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| **New standards: Cornerstone installation** |

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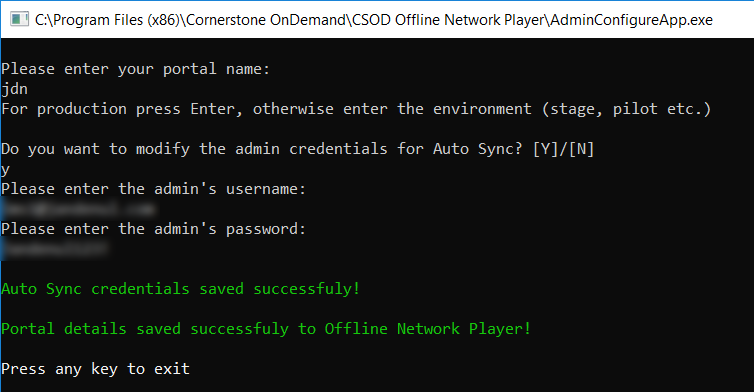
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# Intro

This manual focuses on the installation of the Cornerstone offline player. The software can be installed both on laptops or VM's.

# Prerequisites

1. The LMS server has been installed. (Latest WIN Server for the standard installed)
2. DNS records exist for LMS.
   1. A-Record: xxx-LMS01
   2. CNAME: LMS
3. A DHCP reservation exists (10.xxx.xxx.29).
4. AD Groups have been created:
   1. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_\_ALL\_R
   2. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_\_ALL\_W
   3. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_\_ROOT
   4. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_\_ROOT
   5. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_R
   6. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_W
   7. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_RS
   8. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_DB\_\_ROOT
   9. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_DB\_R
   10. xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_DB\_W
5. These AD users exists.
   1. [lmsuser@xxx.situs](mailto:lmsuser@xxx.situs)
   2. Srv\_lms@xxx.situs
6. Members have been added to the groups:
   1. NAME="$dc0-LMS01\_DATA\_APPDATA\_DB\_W" MEMBERS="LMSUSER,SRV\_LMS"
   2. NAME="$dc0-LMS01\_DATA\_APPDATA\_COURSES\_R" MEMBERS="LMSUSER"
   3. NAME="$dc0-LMS01\_DATA\_APPDATA\_COURSES\_RS" MEMBERS="LMSUSER"
   4. NAME="$dc0-LMS01\_DATA\_APPDATA\_COURSES\_W" MEMBERS="Elec"
7. Groups are located in the correct OU's:
   1. ou=xxx-LMS01,ou=LAD\_GAD\_UAD,ou=GROUPS,ou=\_CORP
   2. ou=LEVEL1,ou=xxx-LMS01,ou=LAD\_GAD\_UAD,ou=GROUPS,ou=\_CORP
   3. ou=LEVEL2-3,ou=xxx-LMS01,ou=LAD\_GAD\_UAD,ou=GROUPS,ou=\_CORP
8. Firewall policy exists (Crew-Lan: ANY to Admin-trust: xxx-LMS01)
9. Copy of the C:\Program Files (x86)\Cornerstone OnDemand\CSOD Offline Network Player to the LMS server **(never open the ONP on the LMS server!!!)**
10. Configure the “AdminConfigureApp.exe” on the LMS server with the CSOD service account. (make sure you run is as administrator)



1. Create a symbolic link & scheduled task with the Powershell ISE code below

Cmd /c mklink "$localappdatadir\Cornerstone\CSOD-DB-ONP" "E:\DATA\APPDATA\DB\CSOD-DB-ONP"

$UserName = "srv\_lms"

$Passwd = "password"

$action = New-ScheduledTaskAction -Execute 'C:\Program Files (x86)\Cornerstone OnDemand\CSOD Offline Network Player\CSODONPAutoSync.exe'

$trigger = New-ScheduledTaskTrigger -RepetitionInterval (New-TimeSpan -Hours 3) -At '01:00:00' -Once

$setting = New-ScheduledTaskSettingsSet -ExecutionTimeLimit (New-TimeSpan -Hours 1) -AllowStartIfOnBatteries -StartWhenAvailable

$SecurePassword = ConvertTo-SecureString $Passwd –AsPlainText –Force

$Credentials = New-Object System.Management.Automation.PSCredential -ArgumentList $UserName, $SecurePassword

$Password = $Credentials.GetNetworkCredential().Password

Register-ScheduledTask -Action $action -Trigger $trigger -Settings $setting -TaskName "CornerstoneAutoSync" -Description "CornerstoneAutoSync" -User "srv\_lms" -Password $Password

# Server Folder permissions

Read and write permissions:

|  |
| --- |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_\_ALL\_R |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_\_ALL\_W |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_\_ROOT |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_\_ROOT |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_R |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_W |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_COURSES\_RS |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_DB\_\_ROOT |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_DB\_R |
| xxx\_GAD\_xxx-LMS01\_DATA\_APPDATA\_DB\_W  voorbeeld van RS rechten |
|  |

# CSOD player installation

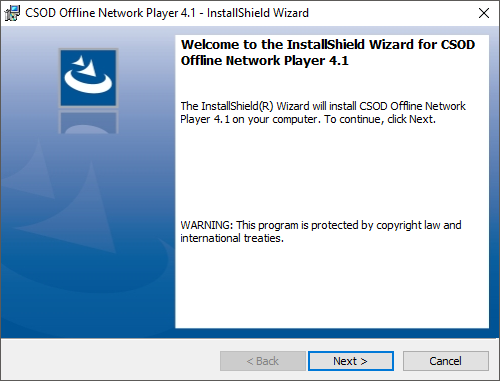
1. Push the software on the laptops and XXX-ELEC01 through Altiris

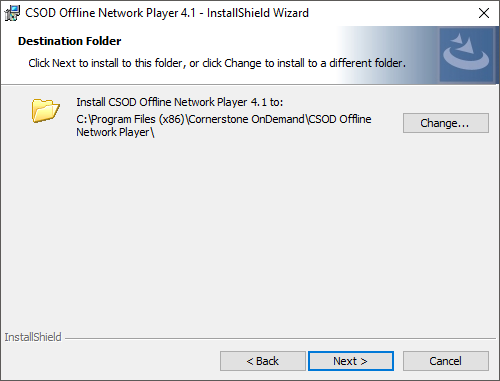
!!!!!!!!!!!!!!!

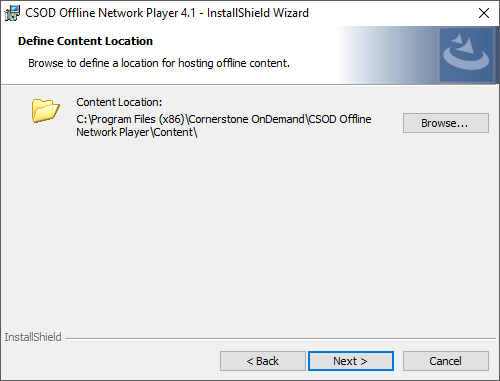
IF IT’S NOT POSSIBLE TO PUSH THE SOFTWARE DO THE FOLLOWING STEPS

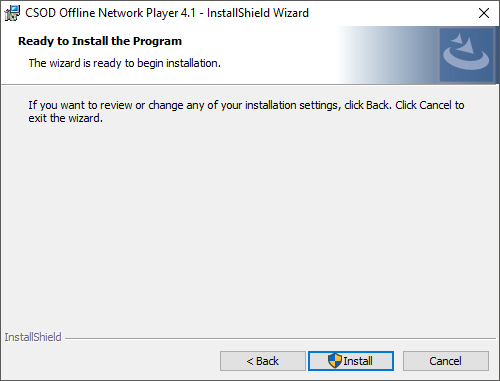
!!!!!!!!!!!!!!!

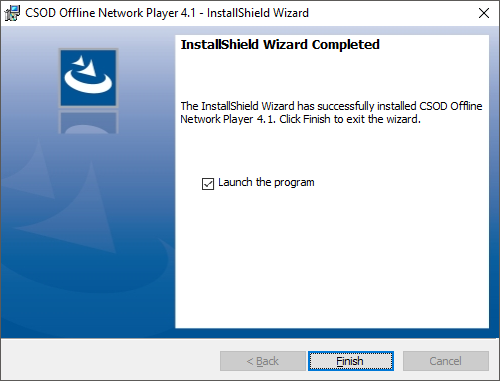
1. Copy the software from [\\jdn-file01\Ict\_New\_Standard\_Sites\_Vessels\Software\Current\Cornerstone](file://jdn-file01/Ict_New_Standard_Sites_Vessels/Software/Current/Cornerstone)
2. Extract the archive and run setup.exe.
3. Next, Next, Next, Install, Finish (provide admin credentials if needed):







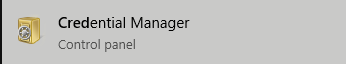


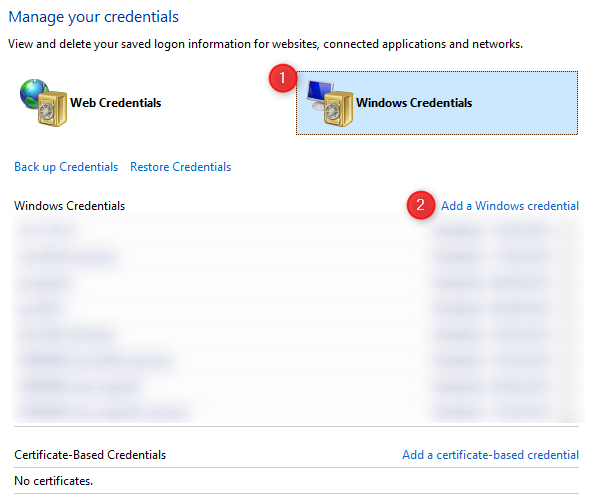


1. Quit the application (it had to be opened first time because it will create config files).
2. Now the software is installed and you can start configuring it.

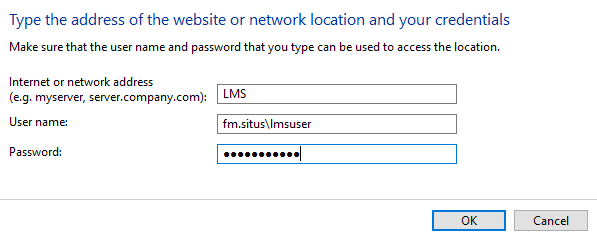
# Create stored credentials

1. Add a stored credential for the connection to the LMS server. This only has to happen on laptops, not on the elec VM!





* 1. Address: LMS
  2. User name: xxx.situs\lmsuser
  3. Password: <lmsuser password>



# Modify configuration files – NOT WHEN PUSHED

1. Modify the PlayerSettings.ini file:
   1. By default located in *C:\Program Files (x86)\Cornerstone OnDemand\CSOD Offline Network Player*
   2. Change the parameters to

PlayerType=OFFLINE\_NETWORK

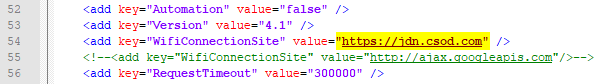
NetworkPath=\\lms\DATA\APPDATA\COURSES

WindowTitle=Jan De Nul Academy

LoginMethod=CRED

BrandColor=#BA0C2F

1. Modify the Cornerstone.DesktopPlayer.exe.config file:
   1. By default located in *C:\Program Files (x86)\Cornerstone OnDemand\CSOD Offline Network Player*
   2. Change the WifiConnectionSite value to ' https://jdn.csod.com ':

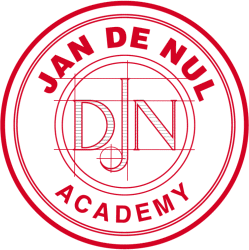


And add te following keys (also under appSettings)



1. Replace the logo under:
   1. C:\Program Files (x86)\Cornerstone OnDemand\CSOD Offline Network Player\www\resources\images

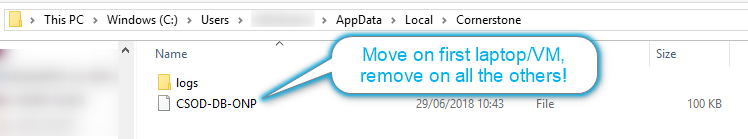
Example:



# Create symbolic link to DB

By default, the application will connect to a local database that is created during the installation. On the first laptop/VM, this one will have to be moved to [\\LMS\DATA\APPDATA\DB\](file:///\\LMS\DATA\APPDATA\DB\)

On every following laptop/VM, the file can be simply removed.



To point Cornerstone to the database on the network, you'll have to create a symbolic link to it. Use the following command in cmd to do this (after you've removed the local db file):

Command prompt

mklink "C:\Users\*<username>*\AppData\Local\Cornerstone\CSOD-DB-ONP" "\\LMS\DATA\APPDATA\DB\CSOD-DB-ONP"

Powershell

Cmd /c mklink " C:\Users\*<username>*\AppData\Local \Cornerstone\CSOD-DB-ONP" "\\LMS\DATA\APPDATA\DB\CSOD-DB-ONP"

# Whitelist the laptops on the crewlan wifi

If laptops are provided, their MAC addresses will have to be added to the MAC filter of the crewlan wifi network on board. Connect to the Aruba controller and add them.

# Course Content

Check with SE what the status is of the Altiris pushing project

# Tests on-board

Is it possible to connect to the following webpages:

<https://jdn.csod.com/client/JDN/default.aspx>

<https://jdn-pilot.csod.com/client/JDN/default.aspx>

<https://eacademy.jandenul.com>

<https://sso.jandenul.com>