

IBM Unica Campaign Family

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***Recommended Software
Environments and Minimum
System Requirements***



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IBM UNICA

CAMPAIGN FAMILY 8.5

RECOMMENDED SOFTWARE ENVIRONMENTS AND MINIMUM SYSTEM REQUIREMENTS

This document lists the software environments and minimum system requirements recommended for IBM Unica Campaign 8.5 family of products:

- IBM Unica Campaign
- IBM Unica Distributed Marketing
- IBM Unica eMessage
- IBM Unica Interact
- IBM Unica Optimize

Software Environments

The sections on software environments list the application server, operating system, and database combinations recommended by IBM Unica products.

Third-party software, drivers, etc are not available from IBM Unica (with the exception of IBM Cognos and IBM WebSphere, which are available with some IBM Unica products).

Minimum System Requirements

The minimum system requirements are provided as guidance for hardware sizing for IBM Unica products. Higher processing needs require larger configurations. The minimum system requirements listed in this document for each IBM Unica product are for Windows-based systems; comparable hardware configurations are required for supported UNIX-based and LINUX-based systems.

IBM Unica Campaign

IBM Unica Campaign requires the IBM Unica Marketing Platform. The IBM Unica Campaign Analytic Server component is available in 32-bit or 64-bit versions, except as noted.

Software Environment Combinations

| Application Server (with embedded Web Server) ^(a) | Operating System | System Table Database ^(d) | User Table Database ^(d) |
|---|---|--|--|
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere ^(f) 6.1, 7.0 | Windows Server ^(c) 2003, 2008, 2008R2 | DB2 ^(e) 9.1 ^(f) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 SQL Server ^(h) 2005, 2008, 2008R2 | DB2 ^(e) 9.1 ^(f) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 SQL Server ^(h) 2005, 2008, 2008R2 Netezza NPS 4.5, 4.6, 5.0, 6.0 |
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere ^(f) 6.1, 7.0 | AIX 5.3, 6.1, 7.1 Solaris 9, 10 (SPARC) | DB2 ^(e) 9.1 ^(f) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 | DB2 ^(e) 9.1 ^(f) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 Netezza NPS 4.5, 4.6, 5.0, 6.0 Teradata 12, 13, 13.10 |
| | RHEL AS (v. 4 for 32-bit x86) RHEL AS (v. 4 for 64-bit AMD64/Intel EM64T) RHEL AP (v. 5.4 for 32-bit x86) RHEL AP (v. 5.4 for 64-bit x86_64) SLES 9, 10 for x86SLES 10, 11 for x86_64 | DB2 ^(e) 9.1 ^(f) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 | DB2 ^(e) 9.1 ^(f) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 |

Notes:

- a. IBM Unica Enterprise Marketing Management products minimally require the Express editions of the supported application servers. While IBM Unica products will run on and are compatible with other editions, IBM Unica products do not require nor do they take advantage of any advanced features provided by those editions. IBM Unica products support only the JDK version 1.5 or higher, and the best practice is to use the version provided by the application server vendor.
- b. IBM Unica supports Sun JDK for WebLogic. Other JDKs are not supported (e.g. JRockit JDK).
If you are using WebLogic 9.2, MP3 or higher is required.
If you are using WebLogic 10, MP1 is required.
If you are using WebLogic 10g, release 3 is required (10gR3), and patch IQXV is required.
If you are using WebLogic 10gR3, AIX is not a supported operating system.
If IBM Unica Marketing Operations is integrated with IBM Unica Campaign using SQL Server 2008 database, WebLogic 10gR3 is not supported.
- c. Windows 2003 Server SP1 or higher is required for SQL Server 2005.
Windows 2003 is supported only for the 32-bit operating system.
- d. An ODBC driver is required for all databases other than DB2 and Oracle. The 64-bit version of the IBM Unica Campaign Analytic Server requires a 64-bit database driver (the 32-bit version of the IBM Unica Campaign Analytic Server requires a 32-bit database driver).
A JDBC type 4 database driver is required for all system table databases. Unica recommends using JDBC drivers provided by the database vendor.

- e. On 64-bit platforms, there are known compatibility issues between DB2 data sources and some ODBC drivers for Netezza, Teradata, and SQLServer. In these cases, DB2 cannot be used, either as a system tables data source or a user table data source, in combination with these databases.
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- f. Fixpack 2 or later is required for DB2 version 9.1.
- g. If you are using Oracle for IBM Unica Campaign system tables, the database must be Oracle version 10.2.0.4 or higher for IBM Unica Campaign Reports 8.1 to function correctly. You must install the Oracle 10.2.0.4 patch, then run a command on the database. For details, refer to the “Third-party software related issues” section in the IBM Unica Campaign Reports Package Release Notes.
- h. For SQL Server versions 2005 and 2008, the Microsoft JDBC driver version 1.2 is recommended. Although the 2.0 JDBC driver will work with Campaign 8.1, environments which include IBM Unica Marketing Operations require the 1.2 driver.
- i. Fixpack 6.1.0.21 or later is required for WebSphere 6.1.
Patch 17 or greater is required for IBM WebSphere 7.0 (version 7.0.0.17 or greater).
If IBM Unica Marketing Operations is integrated with IBM Unica Campaign using a SQL Server 2008 database, WebSphere 7.0 is not supported.
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Client Web Browser

| Browser | Operating System |
|------------------------|--------------------------|
| Internet Explorer 7, 8 | Windows XP |
| Internet Explorer 7, 8 | Windows Vista |
| Internet Explorer 8 | Windows 7 ^(a) |

Notes:

- a. Only 32-bit browsers are supported with Windows 7.
-

Minimum System Requirements

| Hardware | Browser Client | Campaign Web Server | Campaign Server | System Table Database Server |
|----------------------|----------------|---------------------|-----------------|------------------------------|
| Processor | 2 GHz | 2 GHz, 2 CPUs | 2 GHz, 2 CPUs | 2 GHz, 2 CPUs |
| RAM | 512 MB | 2 GB per CPU | 2 GB per CPU | 2 GB per CPU |
| Available Disk Space | N/A | 1 GB | 100 GB | 100 GB |

Additional Requirements

Reporting

The reporting capabilities for IBM Unica Campaign are powered by Cognos 8, (version 8.4), which is provided as an option with the IBM Unica Campaign software. If Cognos 8 is installed as part of the IBM Unica Marketing Platform, a separate reporting server is required and the minimum system requirements can be found in the *Cognos 8.4 Installation and Configuration Guide*.

IBM Unica Campaign reporting with Cognos also requires a web server. For full compatibility information see <http://support.cognos.com>. The following version is recommended:

- Apache 2.0.48+ ^(a)

Notes:

- a. + indicates higher versions of the last number specified. For example, 2.0.48+ includes versions 2.0.48 through 2.0.99.
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For Cognos 8 Software Environments, see

http://support.cognos.com/en/support/products/cognos84_software_environments.html.

No Longer Supported

The following 3rd party applications are no longer supported with IBM Unica Campaign version 8.5:

| Application Server | Operating System | System Table Database | User Table Database | Client Web Browser |
|--------------------|------------------|-----------------------|---------------------|---------------------|
| | | Oracle 10.1 | Oracle 10.1 | Internet Explorer 6 |
| | | | Teradata v2R6.2 | |

IBM Unica Distributed Marketing

IBM Unica Distributed Marketing requires the IBM Unica Marketing Platform and IBM Unica Campaign.

Software Environment Combinations

| Application Server (with embedded Web Server) ^(a) | Operating System | System Table Database ^(d) | User Table Database ^(d) |
|---|---|---|--|
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere ^(f) 6.1, 7.0 | Windows Server ^(b) 2003, 2008 | DB2 9.1 ^(d) , 9.5, 9.7 Oracle ^(f) 10.2, 11g, 11gR2 SQL Server ^(g) 2005 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(f) 10.2, 11g, 11gR2 SQL Server ^(g) 2005 Netezza NPS 3.1 ^(h) , 5.0 Teradata 13 |
| | AIX 5.3, 6.1 Solaris 9, 10 (SPARC) | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(f) 10.2, 11g, 11gR2 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(f) 10.2, 11g, 11gR2 Netezza NPS 3.1 ^(h) , 5.0 Teradata 13 |
| | RHEL AP (v. 5 for 32-bit x86) RHEL AP (v. 5 for 64-bit x86_64) RHEL AP (v5.3 for 64-bit x86_64) | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(f) 10.2, 11g, 11gR2 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(f) 10.2, 11g, 11gR2 Teradata 13 |

Notes:

- a. IBM Unica products minimally require the Express editions of the supported application servers. While IBM Unica products will run on and are compatible with other editions, IBM Unica products do not require nor do they take advantage of any of the advanced features provided by those editions.
IBM Unica supports only the JDK version 1.5 or higher, and Unica recommends using the version provided by the application server vendor.
- a. For IBM Unica products, IBM supports Sun JDK for WebLogic. Other JDKs are not supported (e.g. JRockit JDK).
If you are using WebLogic 9.2, MP3 or higher is required.
If you are using WebLogic 10, MP1 is required.
If you are using WebLogic 10gR3, AIX is not a supported operating system.
- b. Windows 2003 is supported only for the 32-bit operating system.
Windows 2003 Server SP1 or higher is required for SQL Server 2005.
For IBM Unica products, IBM supports 32-bit and 64-bit for Windows Server 2008.
- c. A JDBC type 4 database driver is required for all system table databases. For best results, use the JDBC drivers provided by the database vendor.
- d. Fixpack 2 or greater is required for DB2 v9.1.
- e. For Oracle, UTF-8 character encoding is required.
- f. Microsoft JDBC driver for SQL Server version 1.2 or higher is required.
- g. IBM Unica Distributed Marketing only supports 32-bit drivers for Netezza version 3.1.
- h. Fixpack 6.1.0.21 or later is required for WebSphere 6.1.

Client Web Browser

| Browser | Operating System |
|------------------------|------------------|
| Internet Explorer 7, 8 | Windows XP |
| Internet Explorer 7, 8 | Windows Vista |
| Internet Explorer 8 | Windows 7 |

Notes:

Minimum System Requirements

| Hardware | Browser Client | Distributed Marketing Server and Database Server on separate computers | Distributed Marketing Server and Database Server on same computer ^(d) |
|----------------------|---------------------|--|--|
| Processor | 2 GHz | 2 GHz, 2 CPUs ^(b) | 2 GHz, 4 CPUs |
| RAM | 512 MB | 2 GB per CPU | 2 GB per CPU |
| Available Disk Space | 1 GB ^(a) | 50 GB per DM server ^(c) 10 GB for database server | 100 GB |

Notes:

- a. Disk space on the client desktop computers may require more than 1GB depending on the amount of files downloaded.
- b. Two CPUs are recommended for a baseline of 50-100 concurrent users. Two additional CPUs should be added for every additional 50-100 concurrent users.
- c. This includes the IBM Unica Distributed Marketing server, templates, On-Demand and Corporate Campaign attachments.
- d. Although installing the IBM Unica Distributed Marketing server and database on the same computer is an option, Unica highly recommends installing the IBM Unica Distributed Marketing server and database on separate computers.

Additional Requirements***Email Server***

IBM Unica Distributed Marketing requires an SMTP server for outgoing email. Each user requires an email account to receive notifications.

No Longer Supported

The following 3rd party applications are no longer supported with IBM Unica Distributed Marketing version 8.5:

| Application Server | Operating System | System Table Database | Client Web Browser |
|--------------------|------------------|-----------------------|---------------------|
| | | Oracle 10.1 | Internet Explorer 6 |

IBM Unica eMessage

IBM Unica eMessage 8.x employs computing and data storage resources that are installed in your local environment and others that are hosted remotely by IBM Unica. The locally installed resources operate in conjunction with IBM Unica Campaign and support recipient selection and tracking of recipient responses. The remotely installed resources, known as Unica Hosted Services, support design, configuration, delivery, and tracking of personalized email messages.

IBM Unica eMessage requires that you install IBM Unica Marketing Platform and IBM Unica Campaign. The IBM Unica Campaign server must be appropriately configured to enable IBM Unica eMessage operation.

The following system requirements refer to the resources that must be available in your local environment to enable IBM Unica Campaign to operate with IBM Unica eMessage. Resource requirements in the Unica Hosted Services environment are provided and supported by Unica.

Software Environment Combinations

| Application Server (with embedded Web Server) ^(a) | Operating System | System Table Database ^(d) |
|---|--|---|
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere 6.1, 7.0 ^(h) | Windows Server ^(c) 2003, 2008, 2008R2 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 SQL Server ^(f) 2005, 2008, 2008R2 |
| | AIX 5.3, 6.1, 7.1 Solaris 9, 10 (SPARC) | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 |
| | RHEL AS (v. 4 for 32-bit x86) RHEL AS (v. 4 for 64-bit AMD64/Intel EM64T) RHEL AP (v. 5.4 for 32-bit x86) RHEL AP (v. 5.4 for 64-bit x86_64) SLES 9, 10, 11 for x86 SLES 10for x86_64 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle ^(g) 10.2, 11g, 11gR2 |
| | | |

Notes:

- a. IBM Unica products minimally require the Express editions of the supported application servers. While Unica products will run on and are compatible with other editions, Unica products do not require nor do they take advantage of any of the advanced features provided by those editions.
Unica supports only the JDK version 1.5 or higher, and Unica recommends using the version provided by the application server vendor.
- b. For IBM Unica products, IBM supports Sun JDK for WebLogic. Other JDKs are not supported (e.g. JRockit JDK).
If you are using WebLogic 9.2, MP3 or higher is required.
If you are using WebLogic 10, MP1 is required.
If you are using WebLogic 10g, release 3 is required (10gR3).
If you are using WebLogic 10gR3, AIX is not a supported operating system.
- c. For IBM Unica products, IBM supports 32-bit and 64-bit for Windows Server 2008.
IBM Unica Campaign products support only the Windows 32-bit operating system for Windows 2003.
Windows 2003 Server SP1 or higher is required for SQL Server 2005.
- d. A JDBC type 4 database driver is required for all system table databases. For best results, use the JDBC drivers provided by the database vendor.
- e. Fixpack 2 or later is required for DB2 version 9.1.

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- f. For SQL Server versions 2005 and 2008, the Microsoft JDBC driver for SQL Server version 1.2 is recommended. Although the 2.0 JDBC driver will work with IBM Unica eMessage, IBM Unica Campaign and IBM Unica Marketing Platform, environments which include IBM Unica Marketing Operations require the 1.2 driver.
 - g. If you are using IBM Unica Reports, the database must be Oracle version 10.2.0.4 or higher to function correctly. You must install the Oracle 10.2.0.4 patch, then run a command on the database. For details, refer to the “Third-party software related issues” section in the IBM Unica Campaign Reports Package Release Notes.
 - h. Fixpack 6.1.0.21 or later is required for WebSphere 6.1.
Patch 17 or greater is required for IBM WebSphere 7.0 (version 7.0.0.17 or greater).
-

Client Web Browser

| Browser | Operating System |
|---------------------------------------|--------------------------|
| Internet Explorer 7, 8 ^(b) | Windows XP |
| Internet Explorer 7, 8 ^(b) | Windows Vista |
| Internet Explorer 8 ^(b) | Windows 7 ^(a) |

Notes:

- a. Only 32-bit browsers are supported with Windows 7.
 - b. Internet Explorer 8 must be run in compatibility mode.
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Minimum System Requirements

IBM Unica eMessage is installed with IBM Unica Campaign. The minimum requirements for IBM Unica Campaign would meet the requirements for installing the Customer Premises portion of IBM Unica eMessage.

IBM Unica eMessage 8.0 requires internet access to connect to the Unica Hosted Services. IBM Unica eMessage processes will connect to Unica hosted services using the following protocols:

- Passive mode FTP over TLS/SSL (FTPS) and explicit authorization (FTPES)
- HTTP over SSL (HTTPS) to port 443

Additional Requirements

Reporting

The reporting capabilities for IBM Unica eMessage are powered by Cognos 8, (version 8.4), which is provided as an option with the IBM Unica eMessage software. If Cognos 8 is installed as part of the IBM Unica Marketing Platform, a separate reporting server is required and the minimum system requirements can found in the *Cognos 8.4 Installation and Configuration Guide*.

IBM Unica eMessage reporting with Cognos also requires a web server. For full compatibility information see <http://support.cognos.com>. The following version is recommended:

- Apache 2.0.48+ ^(a)
-

Notes:

- a. + indicates higher versions of the last number specified. For example, 2.0.48+ includes versions 2.0.48 through 2.0.99.
-

For Cognos 8 Software Environments, see

http://support.cognos.com/en/support/products/cognos84_software_environments.html.

No Longer Supported

The following 3rd party applications are no longer supported with IBM Unica eMessage version 8.5:

| Application Server | Operating System | System Table Database | Client Web Browser |
|--------------------|------------------|-----------------------|---------------------|
| | | Oracle 10.1 | Internet Explorer 6 |

IBM Unica Interact

IBM Unica Interact requires IBM Unica Marketing Platform and IBM Unica Campaign. The IBM Unica Campaign server must be appropriately configured to enable IBM Unica Interact operation.

Software Environment Combinations

| Application Server (with embedded Web Server) ^(a) | Operating System | System Table Database ^(e) | User Table Database ^{(e)(h)} |
|---|---|--|--|
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere ⁽ⁱ⁾ 6.1, 7.0 | Windows Server ^(c) 2003, 2008, 2008R2 | DB2 9.1 ^(f) , 9.5, 9.7 Oracle 10.2, 11g, 11gR2 SQL Server ^(g) 2005, 2008, 2008R2 | DB2 9.1 ^(f) , 9.5, 9.7 Oracle 10.2, 11g, 11gR2 SQL Server ^(g) 2005, 2008, 2008R2 |
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere ⁽ⁱ⁾ 6.1, 7.0 | AIX 5.3, 6.1, 7.1 Solaris 9, 10 (SPARC) RHEL AS (v. 4 for 32-bit x86) RHEL AS (v. 4 for 64-bit AMD64/Intel EM64T) RHEL AP (v. 5.4 for 32-bit x86) RHEL AP (v. 5.4 for 64-bit x86_64) SLES ^(d) 9, 10, 11 for x86 SLES ^(d) 10, 11 for x86_64 | DB2 9.1 ^(f) , 9.5, 9.7 Oracle 10.2, 11g, 11gR2 | DB2 9.1 ^(f) , 9.5, 9.7 Oracle 10.2, 11g, 11gR2 |

Notes:

- a. IBM Unica products minimally require the Express editions of the supported application servers. While IBM Unica products will run on and are compatible with other editions, Unica products do not require nor do they take advantage of any of the advanced features provided by those editions.
Unica supports only the JDK version 1.5 or higher, and Unica recommends using the version provided by the application server vendor.
- b. For IBM Unica products, IBM supports Sun JDK for WebLogic. Other JDKs are not supported (e.g. JRockit JDK).
If you are using WebLogic 9.2, MP3 or higher is required.
If you are using WebLogic 10, MP1 is required.
If you are using WebLogic 10g, release 3 is required (10gR3).
If you are using WebLogic 10gR3, AIX is not a supported operating system.
If you are using WebLogic 11gR1 with AIX 7.1, Oracle 11.2.0.2 is required.
- c. For IBM Unica products, IBM supports 32-bit and 64-bit for Windows Server 2008.
Unica Campaign products support only the Windows 32-bit operating system for Windows 2003.
Windows 2003 Server SP1 or higher is required for SQL Server 2005.
- d. For IBM Unica products, IBM supports the 32-bit operating system for SLES 9 on a 64-bit Intel processor platform.
For IBM Unica products, IBM supports 32-bit and 64-bit operating system for SLES 10 on a 64-bit Intel processor platform.
- e. An ODBC driver is required for all databases other than DB2 and Oracle.
A JDBC type 4 database driver is required for all system table databases. For best results, use the JDBC drivers provided by the database vendor.
- f. Fixpack 2 or later is required for DB2 version 9.1.
For version 9.5 or 9.7, DB2 driver class version 3.57.110 is recommended.

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- g. For best results with SQL Server versions 2005 and 2008, use the Microsoft JDBC driver for SQL Server version 1.2. Although the 2.0 JDBC driver will work with IBM Unica Interact, IBM Unica Campaign and IBM Unica Marketing Platform, environments which include IBM Unica Marketing Operations require the 1.2 driver.
 - h. IBM Unica Campaign users that use tables not supported by IBM Unica Interact (e.g. Netezza or Teradata) will need an ETL process to use that data in the IBM Unica Interact user tables for real-time profiles.
 - i. Fixpack 6.1.0.21 or later is required for WebSphere 6.1.
Patch 17 or greater is required for IBM WebSphere 7.0 (version 7.0.0.17 or greater).
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Client Web Browser

| Browser | Operating System |
|------------------------|--------------------------|
| Internet Explorer 7, 8 | Windows XP |
| Internet Explorer 7, 8 | Windows Vista |
| Internet Explorer 8 | Windows 7 ^(a) |

Notes:

- a. Only 32-bit browsers are supported with Windows 7.
-
-

Minimum System Requirements

| Hardware | Browser Client | Campaign Interact Server | System Table Database Server |
|----------------------|----------------|--------------------------|------------------------------|
| Processor | 2.0 GHz | 1.28 GHz, 4 CPUs | 2 GHz, 2 CPUs |
| RAM | 512 MB | 8 GB | 2 GB per CPU |
| Available Disk Space | N/A | 20 GB | 100 GB |

Because IBM Unica Interact is a high performance high availability application, system sizing requirements must be estimated based on the intended workload to be placed on the system. The correct sizing decision can have profound impact on the overall performance of the system, so customers should not procure hardware until scenarios and volume requirements have been analyzed. Please consult with an IBM Unica representative for assistance with the sizing process.

Additional Requirements

Reporting

The reporting capabilities for IBM Unica Interact are powered by Cognos 8, (version 8.4), which is provided as an option with the IBM Unica Interact software. If Cognos 8 is installed as part of the IBM Unica Marketing Platform, a separate reporting server is required and the minimum system requirements can be found in the *Cognos 8.4 Installation and Configuration Guide*.

IBM Unica Interact reporting with Cognos also requires a web server. For full compatibility information see <http://support.cognos.com>. The following version is recommended:

- Apache 2.0.48+ ^(a)
-

Notes:

- a. + indicates higher versions of the last number specified. For example, 2.0.48+ includes versions 2.0.48 through 2.0.99.
-

For Cognos 8 Software Environments, see

http://support.cognos.com/en/support/products/cognos84_software_environments.html.

No Longer Supported

No 3rd party applications have been removed from support for version 8.5 of IBM Unica Interact.

IBM Unica Optimize

IBM Unica Optimize requires IBM Unica Marketing Platform and IBM Unica Campaign. IBM Unica Optimize is supported only in 64-bit versions for production installations. The 32-bit versions are available for testing purposes only.

Software Environment Combinations

| Application Server (with embedded Web Server) ^(a) | Operating System | System Table Database ^(d) |
|---|---|--|
| WebLogic ^(b) 9.2, 10MP1, 10gR3, 11gR1 WebSphere ^(g) 6.1, 7.0 | Windows Server ^(c) 2003, 2008, 2008R2 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle 10.2, 11g, 11gR2 SQL Server ^(f) 2005, 2008, 2008R2 |
| | AIX 5.3, 6.1, 7.1 Solaris 9, 10 (SPARC) RHEL AS (v. 4 for 32-bit x86) RHEL AS (v. 4 for 64-bit AMD64/Intel EM64T) RHEL AP (v. 5.4 for 32-bit x86) RHEL AP (v. 5.4 for 64-bit x86_64) SLES 9, 10, 11 for x86 SLES 10, 11 for x86_64 | DB2 9.1 ^(e) , 9.5, 9.7 Oracle 10.2, 11g, 11gR2 |

Notes:

- a. IBM Unica Enterprise Marketing Management products minimally require the Express editions of the supported application servers. While IBM Unica Enterprise Marketing Management products will run on and are compatible with other editions, IBM Unica products do not require nor do they take advantage of any of the advanced features provided by those editions.
IBM Unica Enterprise Marketing suite supports only the JDK version 1.5 or higher, and Unica recommends using the version provided by the application server vendor.
- b. Unica supports Sun JDK for WebLogic. Other JDKs are not supported (e.g. JRockit JDK).
If you are using WebLogic 9.2, MP3 is required.
If you are using WebLogic 10, MP1 is required.
If you are using WebLogic 10g, release 3 is required (10gR3).
If you are using WebLogic 10gR3, AIX is not a supported operating system.
- c. IBM Unica supports 32-bit and 64-bit for Windows Server 2008.
Windows 2003 is supported only for the 32-bit operating system.

Windows 2003 Server SP1 or higher is required for SQL Server 2005.
- d. An ODBC driver is required for all databases other than DB2 and Oracle. The 64-bit version of the IBM Unica Optimize Analytic Server requires a 64-bit database driver (the 32-bit version of the IBM Unica Optimize Analytic Server requires a 32-bit database driver).
A JDBC type 4 database driver is required for all system table databases. For best results, use the JDBC drivers provided by the database vendor.
- e. Fixpack 2 or later is required for DB2 version 9.1.
- f. For best results with SQL Server versions 2005 and 2008, use the Microsoft JDBC driver for SQL Server version 1.2. Although the 2.0 JDBC driver will work with IBM Unica Optimize, IBM Unica Campaign and IBM Unica Marketing Platform, environments which include IBM Unica Marketing Operations require the 1.2 driver.

- g. Fixpack 6.1.0.21 or later is required for WebSphere 6.1.
Patch 17 or greater is required for IBM WebSphere 7.0 (version 7.0.0.17 or greater).

Client Web Browser

| Browser | Operating System |
|------------------------|--------------------------|
| Internet Explorer 7, 8 | Windows XP |
| Internet Explorer 7, 8 | Windows Vista |
| Internet Explorer 8 | Windows 7 ^(a) |

Notes:

- a. Only 32-bit browsers are supported with Windows 7.

Minimum System Requirements

| Hardware | Browser Client | Campaign Optimize Server |
|----------------------|----------------|------------------------------|
| Processor | 2.0 GHz | 2 GHz, 2 CPUs ^(a) |
| RAM | 512 MB | 2 GB per CPU |
| Available Disk Space | N/A | 100 GB |

Notes:

- a. If multi-threaded optimization will be enabled, your IBM Unica Optimize server (hardware) must have a L2 cache size of at least 3 MB per CPU. Actual performance benefit may be highly dependent on L2 cache size and hardware architecture. You should work with Unica Professional Services for hardware recommendations.

No Longer Supported

The following 3rd party applications are no longer supported with IBM Unica Optimize version 8.5:

| Application Server | Operating System | System Table Database | Client Web Browser |
|--------------------|------------------|-----------------------|---------------------|
| | | Oracle 10.1 | Internet Explorer 6 |