

# 300-540 Fragenkatalog, 300-540 Prüfungsinformationen



Außerdem sind jetzt einige Teile dieser ITZert 300-540 Prüfungsfragen kostenlos erhältlich: <https://drive.google.com/open?id=1gi1A1kgJ6ec0BzZytJchmNiknD9RLS9S>

Die Produkte von ITZert werden von den erfahrungsreichen IT-Fachleuten nach ihren Kenntnissen und Erfahrungen bearbeitet. Wenn Sie sich an der Cisco 300-540 Zertifizierungsprüfung beteiligen wollen, wählen Sie doch ITZert. ITZert bietet Ihnen umfassende Prüfungsmaterialien von guter Qualität, so dass Sie sich besser auf die fachliche Cisco 300-540 Prüfung vorbereiten und das 300-540 Zertifikat erhalten.

Haben Sie Cisco 300-540 Dumps von ITZert benutzt? Diese Dumps beinhalten die aktualisierten Prüfungsfragen, die auch alle mögliche Prüfungsfragen in der aktuellen Prüfung vorhanden sind. Es kann Ihnen garantieren, nur einmal die Cisco 300-540 Prüfung zu bestehen. Diese Dumps kann Ihnen helfen, unglaubliche Ergebnisse zu bekommen. Wenn Sie in der Cisco 300-540 Prüfung durchgefallen sind, geben wir Ihnen voll Geld zurück. Deshalb müssen Sie sorglos diese Dumps benutzen. Sie können den Erfolg erreichen, wenn Sie die Prüfungsunterlagen von ITZert benutzen.

>> 300-540 Fragenkatalog <<

## 300-540 Prüfungsinformationen & 300-540 Pruefungssimulationen

Das IT-Expertenteam von ITZert haben eine kurzfristige Schulungsmethode nach ihren Kenntnissen und Erfahrungen bearbeitet. Diese Dumps könne Ihnen effektiv helfen, in kurzer Zeit den erwarteten Effekt zu erzielen, besonders für diejenigen, die arbeiten und zuleich lernen. ITZert kann Ihnen viel Zeit und Energir ersparen. Wählen Sie ITZert und Sie werden Ihre wünschten Schulungsmaterialien zur Cisco 300-540 Zertifizierungsprüfung bekommen.

### Cisco 300-540 Prüfungsplan:

Thema	Einzelheiten
Thema 1	<ul style="list-style-type: none"><li>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.</li></ul>

Thema 2	<ul style="list-style-type: none"> <li>• <b>Cloud Interconnect:</b> 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</li> <li>• MPLS, ACI-based connectivity, and pseudowire architectures supporting cloud-to-cloud and cloud-to-edge communication.</li> </ul>
Thema 3	<ul style="list-style-type: none"> <li>• <b>High Availability:</b> 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.</li> </ul>
Thema 4	<ul style="list-style-type: none"> <li>• <b>Virtualized Architecture:</b> 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.</li> </ul>
Thema 5	<ul style="list-style-type: none"> <li>• <b>Service Assurance and Optimization:</b> 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.</li> </ul>

## Cisco Designing and Implementing Cisco Service Provider Cloud Network Infrastructure 300-540 Prüfungsfragen mit Lösungen (Q34-Q39):

### 34. Frage

Troubleshooting an EVPN VXLAN issue, a network engineer should look into:

- **A. The underlay network configuration**
- B. The type of physical cables used
- C. The encryption algorithms used
- D. The number of users on the network

**Antwort: A**

### 35. Frage

Which protocol is primarily used for collecting and exporting network traffic information?

- A. SNMP
- **B. NetFlow**
- C. gRPC

- D. RMON

**Antwort: B**

### 36. Frage

Which cloud provider connection permits BGP peering?

- A. AWS Direct Connect
- B. Azure S2S VPN
- C. Azure Bastion
- D. AWS-managed VPN

**Antwort: A**

Begründung:

Comprehensive and Detailed Explanation

Cloud interconnects that support BGP peering must provide a routed Layer-3 adjacency capable of exchanging routing information dynamically. In major cloud architectures:

AWS Direct Connect supports private virtual interfaces (VIFs) where BGP is used between the customer router and AWS to exchange routes.

Azure S2S VPN uses IPsec tunnels with static routing by default; BGP is optional only with specific gateway SKUs, but the question expects the standard, universally correct answer, which is Direct Connect.

Azure Bastion is a remote-access management service and does not support BGP.

AWS-managed VPN uses IPsec tunnels with BGP optional, but in exams, the recognized cloud service specifically associated with BGP support is Direct Connect.

In service provider cloud interconnect design, AWS Direct Connect is the standard, well-defined offering that provides layerized WAN connectivity with BGP support.

### 37. Frage

gRPC is used in network virtualization for:

- A. Decreasing network automation
- B. High-performance remote procedure calls
- C. Physical network connections
- D. Graphic rendering

**Antwort: B**

### 38. Frage

Direct Connect offers which of the following advantages over traditional internet connections?

- A. Reduced bandwidth
- B. Increased security
- C. More consistent network performance
- D. Higher latency

**Antwort: B,C**

### 39. Frage

.....

Die simulierten Prüfungen zu machen können Ihre Selbstbewusstsein erstarcken. Mit der Simulations-Software Testing Engine von unserer Cisco 300-540 können Sie die realistische Atmosphäre dieser Prüfung erfahren. Diese Erfahrungen sind sehr wichtig für Sie bei der späteren echten Cisco 300-540 Prüfung. Neben Cisco 300-540 haben wir auch viele andere IT-Prüfungsunterlagen geförscht. Diese Prüfungshilfe können Sie auf unserer Webseite finden. Wenn Sie irgend bezügliche Fragen haben, können Sie einfach mit unserem 24/7 online Kundendienst Personal kommunizieren.

