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Syn-Apps Applications server build instructions

To install all Syn-Apps applications you need to complete the following steps for your OS installation.

Supported platforms:

- Windows 2000 server
- Windows 2003 server

Windows 2000 server instructions

To install your OS use all default options during the OS installation.
Make sure that you have selected Internet Information Services to be installed
After you have installed your OS install the Syn-Apps Core Components.

Your system is now ready for application installation.

Windows 2003 server instructions

To install your OS use all defaults during the OS installation.
Make sure you have selected Internet Information Services to be installed.
(Application Server Option)
Make sure you have selected ASP.net to be installed (Application Server Option)
Make sure you remove Internet Explorer Enhanced Security Configuration
After you have installed your OS install the Syn-Apps Core Components.

Your system is now ready for application installation

Backup and Recovery

To be able to recover your Syn-Apps applications after media failures you need to do the following:

- Backup your Syn-Apps setups and licenses
- Backup Syn-Apps application databases
- Backup Syn-Apps configuration settings

1. Backup Syn-Apps application databases

To backup your databases you need to:

- Using Enterprise Manager open your Syn-Apps database server.
- Select Management/Database Management Plans/New maintenance plan

- Select the databases that you want to backup. Include Syn-Apps application databases and other application databases you may have. Click Next.
- Update Data Optimization Information – Optional. Click Next.
- Database Integrity Check – Optional. Click Next.
- Specify the Database Backup Plan. Select “Back up the database as part of the maintenance plan” and “Verify the integrity of the backup on completion of the backup” Is better to backup to a tape device but if you don’t have one back up to disk. You should backup your databases on another disk than the one containing the database to be sure you don’t lose both your database and backups. Click Next.
- Specify Backup Disk Directory. Select the location of your backups. Click Next.
- Specify Transaction Log Backup Plan – Optional. Click Next.
- Reports to Generate – You have to generate reports to be sure that your backup procedure is really working. Add an operator with net send address or configure sql mail and add the administrator email then select “Send E-mail report to operator”. Click Next.
- Maintenance Plan History – Default should be ok. Click Next.
- Be sure to set SQL Server Agent service on Automatic to have it started at computer restart.
- It is strongly recommended that you test your backup procedure thoroughly. Be sure the backups are made and that you receive notifications containing the backup procedure results.

2. Backup Syn-Apps configuration settings

If you want to backup your settings you can export KEY_LOCAL_MACHINE/SOFTWARE/Syn-Apps key after every Syn-Apps application install or configuration and keep it in a safe location. For this you have to:

- Go to Start Menu/Run
- Run regedit
- Go to HKEY_LOCAL_MACHINE/SOFTWARE/Syn-Apps.
- With Syn-Apps key selected go to Registry Menu/Export Registry File... and chose the location for the registry file (.reg) containing the settings. The registry file contains unencrypted passwords so it’s recommended to keep it in a safe place.

3. Disaster recovery

If you lose only your databases you can restore them from the backup device.

If you lose your application files

- If you have a registry file containing Syn-Apps application settings you should run it on the computer that will host the Syn-Apps applications. These settings will be the defaults for the configuration application.
- Reinstall the applications using the existing databases. You need to install the same application version to be sure you can use your databases so you should keep your Syn-Apps setups and licenses in a safe location.

If you lose your databases and application files you should first restore your Syn-Apps databases from the backup support then run setup again to install the lost applications.