

**Migrating a Server from the Admin VLAN to the  
Curriculum VLAN on the CCN Network**

**ELH ICT Service**



Cambridgeshire  
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### Important Notice:

**Please note this task should only be carried out by a trained competent IT professional. Failure to do it correctly could result in a loss of critical data or compromise your server and network security. Should you require any help or assistance please contact the technical support team through the ICT Service Helpline on 01480 376650.**

## 1. Changes to the server

- The Server should be connected into a curriculum port on the switch.
- Change the servers TCP/IP settings to the appropriate curriculum settings using the Curriculum Default gateway and its own IP as the primary DNS if it is doing DNS forwarding. Change the Secondary DNS to be 172.31.252.1 and the third DNS lookup to be 172.31.252.2.
- Ensure the server can ping the NTL router's curriculum interface.
- Ensure the server is able to perform an nslookup and receive a reply from the DNS servers.

## 2. Changes to the Admin PC's connecting to the domain.

- Change the PC's TCP/IP settings to have the Curriculum Server as the Primary DNS entry, with 172.31.252.1 as the secondary and 172.31.252.2 as the third lookup.
- Edit the Host file and enter the following line at the bottom, replacing the Xs with the correct IP and DFEE:  
10.X.X.X XXXXsvr001
- Edit the lmhosts file and enter the following line, replacing the Xs with the correct IP, DFEE and domain name:  
10.X.X.X XXXXsvr001 #PRE #DOM:XXXX
- Make sure that both files are saved without a file extension. If left with the ".sam" file extension windows will not know to use the file.
- Ensure the computer can ping the NTL router's admin interface.
- Ensure the computer is able to perform an "nslookup" and receive a reply from the DNS servers.
- Once you have made these changes and restarted the computer, you should be able to log into the domain as usual.

## 3. FMS changes

- If you are running FMS from the Curriculum server you will need to add the SQL switch in order for FMS to find the database from an Admin machine. Do the following:
- Go to "ODBC data sources". (Start/settings/control panel/administrative tools/ data source ODBC)
- Under System DSN select SIMS32 and press "configure"
- Select "options" and in the "start command" box you will find this line:  
C:\SQLANY50\win32\dbclient.exe -ta 600 -x
- At the end of this line without leaving a space you should enter this text replacing the Xs with the correct school DFEE, you should also check that the Sims server is called SIMS\_Server: TCPIP{HOST=XXXXsvr001;DOBROADCAST=NO} SIMS\_Server. You should now be able to access the FMS SQL database on the server.

#### 4. Common Platform 3 changes

- If SIMS is running on the server and you have common platform 3 components installed you will need to do the following:
- Go to “ODBC data sources”. (Start/settings/control panel/administrative tools/ data source ODBC)
- Under “user DSN” select “MQIS” and select “configure”
- Enter the following information:
- NAME: MQIS
- SERVER: You should enter the name of the server first, not the IP address followed by “\SIMS” eg. “2222SVR001\SIMS”
- Click “Next”
- Check the box marked “With SQL Server authentication using a login ID and password entered by the user.”
- Click “Client Configuration”
- Uncheck “Dynamically determine port” and enter “1295” for “Port number”
- Press “OK”
- Check the box “Connect to SQL Server to determine default settings for the additional configuration options”
- Enter the username and ID for the server. Usually “SA” as the username and a school defined password.
- Click “Next”
- Check the box “Change default database”
- The default database should be “SIMS”
- Click “Next”
- Click “Finish”
- Click on “Test Data Source”. The result should be returned as “Tests completed successfully”
- Click “OK” to the remainder of the dialog windows.
- You should now be able to access the SQL database for Common platform 3.
  
- **Note that if the MQIS entry does not exist you should create one and enter the details above.**