

100 basis interview questions and answers

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100 SAP BASIS INTERVIWE QUESTIONS

1.what are steps to install sap ?

Install os load the VGA and LAN drivers after increase the SWAP Memory 3 times of physical RAM and Assign IP Address .

Install Kernel patches and java files

Install dialog and central instance (Start à Programs SAP system setup of install Dialog and Central and Database instance .

C11à install central and database instance.

PARAMETERS:

1.Memory

2.Number of parallel process

3.Instance number

4.SID

5.Central Transport host

6.Data base name

7.Sap data.. Up1 to Data six locations .

2.What is the folder it will ask to install oracle ?

Orahome81 path=\Oracle

3.What is you allocate disks to different areas in SAP ?

- a. Disk1,Disk2,(Raid 1 min 4 GB)à winnt, Saparch
- b. Disk3,Disk4(Stripe Min 4 GB)à swap
- c. Disk5 (min 4 gb) Origilog A, Mirror log B, TRANS:
- d. Origlog B , Mirror log A, SAPREORG.
- e. Sapdata1, Sapdata2 ,Sapdata3 , up to Sapdata6

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4.How much Swap memory should be in the system ?

Three times of main Memory – at least 2GB

5.On which system you installed SAP ?

QAS (Quality)

6.How many types of work processes ?

7 types (Dialog , Enque , Update , Background,Spool,Message server,Gateway)

7.What Is difference between CENTRAL INSTANCE AND DIALOG INSTANCE ?

Central Instance have message server installed on it where as Dialog Instance do not have message server.

8.How to see the work process status ?

SM50

9.How many types of printer you have configured ? how do you differentiate between them ?

4 types of printers

Production Printing , Mass Printing ,Test Printing, Desktop Printing .

10.Where printer port(LPT) is running on the system ?

Network and Desktop printers

11.What is the transaction code for creating Roles and how to users and what is method you will follow ?

PFCG , then we generate the profile after that assign roles to users

12.Have u applied patches what is the transaction code ?

yes, SPAM

13.What are the two files present while importing patches from OS level to SAP level ?

.PAT, .ATT

14.Do you see Sao Notes before applying patches if so what are the two steps in SAP notes that we have to follow the before the applying patches?

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15. On which system you have applied patches ?

DEV and QA

16. Have you applied OSS Notes?

No

17. How many types of client copies and which method do you prefer ?

We prefer mainly remote Client Copy

18. What is the difference between remote client copy and client export ?

RemoteCopy → Using RFC connection we will perform remote copy

ClientExport → Using TMS configuration we will perform client export and then we have to import client to copy the client – STMS has to be created first for doing Client Export.

19. How much time it will take to copy a client of size 650Gb

More than 17 hours

20. Do you have faced any problems while connecting to OSS some time is not connected, some time it requires authentication

21. What is your landscape (how many no of application server which production, with specifications (RAM connected, some time it requires authentication))

22. No of work Process

7 work process (Dialog, Enqueue, Background, Spool, Update, Message, Gateway)

23. What is the job of Application Server

It takes the request from the user and if the request requires data then it connects to database server and gives output.

24. What is the difference - Central Instance and Application Server (Dialog Server) Central Instance has a message server and work processes Application server has no message server, having work processes.

25. What are the Daily Activities

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Background job logs, Spool Logs, Work Processes Overview , Users Overview, All Application Servers active or not .

26.What will you observe in ST06 ?

CPU, SWAP , Memory , Hard Disk Space

27.What is ST03 ?

Workload Analysis

28.What is the difference between ST06 and ST03

ST06 is OS Monitoring

ST03 is used for - Monitor OS and Database and SAP System

29.What will observe in ST03?

Hit Ratio and Buffer Fillers and Roll Memory and Swap memory .

30.What is table buffer and single record buffer ?

31.What will observe with respect to buffer ?

32.Have you configured operation modes

yes (RZ04,SM63,RZ03)

33.Where will you change the parameters in three Profiles?

Instance Profile ,RZ10

34.Can you change the profile parameter in the OS Level? Which one is advisable why ?

We can change the profile parameter from OS level. Its not recommended .

35.If you see the same parameter value in all instance profiles what will you do ?

36.What is Development Class ? Why to Create the Development Class ?

Group of requests under one logical name is development class. When ever we change in R3 repository it should be assigned to development class and it internally assigned to transport layer .

37.I have a created one ABAP program I want to transport. How will you do that ?

38.What is transport domain and what is target Transport Group?

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39. I have three servers and two application servers to QAS. If I want to transport to one application server in QAS and to production system, how will I do that?

40. How to create transport groups?

Through STMS

41. I have transported one object then how do you know that it has been applied, and if it is not transported, what will you do? How to create that object if not yet transferred?

If the request is not in the queue of target system, it means it has been applied. If it is there, the object is not yet applied.

42. What is the difference between transport layer and development class?

Development class is assigned to transport layer.

43. Do you know about OSS? What do you do with OSS?

Yes, it is an online system service.

44. Do you know Logon Groups? At which situation will they be created? Logon group?

Yes, if we find load on application server, then we have to create logon group (if the production department users are more than we have to create logon group for that department).

45. How many number of users have been connected to that particular logon group?

100 to 150 users

46. What is the purpose of Enqueue processor?

Enqueue work process makes sure that database is in consistent state.

47. If you have observed enqueue overflow, what will you do?

No

48. What is your landscape?

3 system Landscape

49. If a background job is aborted, then what will you do? How to rectify that?

50. What are the states of background job?

5 states

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- Scheduled
- Ready
- Released
- Active
- Finished
- Cancelled

51.How many background jobs are running in your production system ?

52.What is the difference between spool request and print request ?

53.what is the job of Spool work Process?

54.IF a user complains that he could not execute some of the transaction codes then what will you do ?

Use T-code SU53 , This will show which authorization is missing in his profile.

55.What are the Daily transactions ?

AL03,SM04,SM37,SP01,SM21 etc

56.If there is performance problem how will you analyze the problem ?

57.How will you delete Locks?

58.Have you maintained roles Naming Conventions?

59.If gateway process is failed then can u connect to other R/3 ?

60.How to configure TMS ?

61.What is your landscape ?

62.How transport the request ?

63.What are patches you applied ?

SAP_BASIS,SAP_ABAP,SAP_HR,SAP_SD

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64. Kernel patches ?

65. Procedure for Applying patches ?

SPAM

66. Did you apply patches from OS level ?

YAS

67. What are the jobs you assigned ?

69. How Many profiles

Total 3 Profiles

- Default
- Start
- Instance

70. Diff between Start and Instance Profile ?

71. ST03 For Load Analysis

72. Read Buffer – write Buffer

73. Temse Temporary Sequential Object

74. SE11 Database clearing

75. ST22 Abap Dump

76. What are real-time problems you got ?

77. What are the transactions you used?

78. What is the responsibility in your Company ?

79. Operatin modes configurations on assigning time table?

80. Maintaining user Profiles

81. Background job Configuration and Troubleshooting

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82. Background job configuration

83. Applying Packages

84. Performance monitoring of R/3 systems?

85. What is the purpose of logon load balance?

To distribute the workload between application servers.

86. Which Tcode is used for Logon load Balance ?

SMLG

87. I am having two application servers the logon load balance is there ; if the user wants to connect to application server which will be connected first.

Message server will assign the Application server automatically.

88. How do you distribute the load.

Depend upon the load, according to module we have to configure logon groups.

89. You have done Documentation for Various tasks ?

90. How to analyze ABAP dumps ?

* By seeing ABAP dump error we come to know that whether the error or developer technique

.

· If belongs to insufficient memory dump error display at which stage the transaction terminate and how much memory requires. So that we have to increase the memory (Through Instance profile)

· If belongs to table space error it displays the table name so that we increase the table space through the SAPDBA

· If belongs to program error we have to analyze the ABAP program through se30

· If belongs to developer technique cancel the ABAP program

91. Each and every work processor is full even though the user wants to execute the program. Then what's the solution ?

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· If u don't have second applicaitno server than we have to cancel te particular work processor (through SM50)

· If u have second application server than we have to configure the logon groups

92.At what stages we need to transport the requests

Whenever we need the change the objects and need to transport we have to perform transports like user request , client transport etc..

93.How to perform the transport?

Through STMS_IMPORT or through FTP.

94.Whenever I Suppose to start the MMC , The message server is starting , but the dispatcher and work process is unable to start ? what could be the problem ?

95.If the Gateway service failed , can you connect to other r/3 System?

96.I tried to cancel a job with "Cancel Active Job " but I got the message "Job is not active " I killed the process in SM50 , but my SM37 is still showing ACTIVE . What can I do to fix this ?

· In SM37à select job name and user àExecute Second screen on the top select job à Check status

· Start STMS and double click on the request it self, you will see which type of request it is (Workbenchàclient Independent or Customizingàclient dependent).

· I recommend you to import every request on which client without looking inside the request.

97.What are the Background job you applied ?

Checking the spool logs, Background job logs, Client Copies , etc

98.I Applied one background job Logs ,Client Copies etc..

99.what is the procedure to applying Patches ?

first we will download the patches from the service .sap.com to Trans Directory . In the trans Directory extract the patches using CAR command after that using SAPM we have to import patches into sap level and apply.

100.How to configure TMS ?

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Select all systems in a landscape and select for domain controller and type stms and give domain name and go to remaining systems and configure the same and come to dc and select configure and distribute option .

Create transport route and paths .