

# IBM ADABAS Interview Questions And Answers Guide.



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## **IBM ADABAS Job Interview Preparation Guide.**

### **Question # 1**

What is the difference between Null compression and default compression?

#### **Answer:-**

The default compression type for ADABAS is 'Normal' compression. This compresses the data by removing trailing spaces from alphanumeric fields, removing leading zeros and packing numeric fields, and leaving packed fields as is. Null Suppression is a type of compression. The field must be designated with 'NU' for this compression to occur. Null suppressed fields that are blank or zero only take up one byte instead of two. If there are multiple empty fields together they can be compressed into a one byte empty field count.

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### **Question # 2**

How to initialize a variable which is a constant in a LDA. Suppose I want to declare a variable #a N1(1:7) having constant values as 1,2,3,4,5,6, and 7 for respective occurrence then how can we do that?

#### **Answer:-**

In data area editor screen, define the variable #a with Format "N" and length 1. Then edit this variable/ field by typing in a ".e" just before the level number of this variable. This will take you the "Extended Field Definition Editing screen". Type the code as "A" for Array index definition. On the "Index definition" screen, declare your index as 1:7 press enter and exit the screens until you are back onto the data area editor screen. Now again type in a ".e" to edit the same field/ variable and type code "S" for defining the single initial values. On this initial value screen, change the "Define as Constant" field value from "N" (No) to "Y" (yes) and just below it define constant values against each index value ranging from 1 to 7.

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### **Question # 3**

What is an Associator in ADABAS?

#### **Answer:-**

Associator is one of the datasets of the adabas. It contains -  
Number of adabas files which have been allocated in data storage.  
The physical location of the extents of the file in the data storage.  
Address converter, Inverted list, FDT.

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### **Question # 4**

What is the significance of DBID used in Adabas?

#### **Answer:-**

DBID stands for database ID, in a Adabas server environment you can have multiple data base running. DBID represents unique ID of the database. Each file in Adabas has its DBID



and FNR.

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### **Question # 5**

Suppose If i have updated few fields of Adabas file using UPDATE command, and after that i used display to see that field get updated or not. If in Display it showing nothing or record did not get updated then what can be the possible reasons?

**Answer:-**

The find instruction may be used to display such that we applied find command to get the records corresponding to our search entry and after that record might be updated. So the updated inverted list will be formed but the ISN list in the working storage section will not be updated giving the same records prior to update.

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### **Question # 6**

How will you specify the database file?

**Answer:-**

If you want to know the specification of file in ADABAS such as file's record length, structure and declaration, inverted list etc., you have to look the FDT (File Definition Table) through ADAREP option.

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### **Question # 7**

What is Adabas?

**Answer:-**

Adabas is an adaptable database. Natural can be accessed from Adabas. Natural Adabas is supported on mainframe platforms available on Windows, Unix, and Open VMS systems. Adabas mainly includes concepts like read, find, and get statements (all the looping statements).

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