



Energy Portfolio Management

Operations Server Certified Environments

Release 5.7.0.0

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Chapter 1: Overview

Purpose

This document contains the current certification levels for the Retail Operations/CSB/DRMS/Market Operations Server (from here on referred to as EPM Ops Server). Certifications levels for other ABB software can be found in the certified environments documentation for that software.

Certification Policy

ABB is committed to delivering stable, technically current solutions to its clients. This includes the certification of ABB products on computer platforms and the use of third-party software products. As part of the General Availability (GA) release process, ABB reviews the current list of certified platforms and software, and changes the list as needed. The primary driver for change is the degree of support provided for the platform/software by the third-party vendor. Vendor platforms and software that are reaching the end of their lives are dropped from certification and newer versions are added.

The following links provide information on specific vendor lifecycle policies. These policies are considered when ABB prepares the certification levels for each release.

For more information on Microsoft support, refer to the Microsoft Lifecycle policy and schedule:

<http://support.microsoft.com/lifecycle/>

All de-support advisories and notices are available in Certify (via MetaLink) by following this path after logging into MetaLink:

Certify & Availability > View Certifications by Product > Desupport Advisories and Notices

Product Support

ABB makes every effort to identify and resolve any known issues found in the release-development cycle. ABB's support classification reflects the degree to which a platform/software product combination has been tested. There are two levels of product support: Supported and Certified.

Supported

"Supported" means that while ABB has not installed and performed testing on that specific platform, the company does not envision any issues with its use and will maintain the product on that platform. Because use of the supported platform is less widespread, clients might encounter problems that are platform-specific and require assistance from the vendor (for example, Microsoft) to repair. The possibility that a vendor-supplied patch will be needed is also greater, hence a longer turn-around time for maintenance fixes.

Certified

"Certified" means ABB has installed and extensively tested a given platform using specific combinations of ABB products and third-party software. As a result, clients can take a higher degree of confidence in the stability of a product on a platform that has been Certified.

Chapter 2: EPM Ops Server Certification

Software and Hardware Platforms for EPM Ops Server

This table lists the various software and hardware platforms against which the EPM Ops Server is certified. Client is required to provide and support the following operating environment:

Client Workstation Configuration

	Minimum Requirements
Operating System:	Certified: Windows 10
CPU:	Dual Core 2 GHz or faster 64-bit (x64) processor
Memory (RAM):	4.0 GB
Internet Browser:	Certified: Microsoft Internet Explorer 11.0 or Microsoft Edge
Other Software:	Certified: Java Runtime Environment v11 (Oracle, OpenJDK, or Azul Zulu Community)

Application Server Configuration

	Minimum Requirements
Operating System:	Certified: Windows 2019 Server Certified: Windows 2016 Server Certified: Windows 2012 Server
CPU: ¹	Dual Core 2 GHz or faster 64-bit (x64) processor
Memory (RAM):	4.0 GB
Hard Drive:	100+ GB hard drive with backup
Other Software:	Certified: Java Runtime Environment v11 (Oracle, OpenJDK, or Azul Zulu Community) Certified: Tomcat v9 PL/SQL editor (e.g. Oracle SQL Developer, Toad, PL/SQL Developer, etc.)

¹ The Application Server can be virtual (using VMWare or other virtualization software). The host server should provide resources to the virtual server comparable to those described above.

Database Server Configuration ^{2 3}

	Minimum Requirements
RDBMS:	Certified: Oracle 12c (12.1.0.2.0) or Oracle 19c
Hardware:	Dual Core 2+ GHz 64-bit (x64) processor (Quad-Core or Multiple CPUs recommended)
Memory (RAM):	16.0 GB (32+ GB recommended)
Hard Drive:	100 GB hard disk (500 GB - 1.0 TB recommended) RAID-1+0 configuration recommended

² The EPM Ops Server database can be implemented as a schema within an existing "production-grade" database instance.

³ The Application Server and Database Server functions can be run on a single Windows server (database server configuration).