

Transport between different Transport Domains



- Domain link (needs a permanent network connection)
- External systems

For a domain link there must be a permanent network connection between the SAP systems in the two domains, similar to the connection between SAP systems within the same transport domain.

Linking two transport domains with a domain link involves two steps:

1. One transport domain controller has to request a link between the two transport domains.
2. The transport domain controller of the other transport domain has to confirm the link between the two transport domains.

To request a transport domain link, enter transaction `STMS` and choose *Overview* → *Systems*. In the *SAP system overview* choose *SAP System* → *Create* → *Domain Link*. Enter the SAP system name, host name, and instance number of the transport domain controller you want to link to, and then confirm your entries. The SAP system generates the required RFC destinations automatically and sends the address data of the local transport domain controller to the transport domain controller of the other transport domain.

To confirm a link between two transport domains, enter transaction `STMS` and choose *Overview* → *Systems*. In the *System Overview* position the cursor on the transport domain controller where you have requested the domain link and choose *SAP System* → *Approve*. Confirm the prompt and distribute the configuration.

After you have established a domain link,

- you can make transports between SAP systems in different transport domains in the same way as you make transports between SAP systems in different transport groups; RFC is used to transfer transport files between the transport directories involved.
- you can display transport logs of SAP systems in the other transport domain.



Note:

Transport domains are independent administrative units. You can only make changes (such as transport route changes) in the transport domain controller of the transport domain. Transport routes also are not distributed between transport domains. You can, however, configure a route between SAP systems in different domains, but must configure it twice, once in each transport domain. The transport domains that are linked by a domain link must have different names.

If you cannot operate a permanent RFC connection between SAP systems in the two transport domains, you can use **external systems** to make transports between the two domains.

External systems are like virtual systems. However, for this type of SAP system, an separate transport directory is also defined. This directory can either be located on a disk partition that can be accessed by an SAP system in the other domain, or it is on a replaceable data medium, for example a DVD, memory stick or portable hard disk.

The idea behind external systems is to reduce the problem of transporting between **different** transport domains to the problem of transporting between different transport groups in the **same** transport domain.