

For the following description ORG = ORGANIZATION, ACT = ACTIVITY, PPL = PEOPLE, PROF = PROJECT.

If we need to determine the list of KPIs that a specific user can see we need to follow the following steps:

1. Search for all ORGs where the user has OWN permissions and all to the list of KPIs all of those KPIs associated to those ORGs.
2. Search for all ORGs where the user has MAN\_KPI permissions or ORG has public MAN\_KPI and add to the list of KPIs all of these that are directly associated to the organization and ARE NOT associated to a PROJ, ACT or PPL.
3. Search for all ORGs where the user has MAN\_PROJECT permissions or ORG has public MAN\_PROJECT, then search for all PROJs associated to these ORGs and then add to the KPI list all of the KPIs that are associated to these PROJs.
4. For the list of projects obtained above, search for all the ACT that are associated to these PROJ and then add to the KPI list all of the KPIs that are associated to these ACT.
5. Search for all ORGs where the user has MAN\_ACTITIVIES permissions or ORG has public MAN\_ACTITIVIES and search for ACT that are associated to these ORGs and ARE NOT associated to any PROJ, then add to the KPI list all of the KPIs that are associated to these ACT.
6. Search for all ORGs where the user has MAN\_PEOPLE permissions or where the ORG has public MAN\_PEOPLE, then search for all of the PPL that are associated to those ORGs and finally add to the KPI list all of the KPIs that are associated to those PPL.
7. Search for all ACT where the user has OWN or MAN\_KPI permissions or the ACT is public MAN\_KPI and add to the KPI list all of the KPIs that are associated to the ACT.
8. Search for all PROJ where the user has OWN or MAN\_KPI permissions, or where the ORG is public MAN\_KPI and add to the KPI list all of the PKIs that are associated to those PROJ.
9. Search for all PROJ where the user has MAN\_ACTIVITIES permissions or where the PROJ is public MAN\_ACTIVITIES, then search for all of the ACT that are associated to these PROJs and finally add to the KPI list the KPIs that are associated to these ACT.
10. Search for all PPL where the user has OWN or MAN\_KPI permissions or where the PPL is public MAN\_KPI and add to the KPI list all of the KIPs that are associated to these PPL.
11. Add to the KPI list all of the KPIs that are public VIEW\_KPI
12. Add to the KPI list all of the KPIs where the user has OWN or VIEW\_KPI or ENTER\_DATA permissions.

At the end of this, we should have a list of all of the KPIs that the user can see.