**1) Performance Troubleshooting**

What are the different transaction used to check the performance of the system?

ST02, ST03N, ST04, ST06

ST02 - SAP transaction ST02 can be used to view SAP Buffer and memory configuration for a SAP instance, SAP memory utilization at SAP instance or user/transaction level.

ST03N – ST03 Workload Monitor is the central access point for analyzing performance problems in the SAP system. ST03N is a revised version of transaction ST03.

ST04 - Transaction code ST04 is used to shows detail of the database behave & usage, both history and current time.

ST06 - ST06 can be used to find out when and where there is a performance concern related to CPU and memory.

Which transaction will show the Disk, LAN and Swap usage?

ST06 – Along with this T code ST06 is used to find performance issues in CPU and memory.

Which memory parameter can be optimized to resolve Private mode or Roll-In/Roll-Out issues?

em/initial\_size\_MB and rdisp/ROLL\_SHM, ztta/roll\_extension

em/initial\_size\_MB – This value specifies the extended memory pool size that the SAP system manages for the SAP extended memory. The value is stated in megabytes.

rdisp/ROLL\_SHM - This value specifies the size of the roll buffer in 8 KB blocks

ztta/roll\_extension -The value specifies the amount of memory that one user context can allocate to the SAP extended memory.

**2) Transport Management**

What is directory structure inside /usr/sap/trans?

Bin, data, cofiles, buffer, log, tmp, actlog, sapnames, EPS

Bin –  holds the most important file TPPARAM in the CTS system.

Data- holds the data of transport objects after they are released .

Cofiles - The cofiles directory holds the command files for all change requests.

Buffer – This subdirectory contains an import buffer for each SAP System named after the SID.

Log – holds the entire log files, trace files and statistics for the CTS system.

Tmp – holds information about temporary data and log files.

Actlog- This subdirectory contains files named Z<6 digits> recording each action on a request or task.

Sapnames-  holds information pertaining to transport requests for each system user.

What are the different types of routes in STMS?

Consolidation and Delivery route

The route which is create between DEV and QAS is   
Consolidation route and the route that which is created   
between QAS to PRD is Delivery route.

In which client STMS has to be configured?

000

In transport management system we can configure stms in client 000.