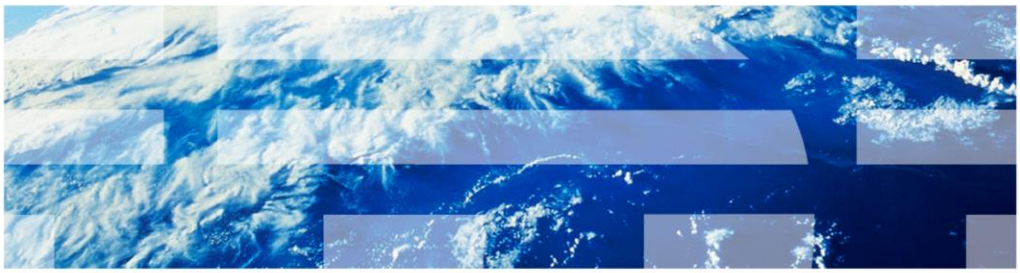
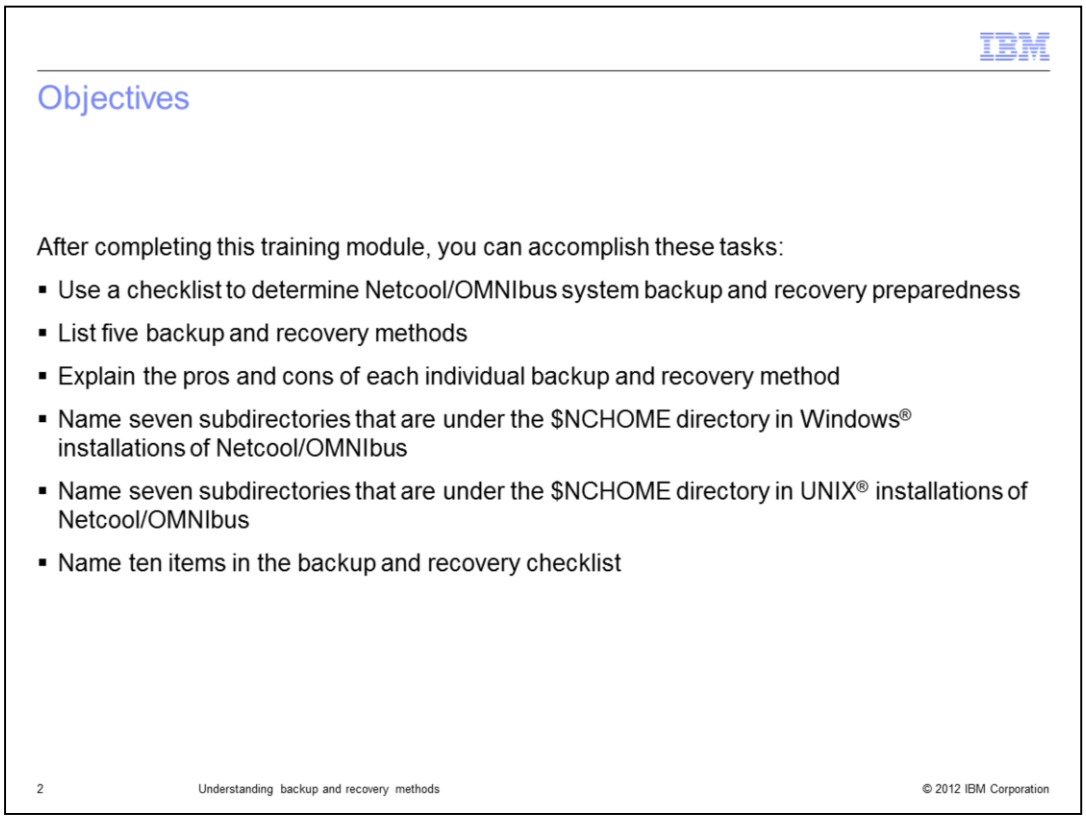
IBM

IBM Netcool/OMNIbus V7.3

Understanding backup and recovery methods



In this training module you will learn about IBM Netcool®/OMNIbus version 7.3 system backup and recovery methods.



After completing this training module, you can accomplish these tasks:

- Use a checklist to determine Netcool/OMNIbus system backup and recovery preparedness

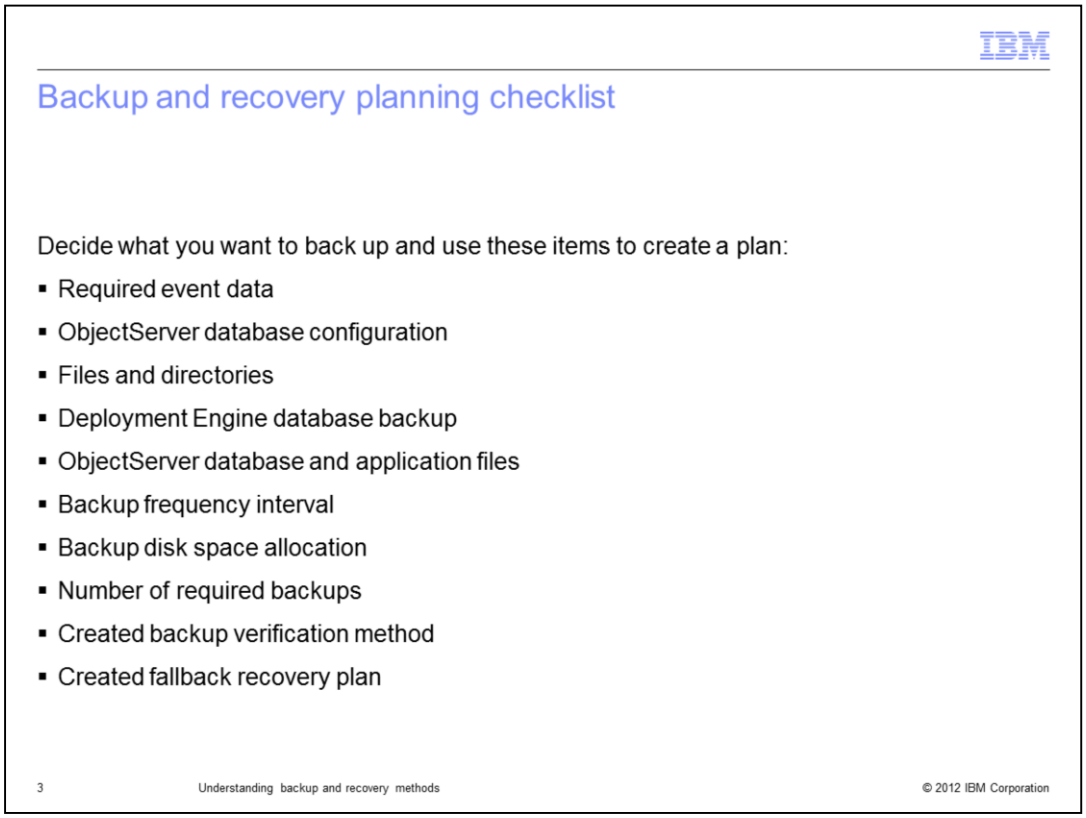
- List five backup and recovery methods

- Explain the pros and cons of each individual backup and recovery method

- Name seven subdirectories that are under the $NCHOME directory in Windows installations of Netcool/OMNIbus

- Name seven subdirectories that are under the $NCHOME directory in UNIX installations of Netcool/OMNIbus

- Name ten items in the backup and recovery checklist



When you create a backup and recovery plan, ensure that you obtain what you need to create your plan:

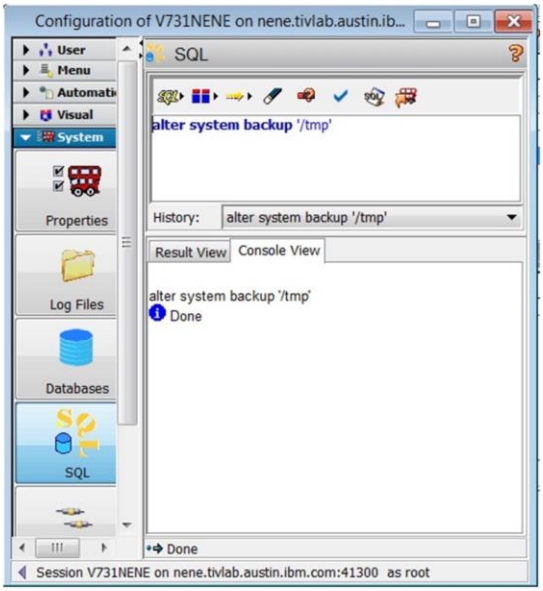
- Required event data
- ObjectServer database configuration
- Files and directories
- Deployment Engine database backup
- ObjectServer database and application files
- Backup frequency interval
- Backup disk space allocation
- Number of required backups
- Created backup verification method
- Created fallback recovery plan

ObjectServer database: Manual backup

- You initiate backup of the ObjectServer database from the nco_sql command-line interface or the Netcool administrator SQL interface

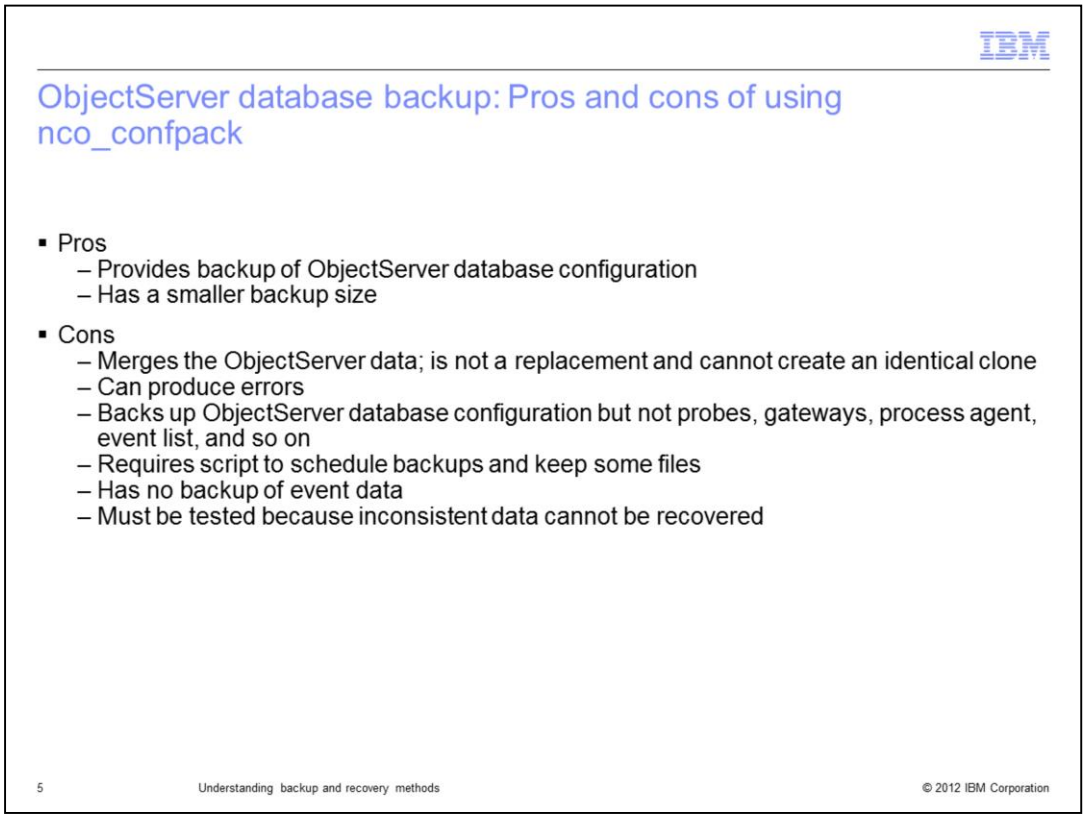
  ALTER SYSTEM BACKUP
  '*full_directory_path*'

- Two files are created in the directory path:
  - master_store.tab
  - table_store.tab

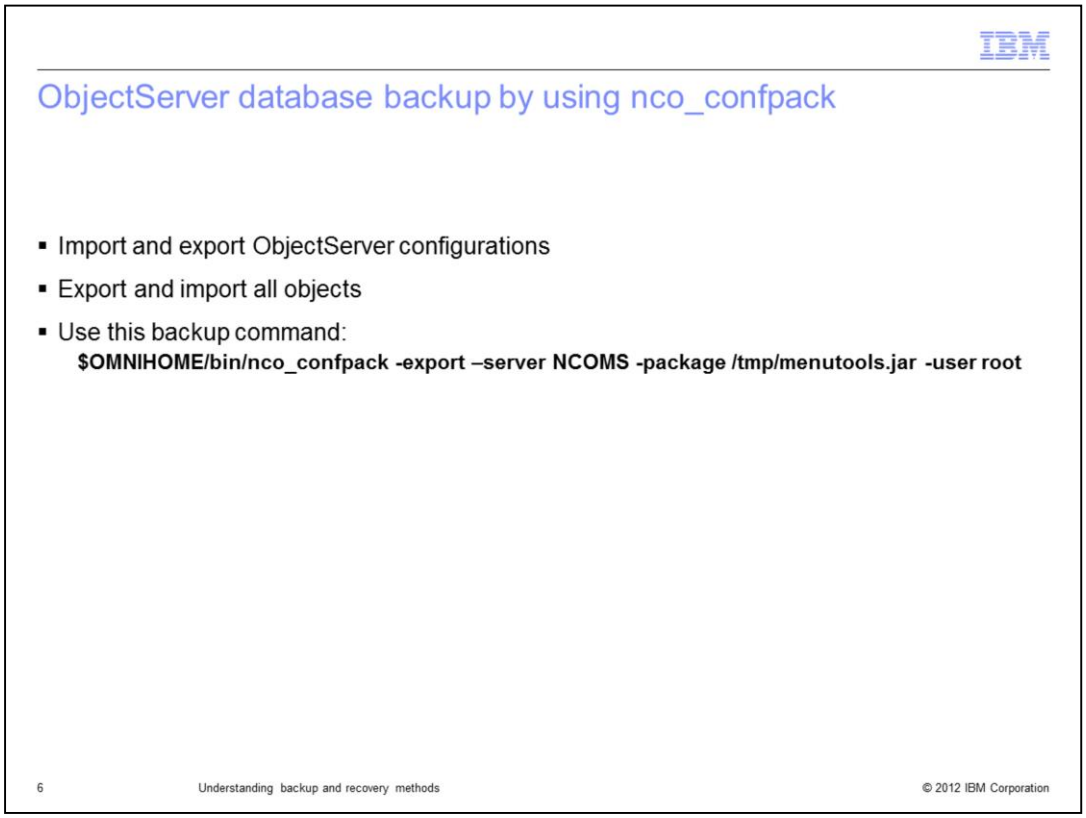


You can initiate a backup of the ObjectServer database from the nco_sql command-line interface or the Netcool administrator SQL interface.

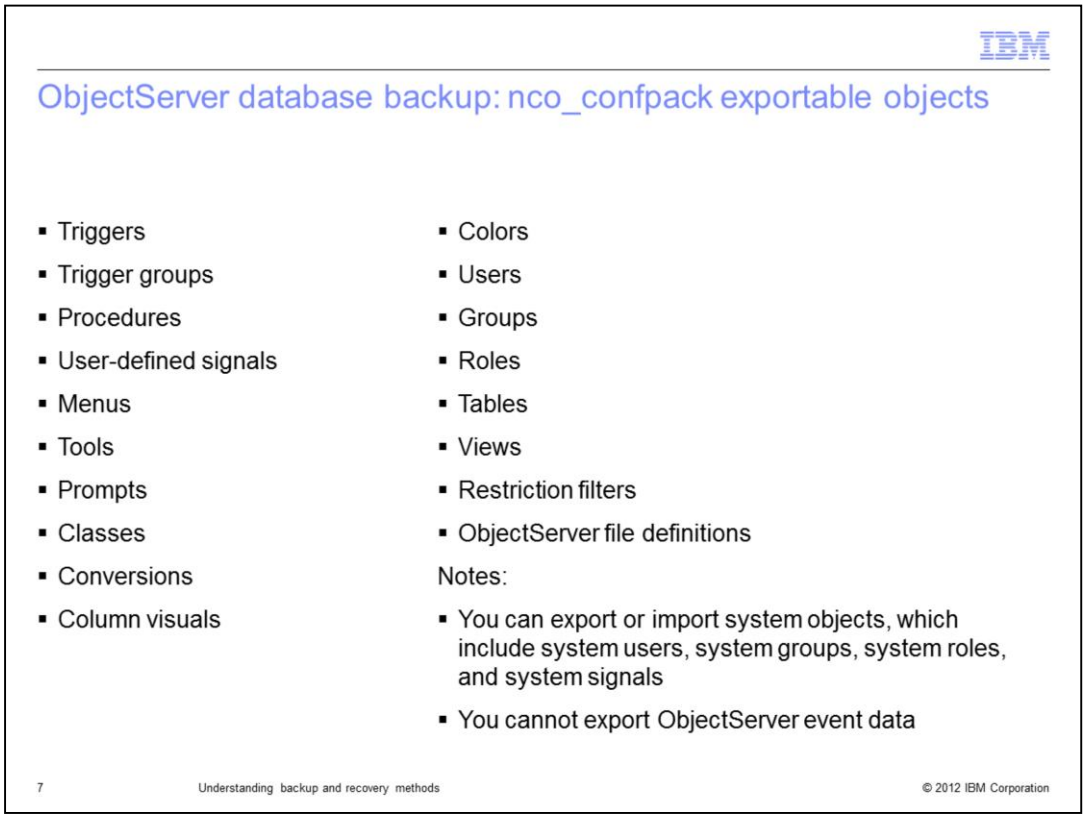
Use the command, ALTER SYSTEM BACKUP ‘full_directory_path’. The master_store.tab and table_store.tab files are created in the directory path.



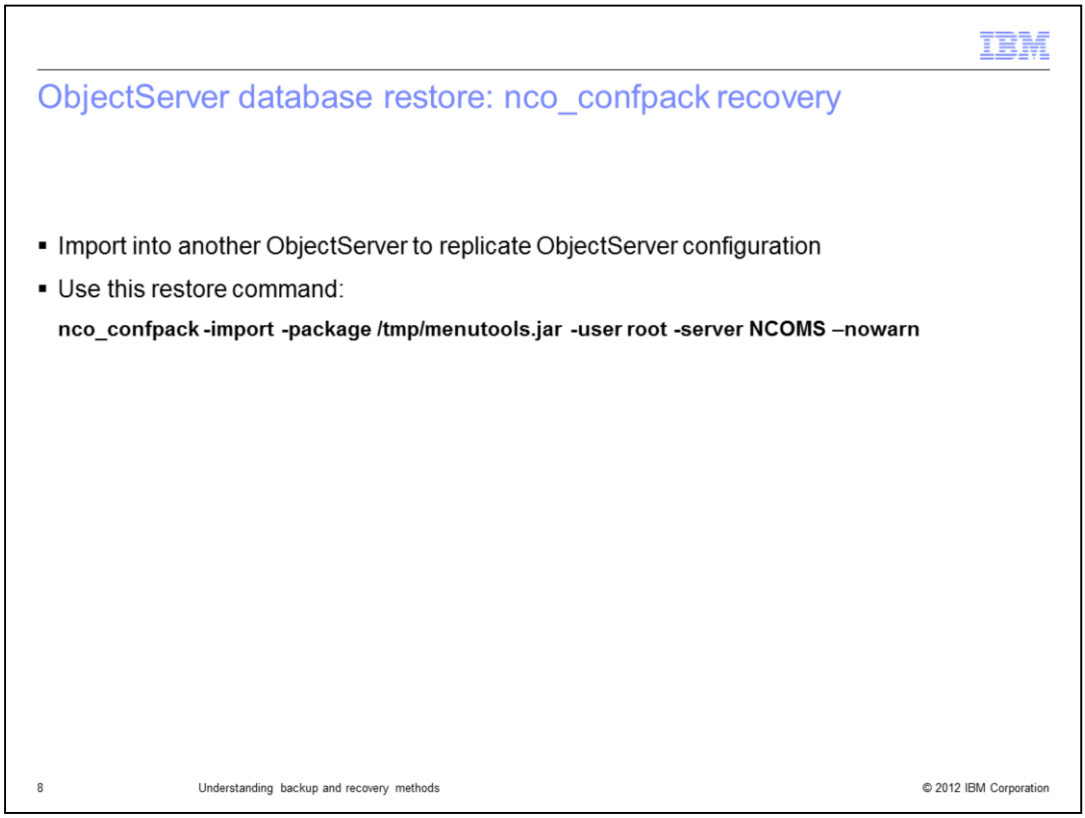
The nco_confpack utility creates a compact backup file of the ObjectServer database configuration. This utility merges the ObjectServer data. In doing so, it can create errors and it cannot create an identical clone. As with other utilities, it does not back up probes, gateways, and other system components. You also must test the backups that are performed with this utility to ensure data integrity.



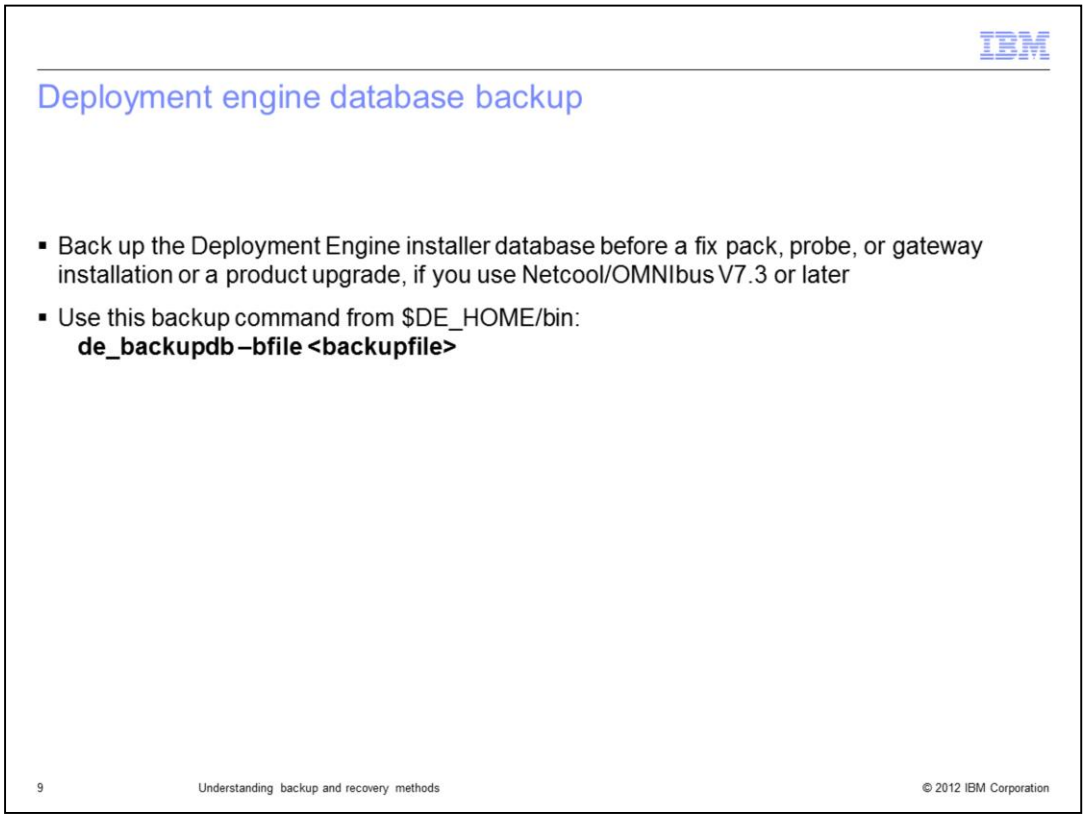
From the bin directory, the nco_confpack utility imports and exports all objects in ObjectServer configurations.



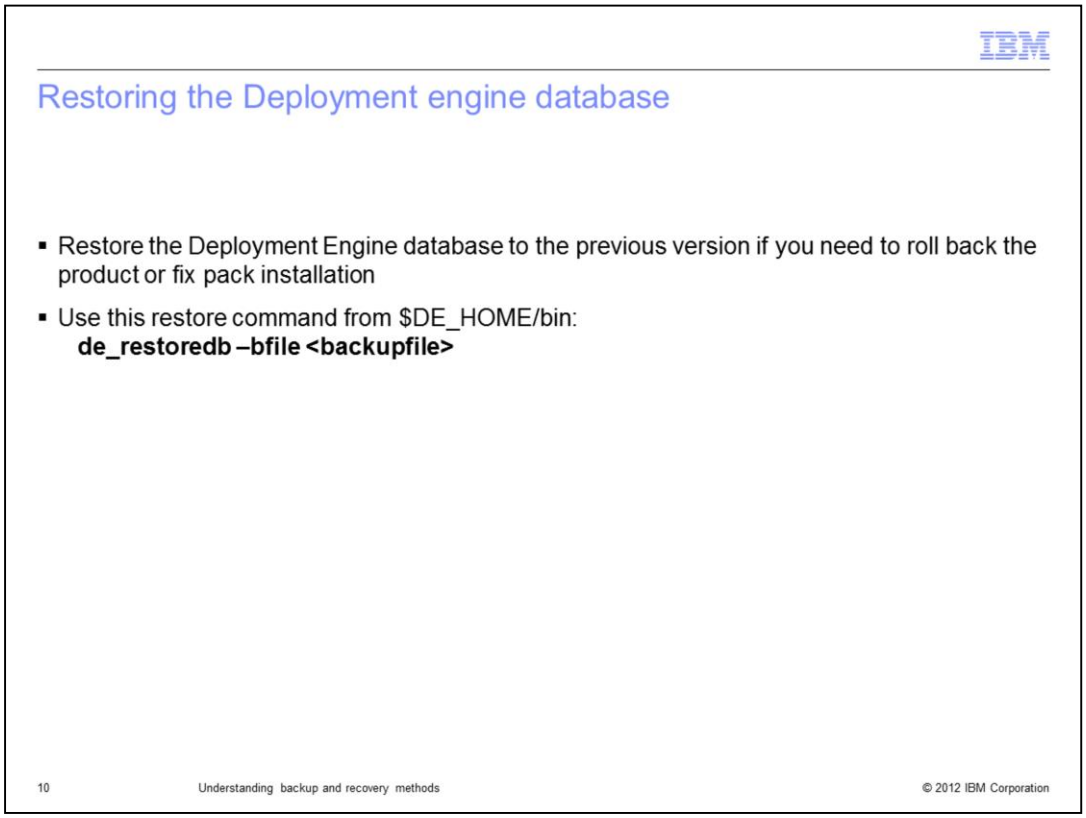
You can use nco_confpack to export these listed objects, however, you cannot export ObjectServer event data and certain system objects.



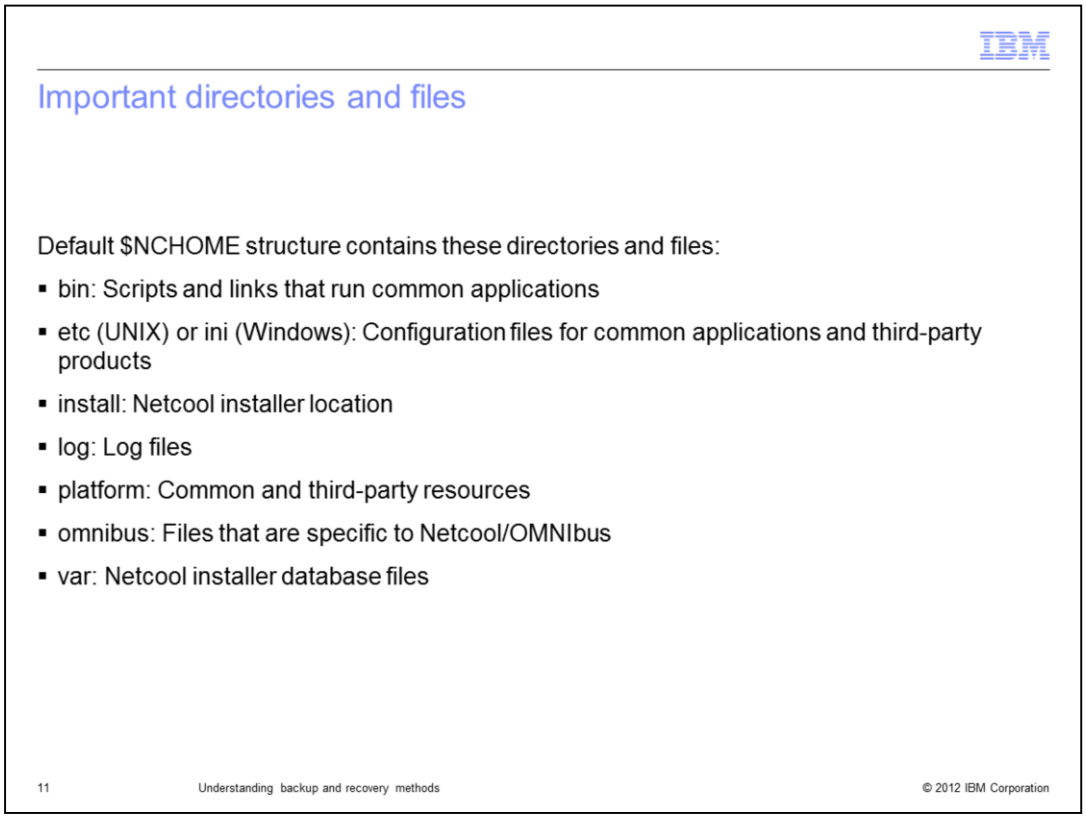
You can use nco_confpack for ObjectServer replication. The restore command is listed on the slide.



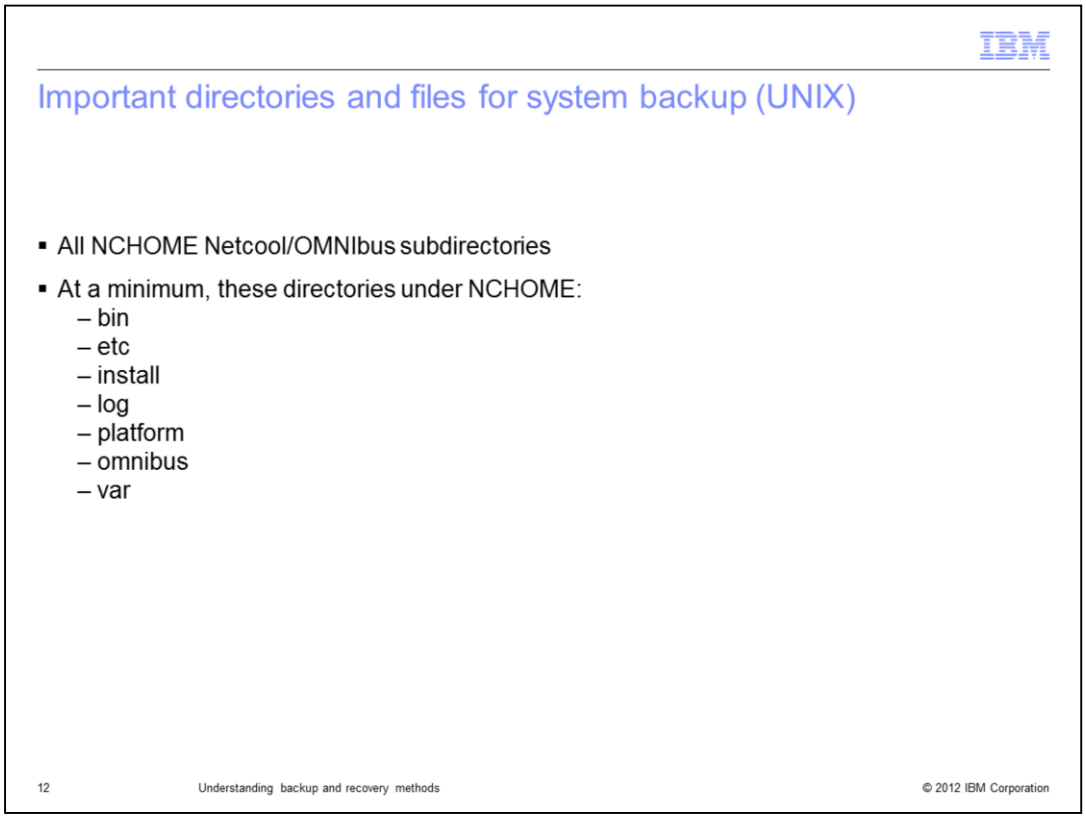
To back up the Deployment Engine database of a product release or fix pack installation, go to the $DE_HOME/bin directory. Enter the command de_backupdb -bfile<*backupfile*>, where *backupfile* is the actual name of the backup.



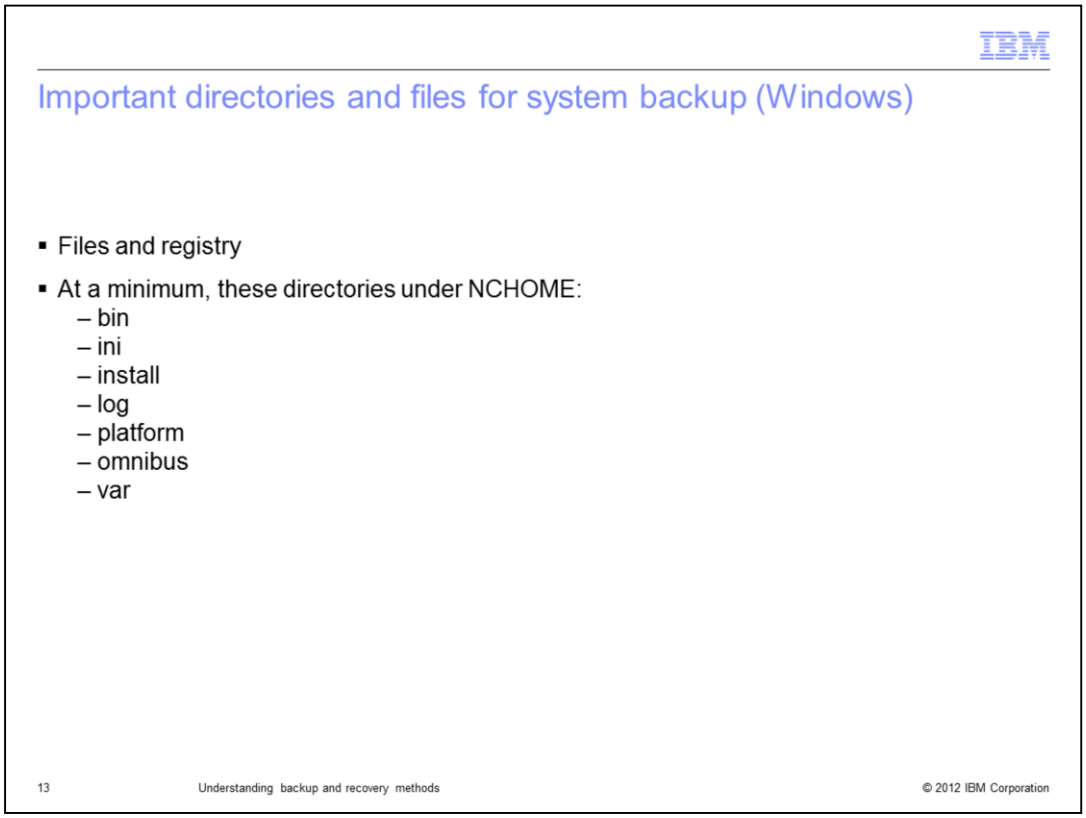
To restore the Deployment Engine database of a product release or fix pack installation, go to the $DE_HOME/bin directory. Enter the command de_restoredb -bfile<*backupfile*> where *backupfile* is the actual name of the backup.



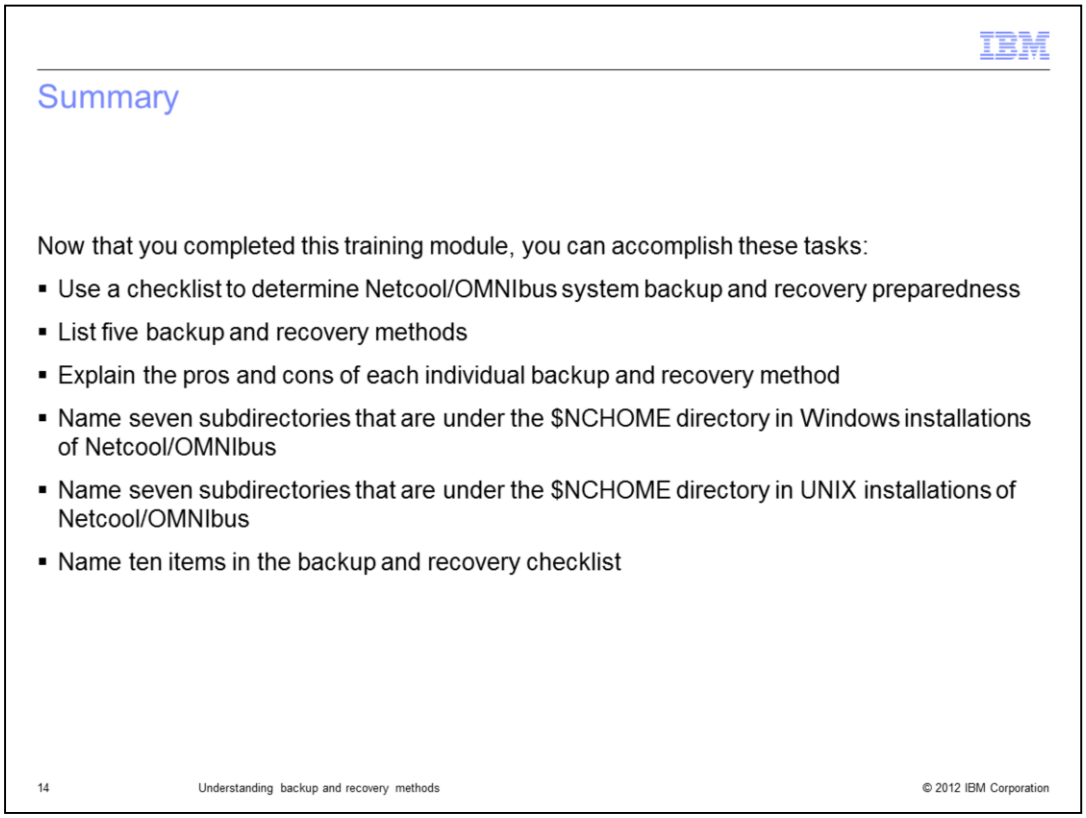
All important IBM Netcool/OMNIbus files and subdirectories are located in a directory named $NCHOME.



For a system backup of IBM Netcool/OMNIbus on a UNIX system, you must back up all the NCHOME subdirectories. At a minimum, back up the contents of the bin, etc, install, log, platform, omnibus, and var directories.



For a system backup of IBM Netcool/OMNIbus on a Windows system, you must back up files and the registry. At a minimum, back up the Windows registry and the contents of the bin, ini, install, log, platform, omnibus, and var directories.



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