

Peoplesoft Security Interview Questions And Answers Guide.



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Peoplesoft Security Job Interview Preparation Guide.

Question # 1

Suppose organization XYZ uses PS department security. There are 4 levels in the department tree 1,2,3 and 4 with 4 being at the top of the tree. If a manager A is in dept 3 and has 2 direct reports in the same department. Can the direct reports view data for employees in department 4?

Answer:-

If the direct reports are also in department 3 then they can see the data for employees in department 2 and 1 only. They cannot see the data for a population which is above their department tree node. Since 4 is above 3 they cannot see the data.

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Question # 2

Suppose organization ABC uses Department Security with Dept 1 as the parent department. Dept 2 is the child of Dept 1, Dept 3 and Dept 4 are the child of Dept 2. A person is given the Read/Write access to Dept 1. Which departments will he have access to? Can we restrict the access to dept 3? If yes, how?

Answer:-

Since Dept 1 is the parent department and read/write access is given for Dept 1, the user will have access to all the departments under Dept 1, i.e. Dept 2, Dept 3 and Dept 4.

Yes, we can restrict the access to Dept 3 by giving 'No Access' to Dept 3 while defining the access code for Dept 3 on the Security by Dept Tree page of the respective permission list.

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Question # 3

Suppose if a person is assigned row security for a department, will he have access to all the child departments as well? If yes, is there a way we can restrict access to one of those?

Answer:-

By default, the user will have access to employees of all the child departments. Although, access to employees in a child department can be restricted through data permission list. To define the security profile of a department tree, navigate to: Setup HRMS -> Security -> Core Row Level Security -> Security by Dept Tree. For the particular row security permission list, access codes can be set to 'No Access' for a child department to restrict access.

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Question # 4

What is SJT_CLASS_ALL?

Answer:-

SJT_CLASS_ALL: Contains the data permission information for all the data permission lists that are given data access on the 'Security by Dept Tree' page or 'Security by Permission List' page.

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Question # 5

Do you know what are security join tables? Why is it necessary to refresh SJT processes?

Answer:-

PeopleSoft system stores security data in user and transaction Security Join Tables. (SJT).

User SJTs are:

SJT_OPR_CLS: Contains the User IDs with their data permission lists.

SJT_CLASS_ALL: Contains the data permission information for all the data permission lists that are given data access on the 'Security by Dept Tree' page or 'Security by Permission List' page.

Transaction SJTs are:

SJT_PERSON: Contains transaction data for the people (employees, contingent workers, Person of Interest). It has row level security attributes (SetID, DeptID etc) for all the employees.

SJT refresh processes have to be run to keep security data (in user and transaction SJTs) up to date so that the system enforces data permission using the most current information.

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Question # 6

Can you explain I wish to give access of a page which shows the USA flag to a user but wish to exclude some of the components. How can I do that? Explain the steps?

Answer:-

Any user whose Primary Permission List is set up to show a particular country will show its flag as well. The navigation for the same is: Setup HRMS -> Security -> Component and Page Security -> Setup Global Security. If the US flag has to be shown to the user, USA should be selected in the country prompt. There is a link to 'Excluded Components' in the panel, which can be used to exclude certain components.

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Question # 7

Do you know how is Security by Department tree different than Security Access types?

Answer:-

Security by department tree defines which setid and deptid a permission list has access to. Security access types are different ways in which security can be driven for a security set. For example department security can be driven by department tree or department setid. Both these are security access types which belong to security set department.

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Question # 8

Do you know what are the different delivered security sets and how do they function?

Answer:-

The different security sets are: - Department, People with jobs, People without jobs, US federal people with jobs, Recruiting job openings and template based hire. For each security set, admin can enable or disable the access type. Based on this setup, the system will decide the type of security. For example, department security will be driven based on department tree, which is one access type or it can be driven by department setid which is another access type for the security set department. For POIs with no job rows, to define security, the security set People without jobs is used. The other options are access types like location, business unit or institution. So, the one which is enabled, will drive the security.

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Question # 9

Suppose when a user is tied to a primary permission list how does it decide the department data access for the employee? Where and how is this mapping done?

Answer:-

User is tied to a primary permission list in user profile table. This permission list is tied to a setid and deptid in the security setup. This can be done by navigating to Setup HRMS -> Security -> Core row level security -> Security by dept tree. All the departments that get tied here against the permission list are accessible to the user.

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Question # 10

How to assign row level security to users?

Answer:-

The steps to assign row level security are:

i) Assign desired values of fields (department/ job location/ job company/ business unit etc) to Data Permission Lists

ii) Assign these Data Permission Lists to users

If field is 'Department':

i) Data Permission List is given access to values values of 'Department' field defined at various levels in Department Security Tree through: Set Up HRMS -> Security -> Core Row Level Security -> Security by Dept Tree

ii) Users are directly assigned to Data Permission List in user Profiles component 'General' page 'Row Security' field. A user can be assigned to only one Data Permission List at a time.

If field is not 'Department', 'Location', 'Business Unit', 'Salary Grade' etc:

i) Data Permission Lists are given access to values of these fields through: Set Up HRMS -> Security -> Core Row Level Security -> Security by Permission List

ii) Users are assigned to Data Permission Lists through roles in user profiles component (Roles page). Multiple such roles can be assigned to users as per requirement.

OR

Users are directly assigned to Data Permission Lists in user profiles component 'General' page 'Row Security' field.

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Question # 11

Tell me what is row level security? What are the different ways to design row level security?

Answer:-

Row level security is also known as Data Permission Security. It determines the access given to a user for all/specific set of rows through any PeopleSoft component which can be delivered or custom. For a row, access to all the fields is given.

Row level security restricts user's access to a subset of rows based on the value within a field in the record. That field could be department, job location, job company, job salary grade etc. There are certain PeopleSoft delivered security sets and access types which can be used as a basis of restriction. For e.g., restrict access for a user (using Job data component) to all the employees having a value of 'SALES' for the department field in the current effective dated job row.

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Question # 12

Explain the flow of setting up application security. When a new functionality is released how do we setup a user in PS to get access to it?

Answer:-

When a new functionality needs to be provided access for users, then roles and permissions are used. The functionality is associated to a menu-component-page. So



the user needs to get access to the page in one of the various modes like: Add, update or view only. For this, the menu " component " page layer is tied to a permission list. This permission list is then attached to a role and the user is then provided this role through user profile. As a result user will be able to access the functionality.

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Question # 13

What is SJT_OPR_CLS?

Answer:-

SJT_OPR_CLS: Contains the User IDs with their data permission lists.

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Question # 14

if I am able to see the Brazil flag in a component by means of Global security, will I be able to see Brazil employees too?

Answer:-

No, you would not be able to see Brazil employees. Global Security grants you the permission to see a particular flag and not the data. Access to employees is given by means of Row level Security.

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Question # 15

What is SJT_PERSON?

Answer:-

SJT_PERSON: Contains transaction data for the people (employees, contingent workers, Person of Interest). It has row level security attributes (SetID, DeptID etc) for all the employees.

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Question # 16

Tell me how is field level security controlled in PeopleSoft?

Answer:-

There is no delivered security for field level, i.e. no configurable control exists for field-level access for a user. If there is a requirement of field level security, then it has to be done at the level of PeopleCode, i.e. programmatically.

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