Control – M Interview Questions and Answers

1. Scenario: A critical job failed in Control-M. How would you troubleshoot and resolve it?(100% asked Control-M Interview Questions)

Answer: I would start by checking the job's logs in Control-M, looking for any error messages or abnormal behavior. If the logs don't provide enough information, I would examine the job's input and output files, if applicable, to identify any issues. Additionally, I would review the job's dependencies and resource requirements to ensure they are configured correctly.

2. Scenario: You need to schedule a job that should run every day at 3:00 AM, but not on weekends. How would you set up this job in Control-M?

Answer: To achieve this, I would create a daily job in Control-M but configure a calendar that excludes weekends. I would set up a non-working day calendar that specifies Saturday and Sunday as non-working days and then associate this calendar with the job.

3. Scenario: A job is dependent on the completion of another job. How would you set up job dependencies in Control-M?(100% asked Control-M Interview Questions)

Answer: I would use Control-M's job dependencies feature to define the relationship between the two jobs. I'd specify the dependent job to wait for the completion of the triggering job before it starts. This ensures that the dependent job only runs when the triggering job finishes successfully.

4. Scenario: You want to ensure that a job runs successfully a maximum of three times. How would you configure this in Control-M?

Answer: I would use Control-M's job retries feature. I'd set the job to retry up to three times in case of failure. If the job still fails after three attempts, Control-M would mark it as failed and take appropriate actions based on job status.

5. Scenario: What actions would you take if a job consumes excessive CPU or memory resources and impacts other jobs running on the same server?

Answer: I would first analyze the resource consumption of the problematic job, using Control-M's monitoring and reporting capabilities. Then, I would consider adjusting the job's resource requirements, such as CPU or memory limits, to ensure it doesn't impact other jobs. Additionally, I might schedule the job to run during off-peak hours to minimize resource contention.

6. Scenario: You need to schedule a job that involves file transfers between multiple servers. How would you set up this job in Control-M?

Answer: I would use Control-M's file transfer job type to define the job. I'd specify the source and destination servers, as well as the transfer method (e.g., FTP, SFTP). I'd also configure any authentication credentials and encryption settings required for secure file transfers.

7. Scenario: A critical job needs to be executed immediately due to an urgent request. How would you prioritize this job over others in the queue?(100% asked Control-M Interview Questions)

Answer: I would use Control-M's priority settings to increase the priority of the critical job. By assigning a higher priority, Control-M will prioritize this job over others in the queue, ensuring it gets executed as soon as possible.

8. Scenario: You need to schedule a job that runs on the last day of every month. How would you configure this recurring job in Control-M?

Answer: I would set up a monthly job in Control-M and configure it to run on the last day of the month. I'd specify this using Control-M's calendar options to ensure the job runs on the desired date.

9. Scenario: A job is running longer than expected and causing delays in the workflow. What steps would you take to optimize its execution time?

Answer: I would analyze the job's performance by reviewing its logs and resource utilization. I'd consider optimizing the job's logic, parallelizing tasks, or allocating additional resources if needed. Additionally, I might adjust the job's schedule to run during off-peak hours to reduce contention for resources.

10. Scenario: You want to automate the process of handling job failures, such as sending notifications and restarting jobs. How would you configure Control-M to achieve this?

Answer: I would use Control-M's alerting and recovery actions. I'd configure notification rules to send alerts when a job fails and set up recovery actions to automatically restart the job or trigger specific actions based on the failure scenario, such as notifying the support team or escalating the issue.

11. Scenario: A job involves sensitive data and requires encryption during execution. How would you ensure data security in Control-M?

Answer: I would utilize Control-M's encryption features to protect sensitive data. This includes encrypting data at rest and during transmission. I'd configure encryption settings for file transfers, databases, and any other data-related operations, following best practices for data security.

12. Scenario: You have a job that should run on multiple servers simultaneously for load balancing. How would you configure this in Control-M?

Answer: I would define multiple instances of the same job in Control-M, each targeting a different server. By doing so, Control-M will distribute the workload across the specified servers, achieving load balancing for the job.

13. Scenario: You need to ensure that a job only runs if certain conditions are met, such as file availability or database records. How would you set up job conditions in Control-M?

Answer: I would use Control-M's conditions feature to define the criteria that must be met for the job to run. For example, if the job depends on file availability, I'd set up a condition to check for the existence of the file before allowing the job to proceed.

14. Scenario: A job failed due to a network outage. How would you configure Control-M to automatically retry the job once the network is stable?

Answer: I would use Control-M's recovery conditions to specify that the job should be retried if the failure reason matches a network-related issue. I'd configure a delay between retries to allow time for the network to stabilize before retrying the job.

15. Scenario: You've made changes to a job's parameters and want to test them without affecting the production environment. How would you perform a controlled test in Control-M?

Answer: I would create a test environment in Control-M that mirrors the production environment. Then, I'd duplicate the job in the test environment and apply the parameter changes. By testing in this isolated environment, I can ensure that the changes do not impact production jobs until I'm confident in their performance.