Micro Focus VisiBroker 8.5 SP8

Platform Support Notes

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Contents

Supported Platforms, C++ Compilers, and JDKs for VisiBroker 8.5.8

The following table lists the operating systems, CPUs, C++ compilers and JDKs that Micro Focus VisiBroker 8.5.8 is supported on:

Operating System	CPU	Bit Mode	C++ Compilers	JDKs
AIX 6.x	PowerPC	32/64	XL C/C++ compiler v9 XL C/C++ compiler v10.1 (std IO stream support) XL C/C++ compiler v11.1 (std IO stream support)	IBM JDK 8
AIX 7.x	PowerPC	32/64	XL C/C++ compiler v9 XL C/C++ compiler v10.1 (std IO stream support) XL C/C++ compiler v11.1 (std IO stream support) XL C/C++ compiler v13.1	IBM JDK 8
CentOS 7.x	Intel x86-64	64	GCC 4.8.5 GLIBC 2.17	Oracle JDK 8, 11 Open JDK 8, 11, 17
HP - UX 11.31	Itanium	32/64	aC++6.20 aC++ 6.28 (std IO stream support)	JDK 8, HP JDK 11
Red Hat Enterprise Linux 5.x	Intel x86-64	32/64	GCC 4.1.1	Sun JDK 6, Oracle JDK 7, Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Red Hat Enterprise Linux 6.x	Intel x86-64	32/64	GCC 4.4	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Red Hat Enterprise Linux 7.x	Intel x86-64	32/64	GCC 4.8 - GCC 7.2[1]	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17

[1] This also includes C++ 14 compatibility support for GCC 6.x onwards

Operating System	CPU	Bit Mode	C++ Compilers	JDKs
Red Hat Enterprise Linux 8	Intel x86-64	32/64	GCC 8.2	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Red Hat 9 GCC11 compiler	Intel x86-64	32/64	GCC 8.2	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Solaris 10.x	Intel x86-64	32/64, Oracle 8 64-bit only [2]	Oracle Solaris Studio 11.x & Oracle Solaris Studio 12.x. [3]	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Solaris 10.x	SPARC	32/64, Oracle 8 64-bit only [2]	Oracle Solaris Studio 11.x & Oracle Solaris Studio 12.x. [3]	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Solaris 11.x	Intel x86-64	32/64, Oracle 8 64-bit only [2]	Oracle Solaris Studio 11.x & Oracle Solaris Studio 12.x. [3]	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Solaris 11.x	SPARC	32/64, Oracle 8 64-bit only [2]	Oracle Solaris Studio 11.x & Oracle Solaris Studio 12.x. [3]	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
SUSE Linux 10.x	Intel x86-64	32/64	GCC 4.1.9 & GLIBC 2.4-31.5	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
SUSE Linux 11.x	Intel x86-64	32/64	GCC 4.x & GLIBC 2.11.1	Oracle JDK 8, Open JDK 8,

[2] The Oracle JDK 8 for a Solaris (SPARC or x64) platform supports only a 64-bit JDK. It is possible to run a 32-bit VisiBroker installation with the 64-bit JDK by applying the **VisiBroker 64-bit Service Overlay** appropriate to your platform.

[3] Both Oracle Solaris Studio 12.4 and Oracle Solaris Studio 12.5 compilers are not supported with the latest versions of CORBA products. Two compiler issues have been uncovered during testing and raised against Oracle. Oracle bug numbers Bug 21681651, relates to an inconsistent behaviour in pushing function parameters on the stack

between Studio 12.4 and earlier compiler versions. Oracle Bug 22179603, relates to an inconsistent behaviour in symbol name mangling between Studio 12.4 and earlier compiler versions.
Micro Focus has confirmed that both issues have been resolved in Oracle Solaris Studio 12.6.

Operating System	CPU	Bit Mode	C++ Compilers	JDKs
				Oracle JDK 11, Open JDK 11
SUSE Linux 11.x	zSeries	64	GCC 4.3.4 GLIBC 2.11-1	Oracle 8, Open JDK 8, Oracle 11, Open JDK 11
SUSE Linux 12.x	Intel x86-64	32/64	GCC 4.8 - GCC 6.2 & GLIBC 2.19 [4]	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
SUSE Linux 12.x	zSeries	64	GCC 4.3.4 GLIBC 2.11-1	Oracle 8, Open JDK 8, Oracle 11, Open JDK 11, Java 11
SUSE Linux 15	Intel x86-64	32/64	GCC 8.2	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Windows 10	Intel x86-64	32/64	Microsoft Visual Studio 2012, Microsoft Visual Studio 2013, Microsoft Visual Studio 2015, 2017, 2019 & 2022	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Windows 7	Intel x86-64	32/64	Microsoft Visual Studio 2008 (SP1), Microsoft Visual Studio 2012, Microsoft Visual Studio 2013	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Windows 8.1	Intel x86-64	32/64	Microsoft Visual Studio 2012, Microsoft Visual Studio 2013	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Windows XP	Intel x86-64	32/64	Microsoft Visual Studio 2008 (SP1), Microsoft Visual Studio 2012, Microsoft Visual Studio 2013	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11
Windows Server 2008 R2	Intel x64	32/64 [5]	Microsoft Visual Studio 2008 (SP1), Microsoft Visual Studio 2012,	Oracle JDK 8,

[4] This also includes C++ 14 compatibility support for GCC 6.x onwards.
[5] Although this operating system is 64-bit, 32-bit VisiBroker binaries can be run on it.

Operating System	CPU	Bit Mode	C++ Compilers	JDKs
			Microsoft Visual Studio 2013	Open JDK 8, Oracle JDK 11, Open JDK 11
Windows Server 2012 R2	Intel x64	32/64 [5]	Microsoft Visual Studio 2012, Microsoft Visual Studio 2013 and Microsoft Visual Studio 2015, 2017, 2019, & 2022	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Windows Server 2016	Intel x64	32/64 [5]	Microsoft Visual Studio 2015 and Microsoft Visual Studio 2015, 2017, 2019, & 2022	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Windows Server 2019	Intel x64	32/64 [5]	Microsoft Visual Studio 2016, 2017, 2019	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Windows Server 2022	Intel x64	32/64 [5]	Microsoft Visual Studio 2016, 2017, 2019	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17
Windows 11	Intel x64	32/64 [5]	Microsoft Visual Studio 2016, 2017, 2019	Oracle JDK 8, Open JDK 8, Oracle JDK 11, Open JDK 11, Java 17

The following notes apply to all platforms:

1. All minor versions of the platforms are supported from the platform stated onwards.

   For example, if we state we support Solaris 10.x then we will support all minor versions e.g. 10.1, 10.2 through to the current minor 10.x release. When there is a new major version change, for example 11.0, then the ***Platform Support Notes*** will be updated accordingly with the major version numbers.

2. A compiler and operating system point release (i.e. not a major release) will be supported as long as we have tested the prior major release.
3. x64 processor terminology varies. x64 in the above table could be termed Intel 64, x86-64, AMD 64, EM64T or x64.
4. IPv6 support available in 8.5 on all platforms.
5. VT (with ITS) supports 2PC with Oracle 11G R2 on Solaris Sparc only. Oracle 11g R2 supports require Pluggable Session Manager.
6. VT PMT/ESQL feature is certified with Oracle 11G R2 only.
7. CORBA 3.0 compliant, but CORBA Component Model (CCM) and GIOP 1.3 related features are not implemented.

8. Backend store support for VisiNaming is as follows:

Database	JDBC Adapter - Driver Class
JDataStore 7.05	com.borland.datastore.jdbc.DataStoreDriver JDataStore JDBC Driver 007.005.009.000
Oracle 10G Release 2 (10.2.0.1.0) Oracle 11G Release 2 (11.2.0.1.0)	oracle.jdbc.driver.OracleDriver Oracle driver (using classes12.zip Version 10.2.0.1.0)
Oracle 12C Release 1 (12.1.0.2.0)	oracle.jdbc.driver.OracleDriver Oracle driver (using ojdbc7.jar (for JDK7), ojdbc6.jar (for JDK6) Version 12.1.0.2.0)
Microsoft SQLServer 2008 R2	com.microsoft.sqlserver.jdbc.SQLServerDriver Microsoft SQL Server 2008 JDBC Driver 1.1

LDAP Directory Server OpenLdap 2.4.23

9. Solaris zones are supported.

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