CISCO MERAKI SOLUTIONS SPECIALIST PRACTICE EXAM (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

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How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

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Questions

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1. **Which statement correctly describes Meraki Insight licensing for Web App Health visibility?**

   A. A single Meraki Insight license must be configured on the target network.

   B. Insight licensing is optional for Web App Health visibility.

   C. Insight licenses are configured per device.

   D. Insight licenses are configured at the organization level.

2. **Which API endpoint clones a new Organization?**

   A. POST /organizations/{organizationId}/clone

   B. GET /organizations/{organizationId}/clone

   C. POST /organizations/clone

   D. POST /organizations/{organizationId}/duplicate

3. **How can Meraki alerts be integrated with an external incident management system using webhooks?**

   A. Enable SNMP traps to forward alerts to the incident management system

   B. Install a local agent on each device to relay alerts

   C. Use a webhook to send Meraki alerts to an external incident management system by configuring a webhook and payload format

   D. Create a webhook that requires a non-JSON payload

4. **Which action extends video retention by motion-based retention on MV cameras?**

   A. Enabling motion-based retention

   B. Increasing frame rate

   C. Lowering resolution

   D. Deleting old footage

5. **What is the recommended approach to backup Meraki configurations?**

   A. Backups must be saved locally on each device

   B. Meraki is cloud-managed; device configs are stored in the cloud; you can copy network configurations and re-apply; you can export configuration history for records

   C. There is no backup process

   D. Cloud automatically reverts to initial state after changes

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6. What topology does Meraki Auto VPN use to connect MX devices?

A. Full mesh topology with equal-cost multipath.

B. Point-to-point only connections.

C. Hub-and-spoke topology with dynamic path selection.

D. Star topology with fixed paths.

7. What does the MX Security Appliance send to determine whether VPN traffic exceeds the configured latency threshold in the VoIP custom performance class?

A. SYN probes through tunnels

B. ICMP echo requests

C. TCP time probes

D. 100-byte UDP probes every second, through VPN tunnels that are established over every WAN link.

8. What is the best-practice enrollment method when deploying corporate-owned iOS devices with Systems Manager?

A. MDM

B. DEP

C. QR Enrollment

D. Apple Configurator

9. How do Meraki MV cameras handle motion events?

A. Motion analytics, object/person detection, and counting; motion events generate alerts and can trigger video clips and retention actions.

B. MV cameras are not capable of detecting motion.

C. MV cameras provide audio analytics.

D. MV cameras only record video without analytics.

10. To investigate wireless mesh information between Meraki APs, which path in the dashboard should you navigate?

A. Wireless > Monitor > Access Points > AP > RF

B. Wireless > Monitor > Access Points > AP

C. Wireless > AP > RF

D. Network > Wireless > Mesh

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Answers

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1. A
2. A
3. C
4. A
5. B
6. C
7. D
8. B
9. A
10. A

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Explanations

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1. Which statement correctly describes Meraki Insight licensing for Web App Health visibility?

A. A single Meraki Insight license must be configured on the target network.

B. Insight licensing is optional for Web App Health visibility.

C. Insight licenses are configured per device.

D. Insight licenses are configured at the organization level.

Meraki Insight licenses for Web App Health visibility are applied at the network level. Assigning a single Insight license to the target network enables Web App Health data collection and dashboards for all devices within that network. The license is not tied to individual devices, and it isn't configured at the organization level. If you want Web App Health for additional networks, each network needs its own Insight license.

2. Which API endpoint clones a new Organization?

A. POST /organizations/{organizationId}/clone

B. GET /organizations/{organizationId}/clone

C. POST /organizations/clone

D. POST /organizations/{organizationId}/duplicate

Cloning an Organization via the API is a create action that originates from an existing Organization. The correct path is a POST to /organizations/{organizationId}/clone. The endpoint name and the POST method together indicate that you're telling the system to create a new Organization by copying the configuration from the specified source organization. In practice, you'd include in the request body the new Organization's name and any optional settings you want to apply. Using GET would imply retrieving information, not creating anything, so it cannot clone. A path without the specific organizationId wouldn't have a defined source to clone from, so it couldn't create a clone. A different path like /organizations/{organizationId}/duplicate uses a different action name, which does not match the recognized API for cloning an Organization.

3. How can Meraki alerts be integrated with an external incident management system using webhooks?

A. Enable SNMP traps to forward alerts to the incident management system

B. Install a local agent on each device to relay alerts

C. Use a webhook to send Meraki alerts to an external incident management system by configuring a webhook and payload format

D. Create a webhook that requires a non-JSON payload

Webhooks provide a native, real-time bridge from Meraki alerts to an external incident management system. By configuring a webhook destination in Meraki and selecting a JSON payload, each alert is pushed to the incident system as soon as it happens. This enables automatic ticket creation and routing, with useful fields such as alert type, device, network, timestamp, and severity included in the payload. It's the most flexible and scalable approach because no on-device agent is needed and the integration leverages the incident system's existing workflows. SNMP traps require separate collectors and aren't as suited for structured, automated ticketing. A local agent isn't how Meraki alerting is designed to work, and requiring a non-JSON payload wouldn't be compatible with Meraki's webhook delivery.

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4. Which action extends video retention by motion-based retention on MV cameras?

A. Enabling motion-based retention

B. Increasing frame rate

C. Lowering resolution

D. Deleting old footage

Enabling motion-based retention directly affects how long video is kept by prioritizing clips where motion is detected. When this feature is on, the camera uses motion events to determine what to preserve longer, so footage with activity stays available for a longer period while non-motion periods may be overwritten sooner. This balances storage usage and retention by focusing on meaningful events, which is why it extends retention most effectively. Increasing frame rate would generate more data and doesn't change how retention is allocated. Lowering resolution reduces data but isn't tied to the motion-based policy. Deleting old footage is a manual cleanup action, not an automatic retention extension based on motion.

5. What is the recommended approach to backup Meraki configurations?

A. Backups must be saved locally on each device

B. Meraki is cloud-managed; device configs are stored in the cloud; you can copy network configurations and re-apply; you can export configuration history for records

C. There is no backup process

D. Cloud automatically reverts to initial state after changes

Meraki devices are managed in the cloud, so the network configuration lives in the cloud rather than on each appliance. The best backup approach is to rely on that cloud-centric model: you can copy an entire network's configuration and re-apply it to a new network, and you can export the configuration history for records. This gives you a centralized, versioned record of settings and the ability to reproduce or restore configurations without pulling anything from individual devices. In practice, you'd use the dashboard to view Configuration History, which shows what changes were made and when, and you can export that history for documentation. If you need to rebuild or migrate a network, you can duplicate the configuration or clone settings to a new network, ensuring consistency across deployments. Backing up locally on each device isn't how Meraki is designed, and there isn't an automatic revert to the initial state after changes—the rollback, when needed, is done via deliberate restoration from the cloud history or by re-applying a saved configuration.

6. What topology does Meraki Auto VPN use to connect MX devices?

A. Full mesh topology with equal-cost multipath.

B. Point-to-point only connections.

C. Hub-and-spoke topology with dynamic path selection.

D. Star topology with fixed paths.

Meraki Auto VPN uses a hub-and-spoke arrangement where each site connects its MX to one or more hub MX devices. All site-to-site traffic between branches is routed through the hub, which aggregates and forwards the data to the appropriate remote site. The key enhancement is dynamic path selection: Meraki continually measures link health and VPN performance, automatically choosing the best available tunnel path to a given remote site and failing over as conditions change. This provides resilient connectivity and efficient routing without manual configuration, unlike a full mesh of direct site-to-site tunnels or fixed-path star layouts.

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7. What does the MX Security Appliance send to determine whether VPN traffic exceeds the configured latency threshold in the VoIP custom performance class?

A. SYN probes through tunnels

B. ICMP echo requests

C. TCP time probes

D. 100-byte UDP probes every second, through VPN tunnels that are established over every WAN link.

When Meraki evaluates whether VPN latency stays within the VoIP performance threshold, it uses synthetic measurements that mirror real VoIP traffic. The MX sends small UDP probes—100 bytes each—every second through every VPN tunnel, across all the WAN links. These probes traverse the same encrypted VPN path used by real VoIP traffic, so the measured latency reflects the actual user experience, including the VPN overhead. Using UDP is important here because VoIP typically runs over UDP, and UDP probes avoid the delays and retransmissions that can come with TCP, giving a more accurate gauge of one-way latency without the extra variability. The small size minimizes probe impact on the network, while sending through all tunnels ensures you capture latency across the entire multi-WAN setup. If the measured latency is within the threshold, performance is considered acceptable; if it exceeds, you know the VPN path isn't meeting the required QoS for VoIP.

8. What is the best-practice enrollment method when deploying corporate-owned iOS devices with Systems Manager?

A. MDM

B. DEP

C. QR Enrollment

D. Apple Configurator

Zero-touch provisioning through Apple's Device Enrollment Program (DEP), now part of Apple Business Manager, is the best practice for corporate-owned iOS devices when using Meraki Systems Manager. DEP lets devices be pre-registered to your MDM so that, on first power-up, they automatically enroll into Meraki without any manual steps by the user. The devices arrive supervised, which unlocks stronger management capabilities and policy enforcement, and a pre-defined enrollment profile can push Wi-Fi, VPN, passcode requirements, restrictions, and app deployment as soon as the device is activated. This approach is ideal for large fleets because it eliminates manual staging, reduces support overhead, and ensures every device starts with the same security and configuration baseline. In contrast, manual or post-setup enrollment methods require user interaction or additional steps. QR enrollment can work for smaller or ad-hoc scenarios but isn't as seamless or scalable for new corporate-owned devices. Apple Configurator requires a Mac and physical handling of each device, which isn't practical for mass deployments. MDM alone is part of the solution, but DEP provides the zero-touch mechanism that makes initial setup automatic and uniform.

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9. How do Meraki MV cameras handle motion events?

A. Motion analytics, object/person detection, and counting; motion events generate alerts and can trigger video clips and retention actions.

B. MV cameras are not capable of detecting motion.

C. MV cameras provide audio analytics.

D. MV cameras only record video without analytics.

Motion events on Meraki MV cameras are driven by motion analytics that do more than just notice movement. The system analyzes each frame to identify and classify what's moving—such as people or vehicles—and can even count occurrences in a scene. When a motion event occurs, it can generate alerts to the appropriate people and automatically create a video clip that captures the moment, including a short window of footage before and after the event. Retention actions let you specify how long those event clips are kept or how they're managed, ensuring important incidents are preserved for review. This combination of analytics, alerts, event-based clips, and retention is what sets MV motion handling apart from simple continuous recording. The other statements aren't accurate: MV cameras do detect motion; they offer analytics beyond audio; and they do provide event-driven clips and retention handling rather than only recording without analytics.

10. To investigate wireless mesh information between Meraki APs, which path in the dashboard should you navigate?

A. Wireless > Monitor > Access Points > AP > RF

B. Wireless > Monitor > Access Points > AP

C. Wireless > AP > RF

D. Network > Wireless > Mesh

To inspect how Meraki APs are connected and how they see one another through the mesh, you want to view the radio and neighbor data for a specific access point. In the dashboard, go to Wireless, then Monitor, then Access Points. From the list, open a particular AP and switch to the RF tab. There you'll see the AP's radio status along with the neighboring APs and mesh relationships, which shows the paths and link quality between APs. Other paths don't take you to that per-AP RF view: going directly to an AP without the RF tab misses the detailed radio/mesh metrics, and routes that bypass the Monitor section or target a generic Mesh page won't provide the AP-level RF information you need.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

https://ciscomerakisolspecialist.examzify.com

We wish you the very best on your exam journey. You've got this!

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