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INTERVIEW NO.1

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INTERVIEW #1

Q&A

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2.0 INTRODUCTION

This document helps you build your Interview Skills. The layout is designed to immerse you in a real-time Interview Scenario where you may have many options when responding. However, listening carefully and responding with confidence is all an employer is seeking. So, don't just read the scenarios. Imagine yourself facing this question and develop the confidence and determination to respond.

1. LISTEN Carefully. In this simulation READ the question carefully.
2. If not sure ask the question. In this simulation READ the question AGAIN carefully.
3. Pay attention to the Answer. Focus on the question and response. Understand why this is the best response. Sometimes two responses are possible for the same question. However, one is better than the other in YOUR mind.
4. Develop a flow. Be DYNAMIC in responding and not STATIC. If someone asks you how is the weather in Houston? Don't say it is 92 Degree Fahrenheit today. A well-balanced answer that has FLOW should be: The weather has been good; it has been raining but this week will be a very hot week. The humidity is too much!

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3.0 SCENARIO 1: WEBPAGE NOT RESPONDING ON SEVSERVERA

- **Question:** You've received a ticket stating that a webpage on devServerA isn't responding. What ONE Unix/Linux command will you use first?
- **Answer:** Use the ping devServerA command.
- **Practice:**
 - Open VM1 and VM2.
 - Retrieve IP addresses using ip a.
 - From VM1, execute ping <VM2_IP>.
 - From VM2, execute ping <VM1_IP>.

4.0 SCENARIO 2: CPU PERFORMANCE ISSUES REPORTED

- **Question:** CPU performance issues are reported. Which command will you use to check CPU details?
- **Answer:** Use the lscpu command.
- **Practice:**
 - Execute the command: lscpu.
 - Carefully review the output to understand CPU configuration and capabilities.

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5.0 SCENARIO 3: LOW MEMORY AFFECTING APPLICATION SERVICES

- **Question:** Memory is running low, affecting application services. What command will you run?
- **Answer:** Use the free -m command.
- **Practice:**
 - Run the command: free -m.
 - Study each row and column (total, used, free, shared, buff/cache, available).

6.0 SCENARIO 4: INCREASING SIZE OF /VAR DIRECTORY

- **Question:** The /var folder is growing significantly in size. How do you check overall disk space?
- **Answer:** Use the df -h command.
- **Practice:**
 - Execute the command: df -h.
 - Review the Used, Avail, and Use% columns carefully.

7.0 SCENARIO 5: USER-REPORTED APPLICATION ISSUE

- **Question:** An application issue is reported by a user. How do you check the number of currently logged-in users on Linux?
- **Answer:** Use the w command.
- **Practice:**

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- Execute the command: w
 - Examine the output to see logged-in users, session details, and system load.

8.0 SCENARIO 6: POST-PATCHING SERVER ISSUES

- **Question:** After weekend patching, issues are reported on a server. You've already pinged the server, and it's responding. What's the next logical command to run during troubleshooting?
- **Answer:** Run the uptime command followed by the date command to log troubleshooting time, and the hostname command to confirm the correct host.
- **Practice:**
 - Execute commands sequentially:
 - uptime
 - date
 - hostname
 - Document each output clearly to record your troubleshooting steps.