



# ENTRÉ

## PRE-UPGRADE CHECKLIST



# COMPLETE THE ENTRÉ PRE-UPGRADE CHECKLIST

There are a few things you need to check before you begin upgrading Entré. As an Entré Certified Technician, make sure you review and complete all the necessary tasks in this document before continuing with the upgrading process.

## FIND THIS INFORMATION

What is the currently installed Version of Entré? \_\_\_\_\_

What is the Entré serial number for the site? \_\_\_\_\_

### SQL Server

Is SQL on the same machine as the Application Server? \_\_\_\_\_

What version of Windows operating system are you running? \_\_\_\_\_

What version of SQL are you running? \_\_\_\_\_

What is the size of the Entré database? \_\_\_\_\_

What is the total memory of the operating system? \_\_\_\_\_

- › **At least 4GB should be allocated to the operating system.**

What is the minimum memory allocated to SQL? \_\_\_\_\_

- › **It should be set to the same as maximum.**

What is the maximum memory allocated to SQL? \_\_\_\_\_

- › **It should never be higher than the total memory minus 4GB for the operating system overhead.**

What model is the processor (s)? \_\_\_\_\_

How many processors (cores) do you have? \_\_\_\_\_

What is the maximum degrees of parallelism set in SQL (MaxDOP)? \_\_\_\_\_

- › **This should never be higher than 25% of the maximum.**



**For more Information:** Visit <https://docs.microsoft.com/en-us/sql/database-engine/configure-windows/configure-the-max-degree-of-parallelism-server-configuration-option?view=sql-server-2017>

Do you use the Reporting Services client? \_\_\_\_\_

- › **If the Reporting Services client is installed but not being used, be sure to un-install it.**

Is the recovery model Simple? \_\_\_\_\_

- › **If your answer is no, set it to Simple.**

Is Auto-Close on SQL set to False? \_\_\_\_\_

- › **If your answer is no, set it to False.**

How is the Temp DB configured? \_\_\_\_\_

- › **There should be one data file for every processor core, and that file should not be on the same drive as the database.**

If you're using a Virtual machine for SQL, is Resource Allocation (processors, RAM, etc.) configured to Statically assign? \_\_\_\_\_

- › **If your answer is no, set it to Statically assigned, not Dynamic.**

## **Application Server**

Is the Application Server on the same machine as SQL? \_\_\_\_\_

What version of Windows operating system are you running? \_\_\_\_\_

What model is the processor(s)? \_\_\_\_\_

How many processors (cores) do you have? \_\_\_\_\_

What is the total memory? \_\_\_\_\_

How much drive space is available? \_\_\_\_\_

Is Java installed? If yes, what version? \_\_\_\_\_

- › **Remove or configure Heap memory sizes.**

If you're using a Virtual machine for SQL, is Resource Allocation (processors, RAM, etc.) configured to Statically assign? \_\_\_\_\_

- › **If your answer is no, set it to Statically assigned, not Dynamic**

## **Clients**

What version is the operating system? \_\_\_\_\_

What is the total memory? \_\_\_\_\_

How many clients are currently installed? \_\_\_\_\_

**Apache Tomcat Web Client Server**

Are web clients used? \_\_\_\_\_

Does Apache Tomcat have its own dedicated server? \_\_\_\_\_

Have the Tomcat Configurations from [DMP.com/Entre](http://DMP.com/Entre) been applied? \_\_\_\_\_

**Server Traffic**

How many Doors are currently programmed in Entré? \_\_\_\_\_

How many Badges are currently programmed in Entré? \_\_\_\_\_

How many panels are currently programmed in Entré? \_\_\_\_\_

How many Events take place per day? \_\_\_\_\_

**COMPLETE THESE TASKS**

- All the latest Windows Operating Systems and SQL Service Packs along with their updates have been downloaded and installed.
- All security Patches have been applied.
- The system has been rebooted and stable for at least 48 hours.
- The SQL database has been backed up.
- The server has a System Restore Image created and has been tested and verified to work.
- IT Staff is on hand and available.

› **Network Administrator, Database Administrator, System Administrator**



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