

What is system copy?

If you want to duplicate an SAP system, you perform a system copy

- Certain SAP parameters may change when a system is copied.
- As part of system copy, all instances are newly installed, but database is set up using a copy of source system database.



Software Provisioning Manager 1.0 covers supported platforms and broad range of products on both ABAP and Java technology

 Whether you are going to copy an SAP NetWeaver system, an SAP Business Suite system or a standalone engine, you can handle all these procedures flexible and reliable on all supported platforms.



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Types of System Copy

A system copy can be either homogeneous or heterogeneous:

Homogenous System Copy-

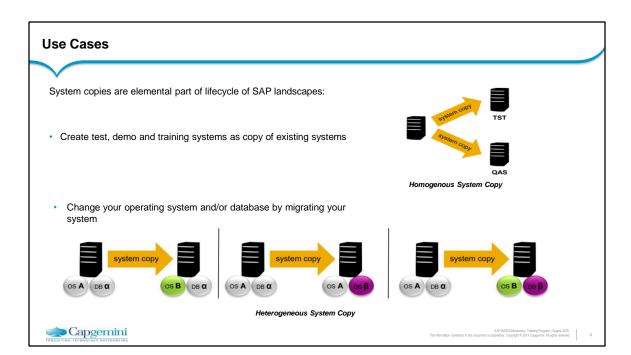
- Both operating system and database system stay the same.
- Performed in most cases with database-specific procedure (database-independent procedure could optionally also be used).

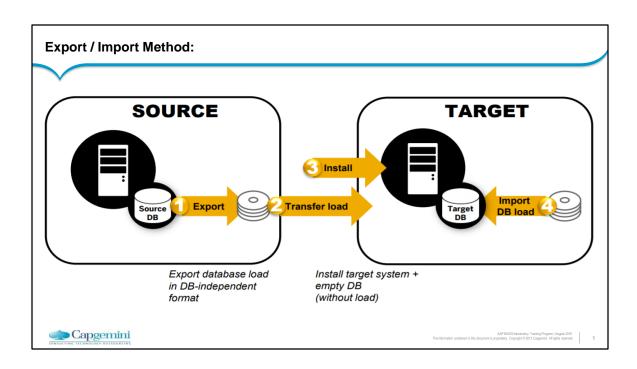
Heterogeneous System Copy-

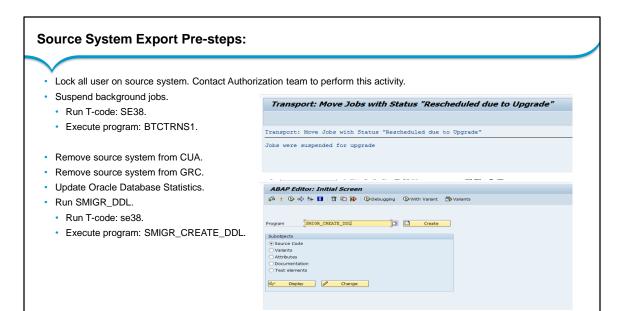
- · One of the following is changed during the system copy:
 - Operating system (in this case, system copy is called OS migration)
 - > Database system (in this case, system copy is called DB migration)
 - > Operating system and database system (in this case, system copy is called OS/DB migration)
- Has to be performed with database-independent procedure (with some exceptions for certain OS migrations, where crossplatform backup-/restore is supported)



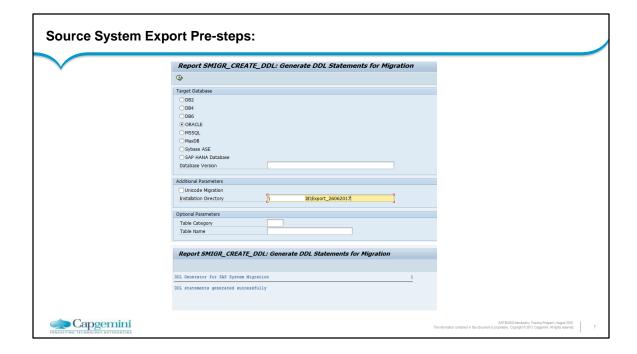
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Source System Export Pre-steps:

- · Clear QCM Tables
- Remove SAP TMP Tables
- Check ICNV Tables
- Delete Entries from tables TATGPC and TATGPCA
- Check For Unknown Objects In ABAP Dictionary
- Table Splitting on Project System
- Stop SAP and DB on source system
- Start The Export preparations Project system



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Export Preparation Steps:

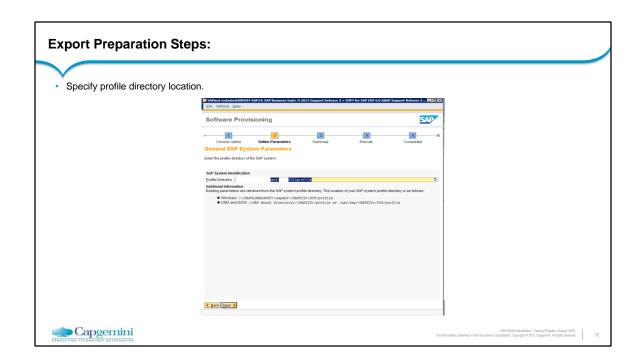
- Run SWPM and choose appropriate solution and DB.
- Then under system copy > Source System > Based on AS ABAP > Export Preparation.

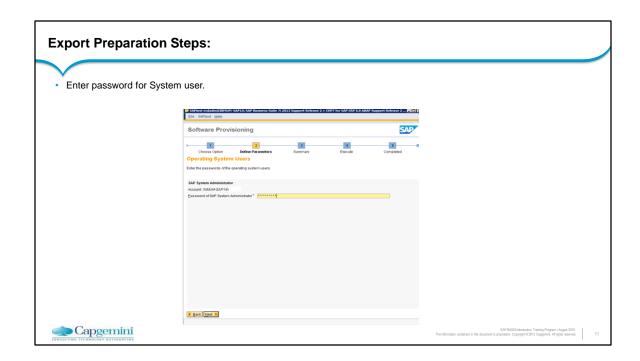


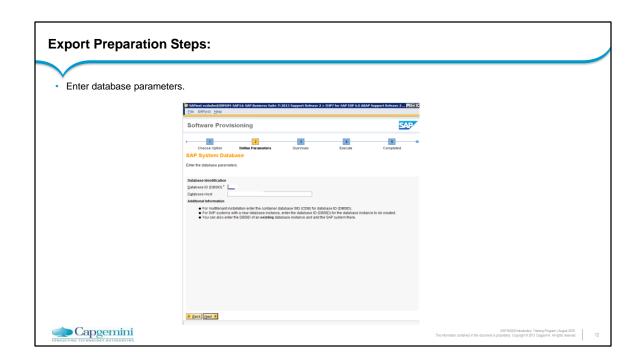
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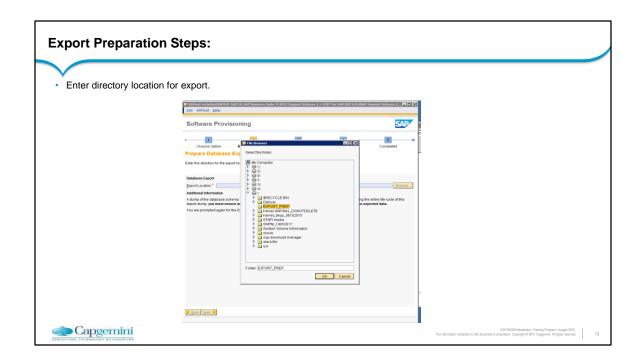
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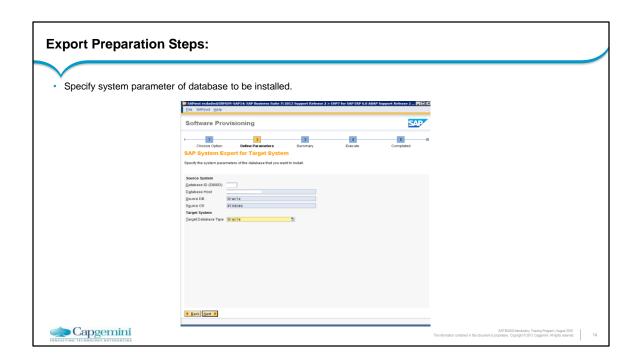
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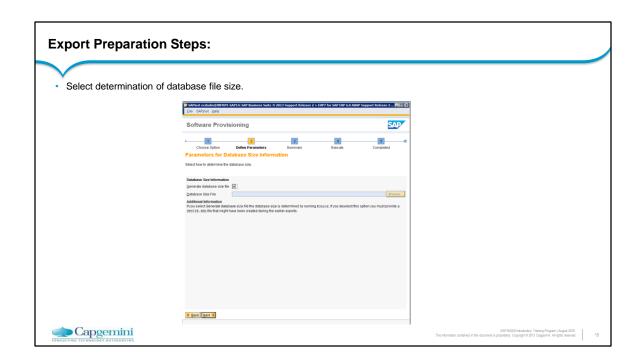


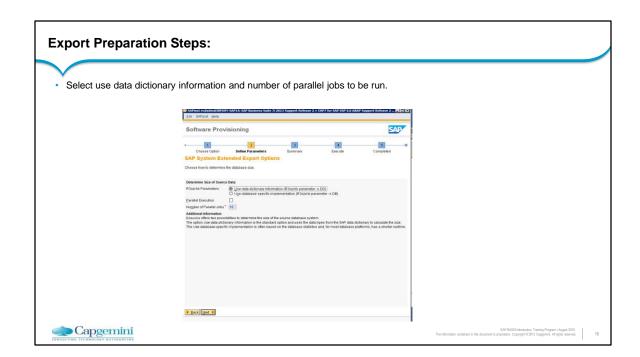


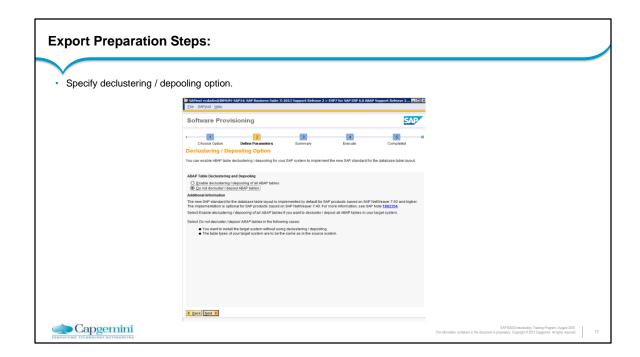


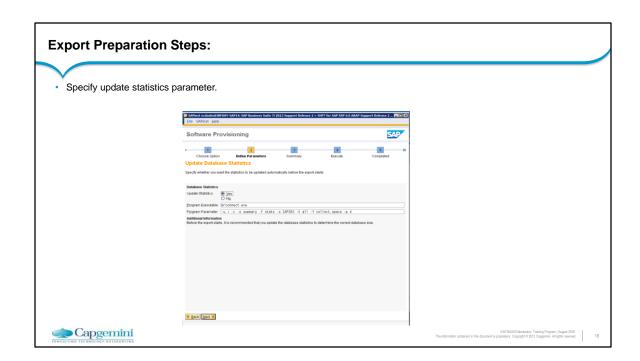


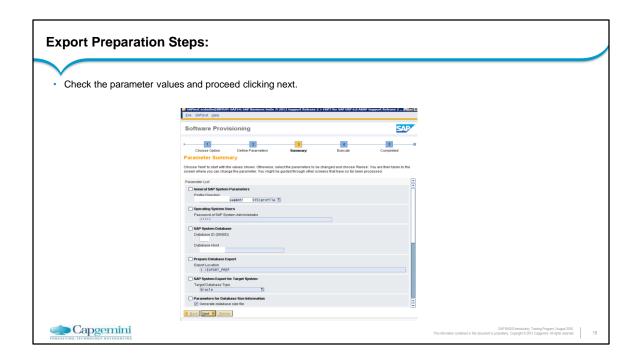












Export Preparation Steps:

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Once executed successfully, Proceed to Export Database Instance.

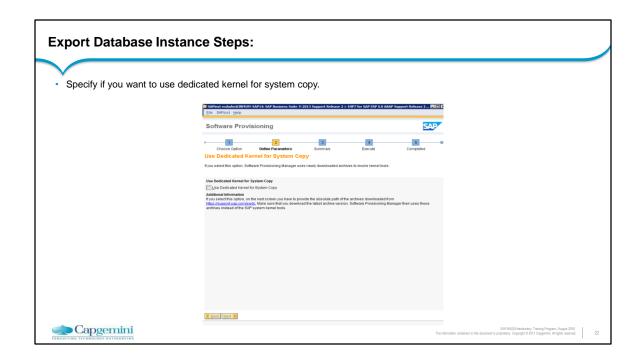


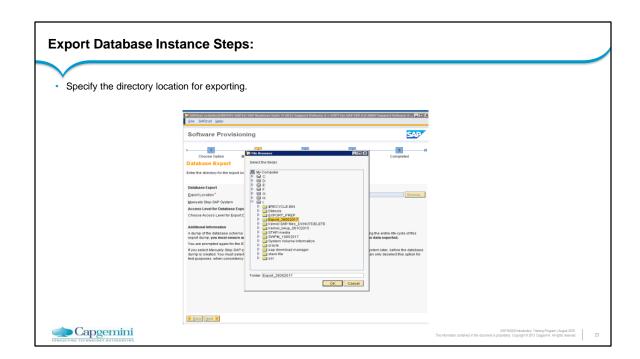
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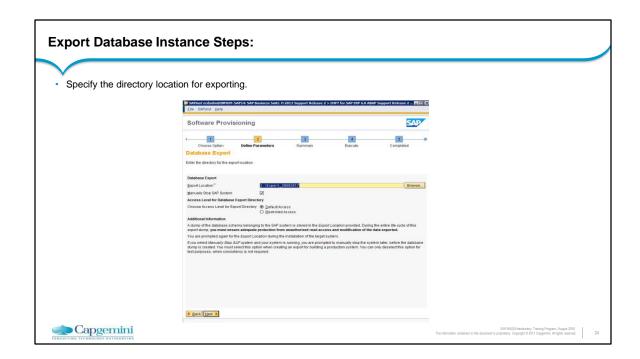
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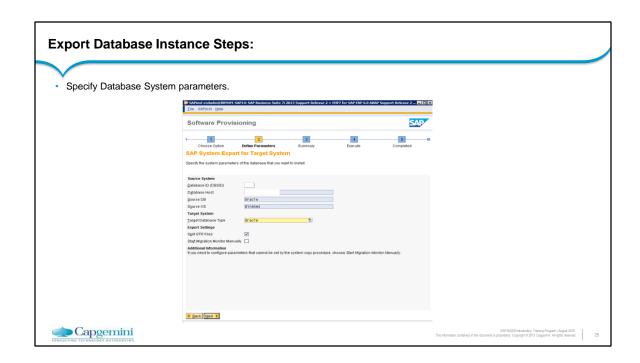
Choose Database Instance Export option under System Copy. | Compared Control of Co

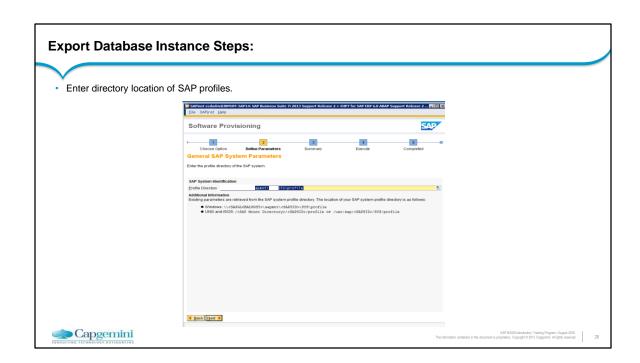
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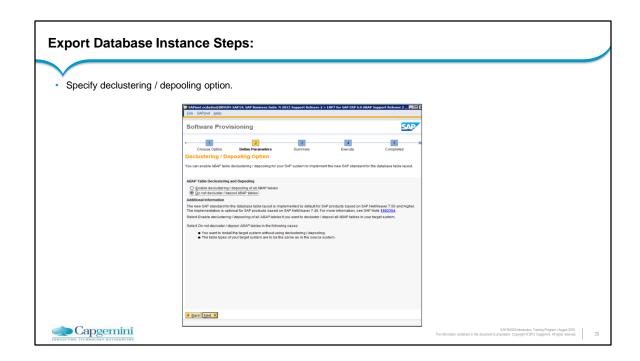


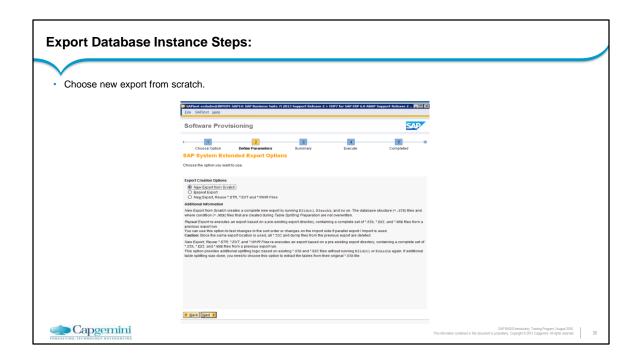








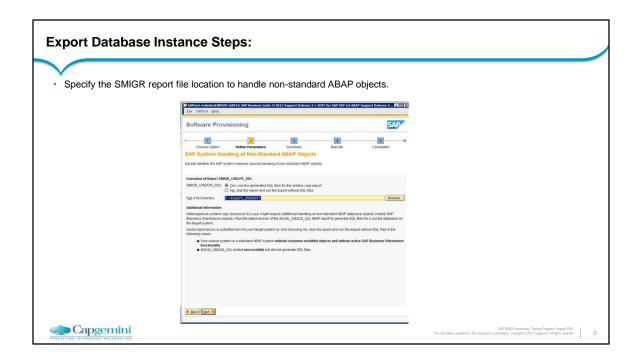


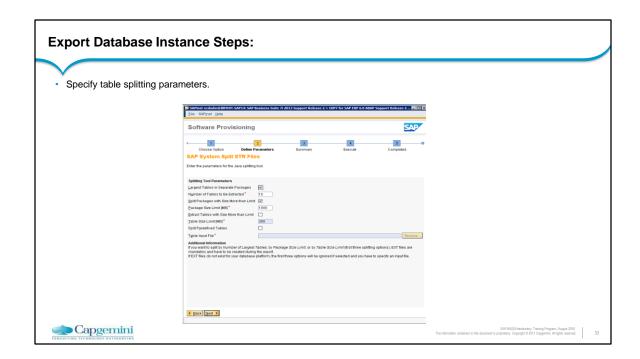


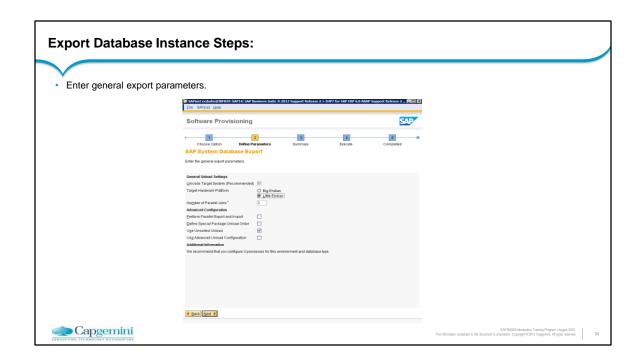
Select use data dictionary information and number of parallel jobs to be run. | Compared Compare

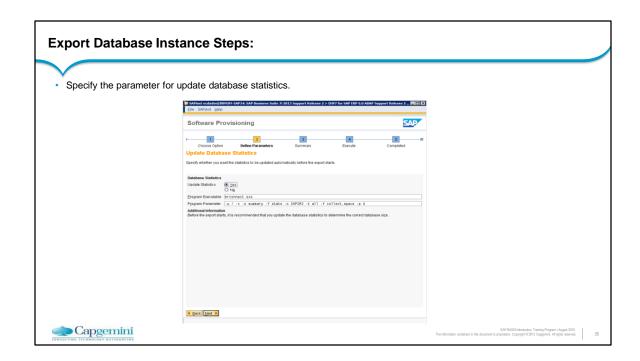
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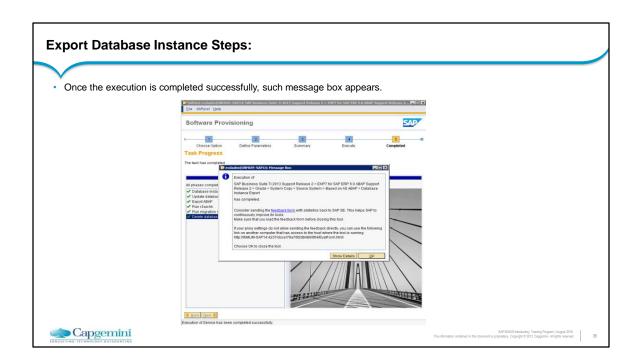
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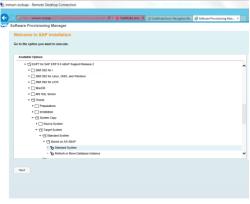






Import Steps:

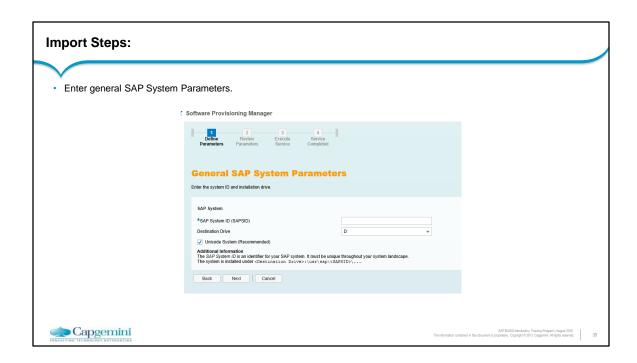
- Import is similar to SAP installation.
- Navigate to appropriate option and under system copy > Target System > Based on AS ABAP > Standard System.

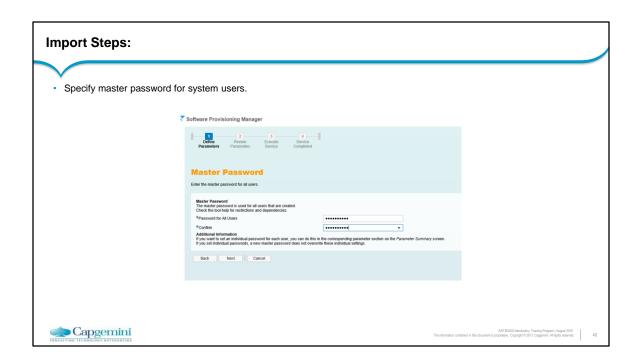


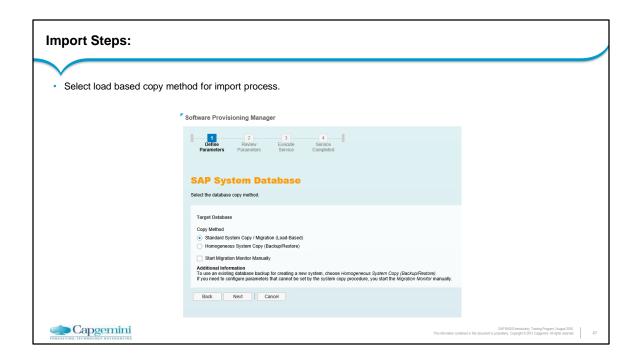


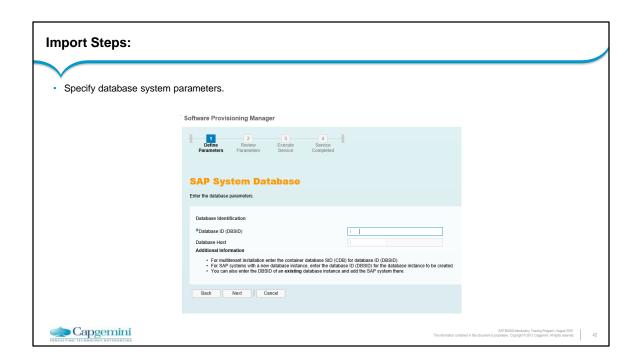
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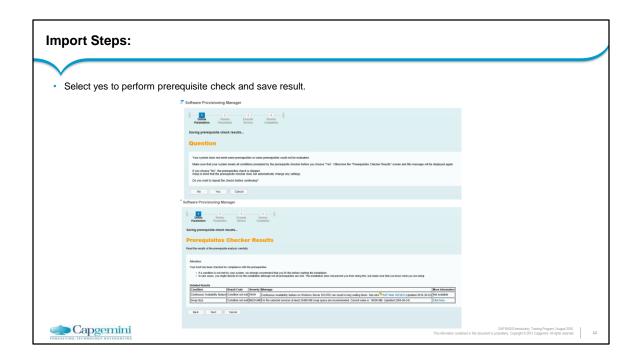


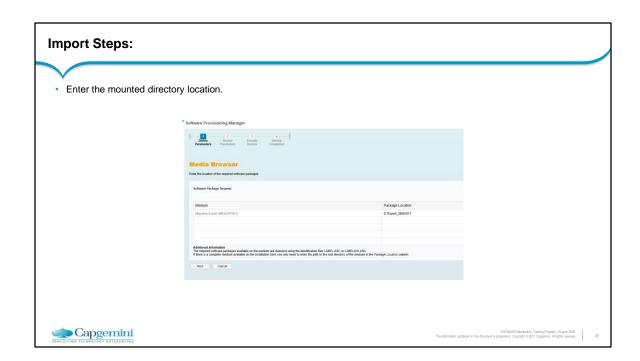
Import Steps: • Specify location of media files.



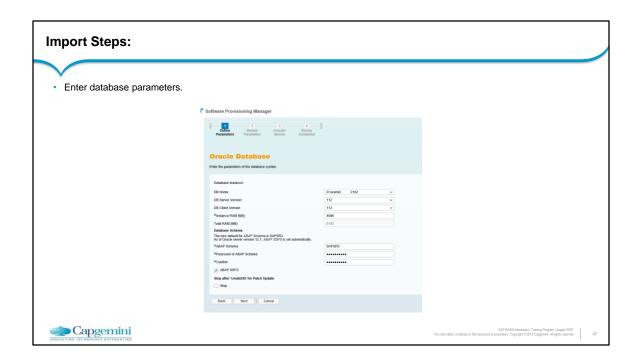


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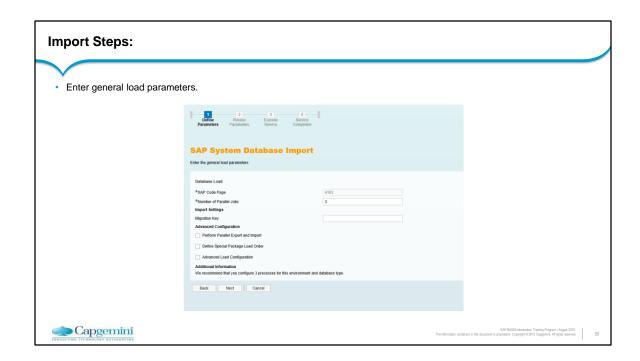


• Specify drive allocations for database files. - Specify drive allocations for database files. - Vacid Patabase Destination - Vacid Patabase Destination



Import Steps: • Select for No for Multitenant Database. ***Cacce Multitonant Database **To pursue | Provisioning Manager** **To pursue | Provi

e. Enter listener name, port and domain. **T Schwar Provisioning Manager** **Crack Listener Configuration** **Version where I remained in the Configuration** **T Schwar Provisioning Manager** **Crack Listener Configuration** **Version where I remained in the Configuration** **T schwar remained in our drager is due due to 1 (show or given to find at long to 1 (show or one to me on long induces to



Specify if SLD destination is to be maintained. **Topic of the SLD destination is to be maintained.** **Topic of the SLD destination for the SAP System OS Level **Topic of the SLD destination for the SL

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Import Steps:

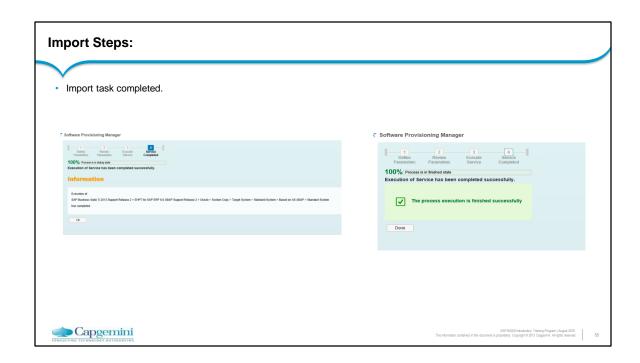
· Select default key generation option.

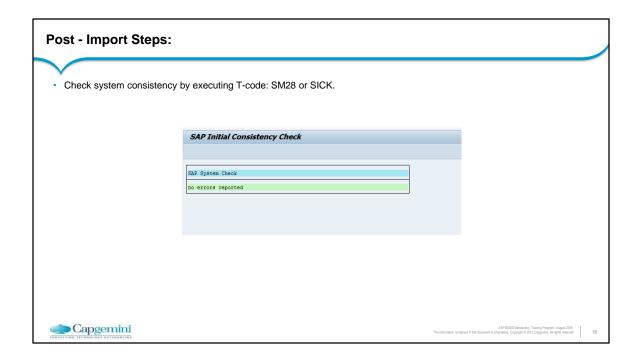


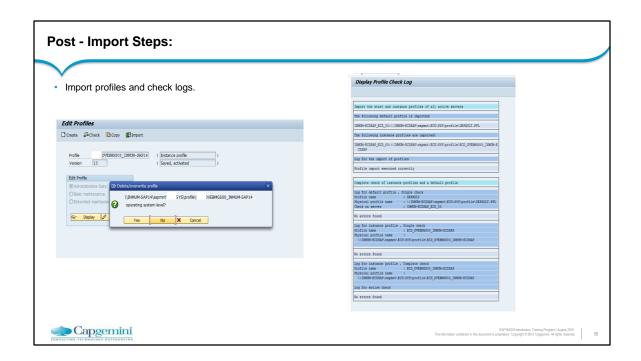


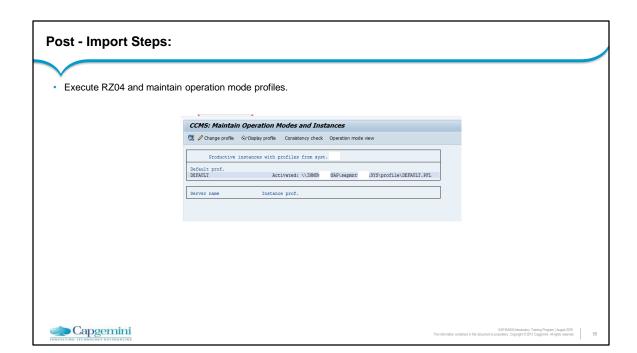
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• Check parameter values and proceed for import execution. **Parameter Stemany** | Parameter Stemany** | Para

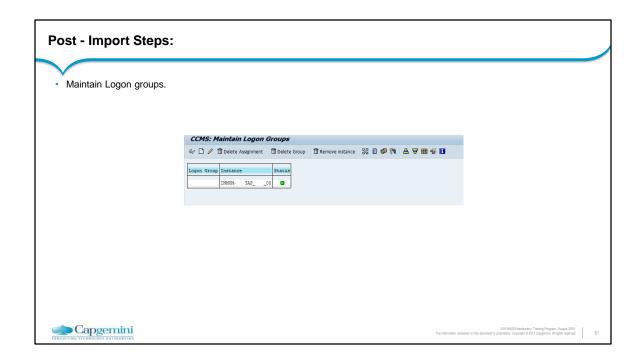


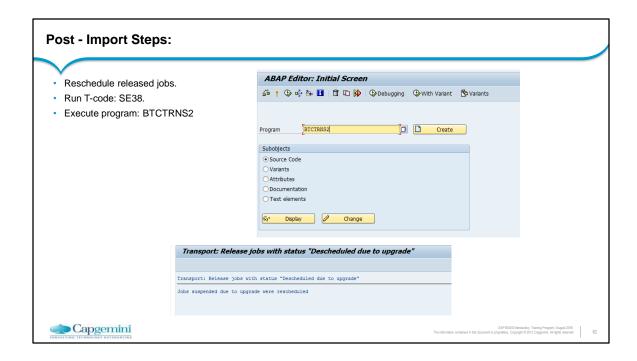


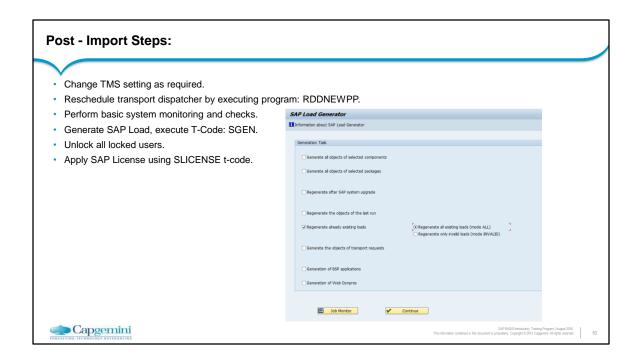


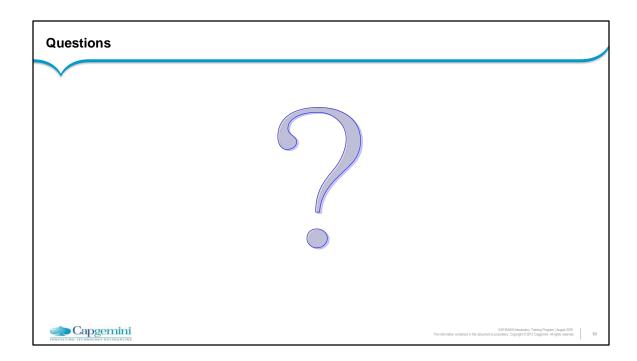


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