

SUN SEEBEYOND  
**eGATE™ INTEGRATOR**  
**RELEASE NOTES**

**Release 5.1.2**



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Part Number: 819-7395-10

Version 20061005181600

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# Introduction

This chapter describes the new features in this release of Sun SeeBeyond eGate™ Integrator, the scope and organization of this document, and provides references to additional sources of relevant information.

## What's in This Chapter

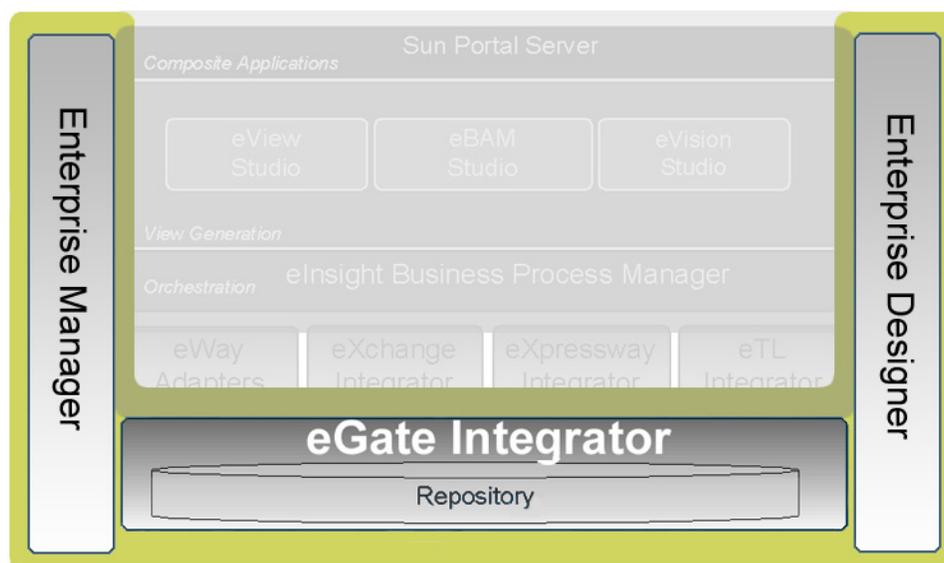
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## 1.1 About eGate Integrator

Sun SeeBeyond eGate Integrator is a distributed integration platform that serves as the foundation of the Sun Java™ Composite Application Platform Suite, as depicted in Figure 1.

**Figure 1** Sun SeeBeyond eGate Integrator



The user interfaces — Sun SeeBeyond Enterprise Designer for Project design and Sun SeeBeyond Enterprise Manager for system management and monitoring — ensure a unified look and feel across all editors in the suite, with a single sign-on process for access to any product.

The heart of eGate Integrator is the Repository, which is a comprehensive store of information common to the entire Sun Java™ Composite Application Platform Suite. A separate UDDI registry allows publication and discovery of web services.

The run-time environment, which is J2EE™-compatible and certified, features high performance and dynamic scalability. The architecture uses Enterprise JavaBeans (EJBs) with Java™ Message Service (JMS) and Java™ Naming and Directory Interface (JNDI).

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## 1.2 Related Documents

The following Sun documents provide additional information about the eGate Integrator system as explained in this guide:

- *Sun Java™ Composite Application Platform Suite Installation Guide*
- *Sun Java™ Composite Application Platform Suite Primer*
- *Sun SeeBeyond eGate™ Integrator JMS Reference Guide*
- *Sun SeeBeyond eGate™ Integrator System Administration Guide*
- *Sun SeeBeyond eGate™ Integrator User's Guide*
- *Sun SeeBeyond eGate™ Integrator Tutorial*

For information on a specific add-on product (for example, an eWay Intelligent Adapter), see the User's Guide for that product. A complete list of Sun Java™ Composite Application Platform Suite documentation is included in the *Sun Java™ Composite Application Platform Suite Primer*.

The documentation for the Sun Java™ Composite Application Platform Suite is distributed as a collection of online documents, which can be accessed through the Enterprise Manager (see the *Sun Java™ Composite Application Platform Suite Installation Guide*). These documents are in Adobe Acrobat format, which requires that Acrobat Reader be installed on your computer. Acrobat Reader can be from Adobe Systems as a free download from the following URL:

<http://www.adobe.com>

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## 1.3 Sun Microsystems, Inc. Web Site

The Sun Microsystems web site is your best source for up-to-the-minute product news and technical support information. The site's URL is:

<http://www.sun.com>

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## 1.4 Documentation Feedback

We appreciate your feedback. Please send any comments or suggestions regarding this document to:

[CAPS\\_docsfeedback@sun.com](mailto:CAPS_docsfeedback@sun.com)

# New Features in This Release

This chapter discusses eGate Integrator features that are new in Release 5.1.2.

### What's in This Chapter

- **Architecture and Compatibility** on page 8
- **Web Services** on page 8
- **Enterprise Manager** on page 8
- **Enterprise Designer** on page 9
- **Documentation** on page 9

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## 2.1 Architecture and Compatibility

- Updated operating system and processor support (see the *Sun Java™ Composite Application Platform Suite Installation Guide* for a complete listing).

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## 2.2 Web Services

New features related to Web Services include:

- Ability to invoke a web service from within a Java Collaboration Definition.
- Ability to use an HTTP Proxy Server to connect to internet resources.
- Ability to import and use WSDL files that support SOAP encoding.

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## 2.3 Enterprise Manager

Enhancements related to Enterprise Manager include:

- Support for deployment and management of applications (EAR files) to multiple instances of the Sun Java System Application Server.
- Support for viewing Sun Java Message Service Grid topics.

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## 2.4 Enterprise Designer

Enhancements related to Enterprise Designer include:

- Support for accessing internet through an HTTP Proxy server.
- Support for adding Sun Java Message Service Grid client to Environments.
- Modifications to GUI to improve user experience.

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## 2.5 Documentation

New features related to eGate Integrator documentation include:

- The *Sun SeeBeyond eGate™ Integrator JMS Reference Guide* has been reorganized and extensively rewritten.
- The *Sun SeeBeyond eGate™ Integrator System Administration Guide* has been updated, and now includes information on monitoring JMS IQ Managers formerly in the *Sun SeeBeyond eGate™ Integrator JMS Reference Guide*.
- The *Sun SeeBeyond eGate™ Integrator User's Guide* has been updated, and now contains additional information on configuring JMS clients and message servers formerly in the *Sun SeeBeyond eGate™ Integrator JMS Reference Guide*.

# New Features in the 5.1.1 Release

This chapter discusses eGate Integrator features that were new in Release 5.1.1.

### What's in This Chapter

- **Architecture and Compatibility** on page 10
- **Performance** on page 10
- **Web Services** on page 11
- **Enterprise Manager** on page 11
- **Enterprise Designer** on page 11
- **Documentation** on page 11

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## 3.1 Architecture and Compatibility

New features related to architecture and compatibility include:

- Additional operating system support for UDDI Registry.
- In-place upgrade installation from 5.1.0 to 5.1.1 for the following modules:
  - ♦ Repository
  - ♦ UDDI Registry
  - ♦ Enterprise Manager
  - ♦ Logical Host

For information regarding operating system and language support, please refer to the *Sun Java™ Composite Application Platform Suite Installation Guide*.

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## 3.2 Performance

New features related to performance include:

- Numerous refinements to provide improved run-time performance.

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## 3.3 Web Services

New features related to Web Services include:

- *Save As* functionality for WSDL Objects and XSD Objects.
- Ability to build a web service (server) based on a Collaboration Definition (Java) employing an XSD Node to provide the input and output messages.

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## 3.4 Enterprise Manager

New features related to Enterprise Manager include:

- Ability to deploy Projects to BEA WebLogic Server 9.1.
- Ability to manage and monitor Projects deployed to BEA WebLogic Server 9.1.

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## 3.5 Enterprise Designer

New features related to Enterprise Designer include:

- Enhancements and refinements to the user interface, including menus, menu options, icons and keyboard shortcuts.
- Support for running commandline codegen on Linux and Solaris, and from a remote host.

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## 3.6 Documentation

New features related to eGate Integrator documentation include:

- Reorganized eGate Integrator User's Guide.

# New Features in the 5.1.0 Release

This chapter discusses eGate Integrator features that were new in Release 5.1.0.

## What's in This Chapter

- [Architecture and Compatibility](#) on page 12
- [Web Services](#) on page 13
- [Enterprise Manager](#) on page 13
- [Enterprise Designer](#) on page 13
- [Logical Host](#) on page 14
- [Documentation](#) on page 14

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## 4.1 Architecture and Compatibility

New features related to architecture and compatibility include:

- Architectural changes to separate the Logical Host and Enterprise Manager from the Repository providing for running and monitoring a Logical Host without the requirement that a Repository be running.
- The Sun SeeBeyond Integration Server is now J2EE 1.4 certified.
- Sun Java™ System Application Server 8.1 EE is now supported.
- Sun Java™ System JMS Server is now supported.
- New and improved command line tools for building projects, deployment, monitoring, alert management, and for publishing WSDL documents.
- Some log files now use the Java™ Logging API, rather than the log4j API.
- If backing up the Repository creates a backup file that is larger than 2 GB, then multiple backup files are created instead.
- Updated operating system and processor support (see the *Java™ Composite Application Platform Suite Installation Guide* for a complete listing).

For information regarding operating system and language support, please refer to the *Java™ Composite Application Platform Suite Installation Guide*.

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## 4.2 Web Services

New features related to Web Services include:

- Enterprise Designer now contains a new XML Schema Editor and an enhanced WSDL Editor.
- The UDDI Registry can be run as an independent service.
- You can now secure web services in eGate Integrator by using SOAP Message Security, HTTP basic authentication, and Transport Layer Security (TLS).
- There is now support for securing Web Services using OASIS WS-Security Username Token and SAML Token Profiles.

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## 4.3 Enterprise Manager

- Enterprise Manager is now independent from the Repository. For most runtime and monitoring tasks, the Repository does not need to be running.
- A new category of user management for Enterprise Manager has been added and the management role for Repository users has been deprecated.
- You can now manage Schema Runtime Environment (SRE) and Java™ 2 Platform, Enterprise Edition (J2EE™) Projects from within the same Enterprise Manager interface.
- You now configure the Integration Server properties from Enterprise Manager, instead of Enterprise Designer.
- The Domain Manager GUI tool has been added (the Domain Manager is supported only on Windows).
- Enterprise Manager provides new deployment and monitoring functionality.
- The alerts portion of Enterprise Manager now displays Deployment Profile information, as well as the total number of alerts for each alert type.
- The steps to configure Lightweight Directory Access Protocol (LDAP) for Logical Host users has moved from Enterprise Designer to Enterprise Manager.

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## 4.4 Enterprise Designer

New features related to Enterprise Designer include:

- Version control enhancements including version selection in Deployment Profiles, branching, and tagging.
- Enhanced import/export functionality.
- Usability improvements in Enterprise Designer including:

- ◆ Cut/copy/paste of components.
- ◆ Undo/redo in the OTD Editor.
- ◆ Easier business rule generation in Java-based Collaborations.
- ◆ Auto Connectivity Map generation.
- ◆ Cosmetic enhancements to Enterprise Designer GUI for improved uniformity and consistency.
- Enhancements to Collaboration Definition editors for easier graphical design.
- User-Defined OTD enhancements including internal and external templates.
- Separation of Build and Deploy in the Deployment Profile.
- Enterprise Designer now allows you to specify application configuration properties dynamically. (You specify an LDAP URL that points to an attribute in an LDAP server. The actual value is retrieved from the LDAP server at runtime.)

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## 4.5 Logical Host

- The Logical Host is now defined as a directory that contains one or more domains. Each domain contains an integration server and a message server. The Logical Host is no longer managed by the Management Agent.
- The Logical Host is now independent from the Repository.
- To deploy a Project to the Sun SeeBeyond Integration Server, you create an EAR file for the Project and then deploy the EAR file to a running domain by using Enterprise Designer, Enterprise Manager, or a command-line tool.
- You now manage runtime users for individual Logical Hosts, rather than at the Environment level. As a result, the term Environment user management has been replaced by the term Logical Host user management.
- Enterprise Designer no longer contains a feature that enables you to upload third party files to the Logical Host. If you need to upload third-party files for an eWay™ Adapter, then see the corresponding eWay Adapter user's guide for instructions.
- The Integration Server now has a log file that enables you to determine which user deployed or un-deployed an application.

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## 4.6 Documentation

New features related to documentation include:

- New online HTML Help.
- New JavaHelp feature in Enterprise Designer.