assurance concepts such as MANO frameworks, VNF workload monitoring, VIM control plane KPIs, and streaming telemetry with gRPC and gNMI. Candidates must understand cloud infrastructure performance monitoring tools, including SR-PM, NetFlow, IPFIX, syslog, SNMP traps, RMON, cloud agents, and automated fault management systems. The domain also touches on diagnosing NFVI-related errors and optimizing VNFs using techniques such as SR-IOV and software-accelerated virtual switching technologies like DPDK and VPP.
Thema 4	• Virtualized Architecture: This section of the exam measures the skills of Cloud Network Engineers and covers the foundational concepts of virtualized infrastructures used in modern service provider and cloud environments. Candidates are expected to understand constraints in IaaS designs, determine appropriate cloud service models, and demonstrate awareness of container orchestration compared to traditional virtual machines. The exam also evaluates the ability to implement key virtualization functions such as NFV, VNF, NSO, and virtualized Cisco platforms. Learners must be able to deploy NFV with automation tools, manage VNF onboarding, work with NSO-driven orchestration, and use protocols like NETCONF, RESTCONF, REST APIs, and gNMI within automated cloud ecosystems. A general understanding of supporting platforms such as OpenStack also forms part of the required knowledge in this domain.
Thema 5	• Cloud Interconnect: This section of the exam measures the skills of Service Provider Network Engineers and covers how large networks interconnect with cloud platforms and carrier-neutral facilities. Candidates are expected to understand various connectivity options to cloud providers, customer sites, and other neutral facilities, as well as evaluate WAN connectivity models such as direct connect, MPLS or segment routing, and IPsec VPN links. The domain also includes the ability to troubleshoot advanced data center interconnect solutions, including EVPN VXLAN, EVPN over SR • MPLS, ACI-based connectivity, and pseudowire architectures supporting cloud-to-cloud and cloud-to-edge communication.

>> 300-540 Fragenkatalog <<

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Jedem, der die Prüfungsunterlagen und Software zu Cisco 300-540 Dumps (Designing and Implementing Cisco Service Provider Cloud Network Infrastructure) von Zertpruefung nutzt und die IT 300-540 Zertifizierungsprüfungen nicht beim ersten Mal erfolgreich besteht, versprechen wir, die Kosten für das Prüfungsmaterial 100% zu erstatten.

Cisco Designing and Implementing Cisco Service Provider Cloud Network Infrastructure 300-540 Prüfungsfragen mit Lösungen (Q177-Q182):

177. Frage

Which of the following best describes the relationship between OpenStack and NFV?

- A. NFV is a component of OpenStack.
- B. OpenStack and NFV cannot be used together.
- C. NFV can be deployed on top of OpenStack to virtualize network functions.
- D. OpenStack provides the physical infrastructure for NFV.

Antwort: C

178. Frage

BGP multi-path is used in ECMP to enable _____ routing paths for traffic.

- A. dual
- B. no
- **C. multiple**
- D. single

Antwort: C

179. Frage

The main advantage of using NetFlow/IPFIX in network monitoring is:

- A. Reducing encryption standards
- B. Decreasing network performance
- **C. Providing detailed traffic patterns**
- D. Manual log analysis

Antwort: C

180. Frage

Which of the following are connectivity options to cloud providers from carrier-neutral facilities?

- **A. Dedicated leased lines**
- B. Public internet
- C. Dial-up access
- **D. Direct connect**

Antwort: A,D

181. Frage

Network segmentation in a service provider cloud environment is important for:

- A. Centralizing all resources
- **B. Isolating resources and reducing attack surfaces**
- C. Decreasing performance
- D. Increasing complexity

Antwort: B

182. Frage

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Unser Zertprüfung ist international ganz berühmt. Die Anwendbarkeit von den Schulungsunterlagen ist sehr groß. Sie werden von den IT-Experten nach ihren Kenntnissen und Erfahrungen bearbeitet. Die Feedbacks von den Kandidaten haben sich gezeigt, dass unsere Prüfungen eher von guter Qualität sind. Wenn Sie einer der IT-Kandidaten sind, sollen Sie die Schulungsunterlagen zur Cisco 300-540 Zertifizierungsprüfung von Zertprüfung ohne Zweifel wählen.

300-540 Lernhilfe: https://www.zertpruefung.de/300-540_exam.html

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