



VisiBroker Platform Support Notes

V8.5.9

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Supported Platforms, C++ Compilers, and JDKs for VisiBroker 8.5.9

The following table lists the operating systems, CPUs, C++ compilers, and JDKs that Rocket Software VisiBroker 8.5.9 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

Operating System	CPU	Bit Mode	C++ Compilers	JDKs
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
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

Operating System	CPU	Bit Mode	C++ Compilers	JDKs
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

Rocket Software has confirmed that both issues have been resolved in Oracle Solaris Studio 12.6.

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

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