LANSA

Supported Platforms

LANSA V13 September 2019.

This document is the *LANSA Supported Platforms* document for the latest generally available version, currently LANSA Version 13 Service Pack 2 at the latest EPC level.

The information contained in this document represents the current view of LANSA on the issues discussed as of the date of publication. Because LANSA must respond to changing market conditions, it should not be interpreted to be a commitment on the part of LANSA, and LANSA cannot guarantee the accuracy of any information presented after the date of publication. In many cases, information in this document is dependent on information from third party vendors. In such cases LANSA's support for these third party software products ceases forthwith if the third party vendor itself ceases mainstream* support of such software product, regardless of what may be stated in this document.

The statements in this document represent the current intentions of LANSA. LANSA development plans are subject to change or withdrawal without further notice. Any reliance on this document is at the relying party's sole risk and will not create any liability or obligation for LANSA.

Any future product names, feature content or availability dates are provisional only and subject to later confirmation. Such information may change without further notice prior to general availability.

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* "mainstream" : For Microsoft products this is defined as the End Date of Mainstream Support (and not Extended Support) and for IBM Products it is defined as the End of Program Support Date.

LANSA Supported Platforms

Document Purpose

This document is the *LANSA Supported Platforms* document for the latest generally available version, currently LANSA Version 13 Service Pack 2 at the latest EPC level.

The contents include the software and hardware combinations that are supported running LANSA software. Any software and/or hardware combination or item that is not explicitly referenced is considered to be at best "Uncertified" and perhaps "Unsupported" once investigated (see following for definition of terms) except where the vendor supports upward compatibility and LANSA either "Confirms" or "Maintains" an earlier release (see below for third party vendor support). This information relates to English-language versions only.

Availability and status may vary in your geography. Contact your local LANSA Sales Office for more information.

In addition, this document may include planning information for expected future LANSA releases. This information is subject to change at any time without notice.

Platforms are categorized as:
- **IBM i** for application/data Servers with 5250, Windows, web browser or mobile clients.
- **Microsoft Windows** for client/server and Windows Server applications.
- **Web Application Server** for web applications including multi-tiered configurations of Web Server front-ends and back-end application/data Servers.
- **Linux** for application/data Servers with Windows, web browsers or mobile clients.

Note: IBM i ha**s** replaced i5/OS as the next generation of OS/400. Where this document refers to IBM i, either IBM i or i5/OS is intended according to the context and versions.

Within each platform are statements of:
- Policy
- Relative priority
- Relationships among LANSA products.

Definition of Support Categories

The following symbols are used in the Sup. Status column in this document:

✪ Confirmed:
- Configuration has been comprehensively tested.
- Response timeframes measured in accordance with the maintenance agreement.
- Configuration components exist at Technical Support.
- Error fixes or workarounds provided for reported errors.

✓ Maintained:
- Configuration has not been comprehensively tested but substantial evidence suggests that it is expected to operate properly.
- Response time frames may be delayed in some cases.
- Configuration components exist at Technical Support.
- Error fixes or workarounds provided for reported errors.

❓ Uncertified:
- Configuration may or may not have been tested.
- Configuration may or may not work.
- Using "uncertified" features in development and production is at the subscriber's own risk as there is no guarantee that "uncertified" features will ever work the way that a subscriber expects. Subscribers must perform their own testing of all "uncertified" features to determine suitability for production.
- Limited support provided as appropriate with no response timeframes.
- Configuration hardware and software may not exist at Technical Support.
- Subscriber or subscriber's local LANSA distributor is required to provide reproducible error on "Confirmed" or "Maintained" configuration.
- Error fixes or workarounds, if any, only provided to the extent appropriate to fix the nearest equivalent "Maintained" or "Confirmed" configuration.
- Support will take longer than normal due to nature of configuration.
- Errors reported on configurations of this type receive lower response priority than reported errors from "Confirmed" or "Maintained" configurations at the same error severity level.

ℹ Customized:
- Contact your LANSA Sales Office for more information.

✖ Unsupported:
- Configuration may or may not have been tested.
- Configuration may or may not work.
- No support provided.

1. **LANSA supports two versions concurrently**: LANSA formally supports two versions at any time. The latest shipped version of LANSA and the immediate prior version are supported. LANSA versions are supported at the latest Service Pack and/or EPC level.

2. **Third party vendors**: In many cases, information in this document is dependent on information from third party vendors.

   a. LANSA's support for these third party software products ceases forthwith if the third party vendor itself ceases mainstream* support of such software product, regardless of what may be stated in LANSA documents.

   b. If third party vendors support upward compatibility for a given product, then LANSA support for a product may be taken to mean support for subsequent compatible releases (or service/maintenance packs) of that product. Where LANSA support for a given vendor product is "Confirmed" status then later releases (or service/maintenance packs) will be implicitly "Maintained" status relying on vendor upward compatibility even if not explicitly mentioned in this document. Where LANSA support for a given vendor product is "Maintained" status then later releases (or service/maintenance packs) will be implicitly "Maintained" status relying on vendor upward compatibility even if not explicitly mentioned in this document.

   c. If third party vendors do not support upward compatibility for a given product, then LANSA support for a product may only be taken to mean for the specific releases stated in this document.

   d. Beta products are not supported.

3. **Varied functionality and performance across supported configurations**: A given configuration may be "Confirmed" or "Maintained" by LANSA, and yet offer varied functionality or performance compared to other supported configurations due to inherent differences across provider platforms or varied provider implementation of standards e.g. Microsoft Windows does not support IBM i-unique features. Differences may also reflect varied LANSA implementation across platforms. Built-in functions (in LANSA products also known as OV_BIFs), particularly those using low level OS features, may also reflect varied LANSA implementation across platforms. Documenting these detailed differences is beyond the scope of this document.

4. **New functionality may not always follow LANSA policies**: LANSA sometimes makes new functionality available early to a limited number of customers. Such early functionality may not always follow all LANSA policies including version level naming but its version levels will be planned to synchronize at a later date. Initially supported platforms may be limited and if so, these limitations are beyond the scope of this document.

5. **The Risks of using Operating Systems no longer under mainstream vendor support**: When using such unsupported Operating Systems (e.g. Windows 7), if a problem is specific to the LANSA software, LANSA will use its discretion as to whether reported issues will be corrected; if the problem is the result of the combination of the operating

system and the LANSA software, reported issues will not be investigated nor resolved unless the customer has an extended support agreement with the operating system vendor to potentially help resolve the issue.

* "mainstream" : For Microsoft products this is defined as the End Date of Mainstream Support (and not Extended Support) and for IBM Products it is defined as the End of Program Support Date.

Platform: IBM i

This section describes supported IBM i platforms when used as application/data Servers with 5250, Windows, web browser or mobile clients. For supported Windows clients see Windows platform section. For supported web browser or mobile clients or supported multi-tier Web Application Server configurations see separate Web Application Server section.

Policy

- LANSA will support IBM i releases according to IBM's stated current policy. Such support may vary by geography. This document refers to USA announcement status.
- LANSA will make best efforts to support the very latest IBM i release as soon as practical after IBM General Availability.
- Any later releases of IBM i not mentioned in this document but that become available during supported stages of the lifecycle of the LANSA versions mentioned here, will be implicitly "Maintained" status at the time of the availability from IBM
- LANSA actively participates in IBM pre-release programs to assist with early support.
- LANSA functionality aims to be consistent across IBM i and Windows platforms subject to inherent platform restrictions e.g. There is no Windows graphical user interface on IBM i nor IBM i-unique features on Windows.

Relative Priority

- IBM i is LANSA's most important production platform for traditional applications and equally important with Windows platforms.
- IBM i is LANSA's second most important development platform (after Windows).

Relationships among LANSA products

- LANSA for i provides production support on IBM i for LANSA applications developed either in LANSA for i or Visual LANSA.
- LANSA for i is the IBM i deployment environment for Visual LANSA, LANSA for the Web, LANSA Commerce Edition, LANSA Composer, LANSA Open, and LANSA Client where the products are at the same version levels.

IBM i Platform

	Version	Vendor End Support Date	Sup. Status	Remarks
LANSA for i				
Operating Systems				
IBM i	6.1	**Ended**	✖	
IBM i	7.1	**Ended**	✖	
IBM i	7.2	TBA	✪	
IBM i	7.3	TBA	✓	
IBM i	7.4	TBA	✓	

Development Compile/Build (required only for Dev./Compile/Build system)

Note:
    RPG and C/C++ Compilers included in WebSphere Development Studio

As above for OS releases.

RPG compiler (ILE compiler and/or Heritage compiler)   As for IBM i operating system version

C/C++ Compiler (ILE compiler)   As for IBM i operating system version

Platform: Microsoft Windows

This section describes supported Microsoft Windows platforms when used as Windows standalone clients or client/server platforms. For supported web browser or mobile clients or supported multi-tier Web Application Server configurations see separate Web Application Server section.

Policy

- LANSA will make best efforts to support the latest generally available Microsoft Windows releases recommended for business use and considered stable by respected market commentators (typically the Service Pack 1 release after general availability).
- Where later generally available Microsoft Windows releases or service pack levels are not specifically mentioned in this document but earlier releases are, then such later releases are supported by LANSA but only at a "Maintained" level.
- LANSA may or may not support the latest generally available Microsoft Windows releases recommended for consumer use subject to demonstrable LANSA business market demand.
- LANSA supports Microsoft Windows 64 bit releases in both 64-bit mode and 32-bit compatibility mode.
- Note that 32-bit Database drivers are required in 32-bit compatibility mode - regardless of whether the Database Server is 32-bit or 64-bit.
- In 32-bit compatibility mode, LANSA supports 64-bit Database Servers (with 32-bit Database drivers) at the same status as the 32-bit Database Servers listed where the vendor supports replacing the 32-bit Database Server version directly for the 64-bit Database Server version without any problems.
- Note that Unicode databases are not supported. Unicode columns in database tables are fully supported in SBCS and DBCS databases.
- LANSA may or may not support the latest generally available Microsoft Windows releases for Mobile device use subject to demonstrable LANSA business market demand.
- LANSA functionality aims to be consistent across IBM i and Windows platforms subject to inherent platform restrictions e.g. There is no Windows graphical user interface on IBM i nor IBM i-unique features on Windows.
- LANSA actively participates in Microsoft pre-release programs to assist with this policy.
- LANSA documentation and Visual LANSA installation require specific minimum Microsoft Internet Explorer releases. This requirement is reasonable because Visual LANSA developers must work on Microsoft Windows. All developers have access to IE Browsers regardless of personal Browser preference. LANSA's strategic user interface for its development environment is the Microsoft Windows platform.

Relative Priority

- Microsoft Windows 10 with Microsoft Windows Server 2012 R2 is the most important LANSA production platform for client/server applications and equally important with IBM i.
- Microsoft Windows 10 is the most important LANSA development platform for both client/server applications and Web applications.
    - LANSA for the Web development can be done either on IBM i or Microsoft Windows with Windows the LANSA strategic development platform.

Relationships among LANSA products

- Visual LANSA provides development support for applications that can then be deployed to Windows, IBM i, Web Application Server and Linux deployment platforms.
- Visual LANSA provides production support on Windows for LANSA applications developed either in LANSA for i or Visual LANSA.
- Visual LANSA is the Windows deployment environment for Visual LANSA, LANSA for the Web, LANSA Commerce Edition, LANSA Composer, LANSA Open, and LANSA Client. In general, the same version/release levels for releases across products indicate functional synchronization.
- LANSA for the Web, LANSA Open, LANSA Client and Visual LANSA clients support access to any Visual LANSA supported deployment servers.

Windows Platform

	Version	Vendor end Support Date	Sup. Status	Remarks
Visual LANSA				

Note:
- Windows versions apply to Enterprise and Standard editions unless otherwise noted.
- Microsoft Support policy supports current and in some cases immediately preceding Service Packs only (but for maximum of additional 12 months).

Windows Development (Visual LANSA IDE)

	Version	Vendor end Support Date	Sup. Status	Remarks
Windows 7		Ended		
Windows 7 32 bit	SP1	Ended	?	
Windows 7 64 bit	SP1	Ended	?	32-bit compatibility mode only
Windows 8		Ended	✖	
Windows 8.1 Pro 32 bit		Ended	?	
Windows 8.1 Pro 64 bit		Ended	?	32-bit compatibility mode only
Windows 10		13 Oct 20	✔	
Windows Server 2008		Ended		
Windows Server 2008 32 bit	SP2	Ended	?	
Windows Server 2008 64 bit	SP2	Ended	?	32-bit compatibility mode only
Windows Server 2008 R2		Ended		32-bit compatibility mode only
Windows Server 2008 R2	SP1	Ended	?	32-bit compatibility mode only
Windows Server 2012		Ended	?	32-bit compatibility mode only
Windows Server 2012 R2		Ended	?	32-bit compatibility mode only
Windows Server 2016		11 Jan 22	✔	32-bit compatibility mode only

Windows Production Clients

	Version	Vendor end Support Date	Sup. Status	Remarks
Windows 7		Ended		
Windows 7 32 bit	SP1	Ended	?	
Windows 7 64 bit	SP1	Ended	?	
Windows 8		Ended	✖	
Windows 8.1 Pro 32 bit		Ended	?	
Windows 8.1 Pro 64 bit		Ended	?	
Windows 10		13 Oct 20	✔	

Windows Production Servers

	Version	Vendor end Support Date	Sup. Status	Remarks
Windows Server 2008		Ended		
Windows Server 2008 32 bit	SP2	Ended	?	
Windows Server 2008 64 bit	SP2	Ended	?	32-bit compatibility mode only
Windows Server 2008 R2		Ended		
Windows Server 2008 R2	SP1	Ended	?	
Windows Server 2008 Terminal Services		Ended	?	32-bit compatibility mode only
Windows Server 2012		Ended	?	
Windows Server 2012 R2		Ended	?	
Windows Server 2012 VDI Remote Desktop Services		Ended	✖	
Windows Server 2016		11 Jan 22	✔	

Citrix XenApp ?

**Hardware Virtualization - refer to the *Virtualization Support Policy for LANSA Products* document in
Details of supported third-party software and hardware combinations**

Databases
Note:
- In 32-bit compatibility mode, 64-bit Database Servers (with 32-bit Database drivers) are supported at the same status as the 32-bit Database Servers listed where the vendor supports replacing the 32-bit Database Server version directly for the 64-bit Database Server version without any problems.
- Unicode databases are not supported. Unicode columns in database tables are fully supported in SBCS and DBCS databases.

Any DB via ODBC			?	Non-LANSA defined only
Any MySQL Community Server			?	PC Other Files only.
Sybase SQL Anywhere	12.0.1	**Ended**	✘	
Sybase SQL Anywhere	16.0	**Ended**	✘	
Sybase SQL Anywhere	17.0	TBA	✔	Contact your product vendor for deployment.
MS SQL Server 2008		**Ended**	✘	
MS SQL Server 2008 R2		**Ended**	✘	
MS SQL Server 2012 Core Editions		**Ended**	✘	
MS SQL Server 2012 Express		**Ended**	✘	
MS SQL Server 2012 Express	SP2	**Ended**	✘	Bundled with Visual LANSA V13 but must be upgraded as per Microsoft mainstream support.
MS SQL Server 2014 Core Editions		TBA		
MS SQL Server 2014 Core Editions	SP1	**Ended**	✘	
MS SQL Server 2014 Core Editions	SP2	**Ended**	✘	
MS SQL Server 2014 Express		TBA		
MS SQL Server 2014 Express	SP1	**Ended**	✘	.
MS SQL Server 2014 Express	SP2	**Ended**	✘	Not recommended for server applications and is subject to Microsoft imposed limitations.
MS SQL Server 2016 Core Editions		TBA		
MS SQL Server 2016 Core Editions	SP1	13 Jul 21	𝒊	For runtime deployments only (not development)
MS SQL Server 2016 Express		TBA		
MS SQL Server 2016 Express	SP1	13 Jul 21	𝒊	Not recommended for server applications and is subject to Microsoft imposed limitations. For runtime deployments only (not development)
Oracle (32 bit and 64 bit clients)	V11.2	**Ended**	✘	
Oracle (32 bit and 64 bit clients)	V12.1	**Ended**	✘	Minimum 12.1.0.2 ODBC driver
Oracle (32 bit and 64 bit clients)	V12.2	31 March 23	✔	Oracle 12.2 family consists of 12c, 18c and 19c. Contact LANSA for full support details.

Compilers

Note: Required only for Dev./Compile/Build system and NOT required on Production/Deployment systems

MS Visual Studio 2010	SP1	**Ended**	✘
MS Visual Studio 2012		**Ended**	✘
MS Visual Studio 2013		**Ended**	✘
MS Visual Studio 2015		13 Oct 20	✔

MS Integration

MS Visio 2010	Ended	✘	
MS Visio 2013	Ended	✘	32 bit version only
MS Visio 2016	13 Oct 20	✔	32 bit version only

Documentation
Browsers

Note: Browser vendor-end-support-date may vary by Operating System, consult vendor for specifics.

MS IE 9	Ended	?	
MS IE 10	Ended	?	
MS IE 11		✪	End date as for Windows platform
MS Edge		✔	End date as for Windows platform
Other browsers	All	✘	

LANSA Open
OS Clients
Windows platforms as supported for Visual LANSA

Third Party Software

32 bit versions only

LANSA Open for .NET
OS Clients
Windows platforms as supported for Visual LANSA

Third Party Software

32 bit versions only

MS .NET Framework 3.5	Ended	✘	
MS .NET Framework 3.5	SP1	✔	End date as for Windows platform
MS.NET Framework 4.0	Ended	✘	
MS.NET Framework 4.5	Ended	✘	
MS.NET Framework 4.5.1	Ended	✘	
MS.NET Framework 4.5.2		✔	End date as for Windows platform
MS.NET Framework 4.6		✔	End date as for Windows platform
MS.NET Framework 4.6.1		?	End date as for Windows platform
MS.NET Framework 4.6.2		?	End date as for Windows platform
MS.NET Framework 4.7		?	End date as for Windows platform

LANSA Client
OS Clients
Windows platforms as supported for Visual LANSA

Crystal Reports

Crystal Reports XI	Ended	✘	
Crystal Reports 2008 V1	Ended	?	
Crystal Reports 2011	Ended	✘	

Platform: Web Application Server

The platform category "Web Application Server" is for e-business. It integrates back-end Server-side traditional application/data platforms with e-business technologies such as Web Browsers. This category includes technology support for Browsers and Mobile Integrated Browsers. For supported data/application Server platforms see separate specific platform sections.

Policy

- LANSA will make best efforts to support the latest generally available IBM HTTP Server (powered by Apache) across all supported IBM i platforms.
- LANSA will make best efforts to support the Microsoft IIS releases bundled with current Microsoft Server Operating Systems.
- LANSA will leverage Apache's portability to support Linux platform configurations.
- LANSA for the Web development can be done either on IBM i or Microsoft Windows with Windows the LANSA strategic development platform.
- LANSA makes best effort to support Red Hat Linux as an operating system for Web Serving at the minimum vendor release supported widely in the marketplace, leveraging vendor support of upward compatibility to support later releases. This yields the widest possible support. In practice this means the minimum release may be "Confirmed" status but later releases are implicitly "Maintained" status relying on vendor upward compatibility.

Relative Priority

- Web Application Server category is the most important LANSA production platform for e-business technologies.
- For customers who prefer open source software, Apache HTTP Server is LANSA's most important Web Application Server environment.
- For IBM markets, IBM HTTP Server is LANSA's most important supported Web Application Server.
- For Windows markets, Microsoft IIS is LANSA's most important supported Web Application Server.
- For Linux markets, LANSA uses the Apache HTTP Server as the Web Application Server environment.
- For IBM markets and customers selecting IBM HTTP Server, mixed Windows/ IBM i configurations are more important than Windows configurations for Web Application Serving which in turn are more important than IBM i-only configurations.
- For IBM i only LANSA will continue to support CGI.
- Linux Web Serving is less important than Windows or IBM i Web Serving.

Relationships among LANSA products

- LANSA for the Web provides production support for LANSA applications developed either in Visual LANSA or LANSA for i.
- LANSA for the Web is the deployment platform for LANSA generation of HTML and/or other technologies.
- LANSA for the Web supports Web serving from Windows, IBM i and Linux hosted Web Servers.
- LANSA for the Web supports access to Visual LANSA application/data servers as deployment platforms on IBM i, Windows and Linux servers.
- LANSA Integrator and LANSA Composer are the deployment platforms for data integration using EDI and other pre-XML standards, 2-way XML, Java integration and Web Services.

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Web Application Server Platform

	Version	Vendor End Support Date	Sup. Status	Remarks
LANSA for the Web				
Browsers				

Note:
- Browser versions and support dates relate to Windows 8.1 Professional platform unless otherwise noted.
- Browser vendor-end-support-date may vary by Operating System, consult vendor for specifics.
- Required browser version at run-time, when using LANSA for Web WAM functionality, will depend on features used.
- VLF requires MS IE to be at version 10 or 11 at both development and run-time.

	Version	Vendor End Support Date	Sup. Status	Remarks
MS IE 9 on Windows		Ended	?	
MS IE 10 on Windows		Ended	?	
MS IE 11 on Windows			✪	End date as for Windows platform
MS Edge on Windows			✓	End date as for Windows platform
Chrome			✓	
Safari			✓	OSX and iOS only
Firefox			✓	
Any Compact HTML-compatible device (for i-Mode)			?	As defined for NTT DoCoMo's iMode service
Any other XHTML 1.0 compatible Browser			?	
Mobile integrated browsers				
iPhone			✓	
Android			?	Latest Chrome browser recommended on Android devices. Android 4.0+ for tablets.
Windows Phone 7.8		Ended	✖	
Windows Phone 8.1		Ended	✖	
Windows 10 Mobile		Ended	✖	
Web Communications Gateway Interface				
CGI (IBM i platform only)				
IBM HTTP Server (powered by Apache)			✪	**As for IBM i platform**
IIS Plug-in (ISAPI) (Windows platform only)				
IIS			✪	As for Windows platform for Win servers – 32 bit and 64 bit
Apache Plug-in (Linux only)				
Apache 2.2 (Linux on Intel)			✪	As for Linux platform for Linux servers
HTTP Servers				
IBM HTTP Server (powered by Apache)				As for IBM i platform
Apache (Linux)	V2.2		✪	As for Linux platform for Linux servers
Apache (Windows)			✖	
IIS				As for Windows platform for Win servers – 32 bit and 64 bit
XSLT Processor				WAMS Only
Windows				
MSXML	6.0		✪	
IBM i and Linux				
libxslt			✪	

Operating System - Web Server Tier – refer to HTTP Servers

Operating System - Application/Data Server Tier

IBM i	**As for IBM i platform**
Windows	**As for Windows platform for Windows Servers**
Linux	**As for Linux platform**

LANSA Integrator

JVM

JVM -Windows (Sun)	V1.6	**Ended**	✖	
JVM -Windows (Oracle)	V1.7	**Ended**	✖	
JVM -Windows (Oracle)	V1.8	**Ended**	✖	Java SDK required for compiling SOAP. XML
JVM -IBM i				Latest 64 bit JVM available for the IBM i version..
JVM -Linux	V1.6	**Ended**	✖	
JVM -Linux	V1.7	**Ended**	✖	
JVM -Linux	V1.8	**Ended**	✖	
OpenJDK	V8	TBA	✪	Jdk8u192-b12

Operating Systems

IBM i	**As for IBM i platform**.
Windows Servers	**As for Windows platform for Windows Servers.** **Note: WAMs published as Web Services are only supported in 32 bit compatibility mode.**
Windows Clients	**As for Windows platform for Windows Clients**
Linux	**As for Linux platform**

Platform: Linux Servers

This section describes supported Linux platforms when used as traditional application/data Server platforms. For currently supported e-business multi-tier Web Application Server platforms (including Linux Web Servers) see separate Web Application Server section.

Note that LANSA supports Linux as a 64 bit Server operating platform only. User interface clients are Microsoft Windows, Browsers or Mobile clients, not Linux Servers.

Linux application/data Servers may be a single tier that includes both LANSA application and database and Object Access Modules or Linux application data Servers may be two tier systems with one containing the LANSA application and the other containing the database and Object Access modules (and optionally more application).

Linux Server Platform

	Version	Vendor End Support Date	Sup. Status	Remarks
Operating Systems				
Red Hat Enterprise Linux Server (Intel)	V6.0	30 Nov 17	?	64 bit only
Red Hat Enterprise Linux Server (Intel)	V6.x	30 Nov 20	✔	64 bit only
Red Hat Enterprise Linux Server (Intel)	V7.x	Jun 30 24	?	64 bit only
SuSe Linux Enterprise Server	10		?	64 bit only
SuSe Linux En4terprise Server	11		?	64 bit only
Other Linux	All		✘	
Database Servers 64 bit driver only				
Oracle	V11.2	**Ended**		
Oracle	V12.1	**Ended**	✘	
Oracle	V12.2	31 March 23	✔	See Windows Note.
MySQL	V5.6	**Ended**	?	
Development Compiler – GCC				
As above for OS releases				

LANSA V13 Supported platforms

	IBM i			Windows		Linux	
Development (IDE) Client OS	i 6.1	✖		Windows 7 Pro 32 bit SP1 ****	❓		
	i 7.1	✖		Windows 7 Pro 64 bit SP1 ****	❓		
	i 7.2	✪		Windows 8	✖		
	i 7.3	✓		Windows 8.1 Pro 32 bit	❓		
	i 7.4	✓		Windows 8.1 Pro 64 bit	❓		
				Windows 10	✓		
				Win Server 2008 32 bit SP2	❓		
				Win Server 2008 64 bit SP2	❓		
				Win Server 2008 R2 SP1	❓		
				Win Server 2012 R2	✖		
				Win Server 2016	✓		
Production Client OS				Windows 7 Pro SP1 32 bit ****	❓		
				Windows 7 Pro SP1 64 bit ****	❓		
				Windows 8.1 Pro 32 bit	❓		
				Windows 8.1 Pro 64 bit	❓		
				Windows 10	✓		
Production Server OS	i 6.1	✖		Win Server 2008 32 bit SP2 ****	❓	Red Hat Enterprise Linux 6.0	❓
	i 7.1	✖		Win Server 2008 64 bit SP2 ****	❓	Red Hat Enterprise Linux 6.x	✓
	i 7.2	✪		Win Server 2008 R2 SP1 ****	❓	Red Hat Enterprise Linux 7.x	❓
	i 7.3	✓		Win Server 2012	❓	SuSe Enterprise Linux	❓
	i 7.4	✓		Win Server 2012 R2	❓		
				Win Server 2016	✓		
Terminal Services				Citrix XenApp	❓		
				Windows Server 2008 Terminal Services ****	❓		
				Windows Server 2012 VDI Remote Desktop Services	✖		
Compiler	RPG, C/C++ i 6.1	✖		MS Visual Studio 2010	✖		
	RPG, C/C++ i 7.1	✖		MS Visual Studio 2012	✖		
	RPG, C/C++ i 7.2	✪		MS Visual Studio 2013	✖		
	RPG, C/C++ i 7.3	✓		MS Visual Studio 2015	✓		
	RPG, C/C++ i 7.4	✓					
MS .NET Framework				.NET Framework 3.5 SP1	✓		
				.NET Framework 4.0	✖		
				.NET Framework 4.5	✖		
				.NET Framework 4.5.1	✖		
				.NET Framework 4.5.2	✓		
				.NET Framework 4.6	✓		
				.NET Framework 4.6.1	❓		
				.NET Framework 4.6.2	❓		
				.NET Framework 4.7	❓		

Legend

✪	Confirmed
✓	Maintained
❓	Uncertified
𝒊	Customized
✖	Unsupported

**** Vendor support ended

	IBM i	Windows		Linux	
Oracle		Oracle 11.2	✖	Oracle 11.2	✖
		Oracle 12.1	✖	Oracle 12.1	✖
		Oracle 12.2	✔	Oracle 12.2	✔
				MySQL 5.6	❓
Sybase SQL Anywhere		SQL Anywhere 12.0.1	✖		
		SQL Anywhere 16.0	✖		
		SQL Anywhere 17.0	✔		
MS SQL Server		MS SQL Server 2008	✖		
		MS SQL Server 2008 R2	✖		
		MS SQL Server 2012	✖		
		MS SQL Server 2012 Express	✖		
		MS SQL Server 2014 SP1	✖		
		MS SQL Server 2014 SP2	✖		
		MS SQL Server 2014 Express SP1*	✖		
		MS SQL Server 2014 Express SP2*	✖		
		MS SQL Server 2016	ℹ		
		MS SQL Server 2016 Express*	ℹ		
Browser		MS IE 9	❓		
		MS IE 10	❓		
		MS IE 11	✪		
		MS Edge	✔		
		Chrome	✔		
		Safari	✔		
		Firefox	✔		
		Other	❓		
Windows Mobile		iPhone	✔		
		Android	❓		
		Windows 10 Mobile	✖		
Microsoft Visio		Microsoft Visio 2010	✖		
		Microsoft Visio 2013	✖		
		Microsoft Visio 2016	✔		
Crystal reports		Crystal Reports 2008 V1	❓		
		Crystal Reports 2011	✖		
JVM	JVM - Latest ✪	JVM - Sun 1.6	✖	JVM - Sun 1.6	✖
		JVM - Sun 1.7	✖	JVM - Sun 1.7	✖
		JVM - Sun 1.8	✖	JVM - Sun 1.8	✖
		OpenJDK V8	✪	OpenJDK V8	✪

Legend

✪ Confirmed
✔ Maintained
❓ Uncertified
ℹ Customized
✖ Unsupported

* Not recommended for server applications and subject to Microsoft imposed limitations