

# **TIBCO Administrator™**

## **Release Notes**

*Software Release 5.10.0  
August 2015*

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# Preface

TIBCO Administrator™ includes two main components, the administration server and TIBCO Administrator GUI. The administration server manages resources in an administration domain. The TIBCO Administration GUI provides a web browser interface, where you can configure users and applications, deploy applications, and monitor processes and machines in an administration domain.

## Topics

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- [Related Documentation, page vi](#)
- [Typographical Conventions, page viii](#)
- [Connecting with TIBCO Resources, page xi](#)

## Related Documentation

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This section lists documentation resources you may find useful.

### TIBCO Administrator Documentation

The following documents form the *TIBCO Administrator*<sup>™</sup> documentation set:

- *TIBCO Administrator*<sup>™</sup> *Installation* Read this manual for instructions on site preparation and installation.
- *TIBCO Administrator*<sup>™</sup> *User's Guide* Read this manual for instructions on using the product to manage users, resources, and applications inside an administration domain.
- *TIBCO Administrator*<sup>™</sup> *Server Configuration Guide* Read this manual for instructions on using the administration server to manage projects and repositories, using command-line tools, performing conversions, and so on. The manual is written primarily for system administrators.
- *TIBCO Administrator*<sup>™</sup> *Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

### Other TIBCO Product Documentation

You may find it useful to read the documentation for the following TIBCO products:

- **TIBCO Runtime Agent**<sup>™</sup>: TIBCO Runtime Agent is a bundle of TIBCO software and third-party software that is needed to run many TIBCO applications such as TIBCO ActiveMatrix BusinessWorks and TIBCO Adapters.
- **TIBCO Designer**<sup>™</sup>: This graphical user interface is used for designing and creating integration project configurations and building an Enterprise Archive (EAR) for the project. The EAR can then be used by TIBCO Administrator for deploying and running the application.
- **TIBCO Hawk**<sup>®</sup>: This is a tool for monitoring and managing distributed applications and operating systems.
- **TIBCO Rendezvous**<sup>®</sup>: Rendezvous enables programs running on many different kinds of computers on a network to communicate seamlessly. It includes two main components: the Rendezvous application programming interface (API) in several languages, and the Rendezvous daemon.

- TIBCO Enterprise Message Service™: This software lets application programs send and receive messages using the Java Message Service (JMS) protocol. It also integrates with TIBCO Rendezvous and TIBCO SmartSockets® messaging products.
- TIBCO ActiveMatrix BusinessWorks™: ActiveMatrix BusinessWorks is a scalable, extensible, and easy to use integration platform that allows you to develop integration projects. ActiveMatrix BusinessWorks includes a GUI for defining business processes and an engine that executes the process.
- TIBCO® Adapter software: TIBCO Runtime Agent is a prerequisite for TIBCO Adapter products. You will therefore find TIBCO Adapter product documentation useful.

# Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>ENV_NAME</i> <i>TIBCO_HOME</i> <i>TRA_HOME</i>	<p>TIBCO products are installed into an installation environment. A product installed into an installation environment does not access components in other installation environments. Incompatible products and multiple instances of the same product must be installed into different installation environments.</p> <p>An installation environment consists of the following properties:</p> <ul style="list-style-type: none"><li>• <b>Name</b> Identifies the installation environment. This name is referenced in documentation as <i>ENV_NAME</i>. On Microsoft Windows, the name is appended to the name of Windows services created by the installer and is a component of the path to the product shortcut in the Windows Start &gt; All Programs menu.</li><li>• <b>Path</b> The folder into which the product is installed. This folder is referenced in documentation as <i>TIBCO_HOME</i>.</li></ul> <p><i>TIBCO Administrator</i> installs into a directory within a <i>TIBCO_HOME</i>. This directory is referenced in documentation as &lt;ProductAcronym&gt;_HOME. The default value of &lt;ProductAcronym&gt;_HOME depends on the operating system. For example on Windows systems, the default value is C:\tibco\&lt;ProductAcronym&gt;\&lt;ReleaseNumber&gt;.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use MyCommand to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"><li>• In procedures, to indicate what a user types. For example: Type <b>admin</b>.</li><li>• In large code samples, to indicate the parts of the sample that are of particular interest.</li><li>• In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [<b>enable</b>   disable]</li></ul>



Table 1 General Typographical Conventions (Cont'd)




Convention	Use
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> <li>• To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>.</li> <li>• To introduce new terms. For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal.</li> <li>• To indicate a variable in a command or code syntax that you must replace. For example: <code>MyCommand PathName</code></li> </ul>
Key combinations	<p>Key name separated by a plus sign indicate keys pressed simultaneously. For example: <code>Ctrl+C</code>.</p> <p>Key names separated by a comma and space indicate keys pressed one after the other. For example: <code>Esc, Ctrl+Q</code>.</p>
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Table 2 Syntax Typographical Conventions

Convention	Use
[ ]	<p>An optional item in a command or code syntax.</p> <p>For example:</p> <p><code>MyCommand [optional_parameter] required_parameter</code></p>
	<p>A logical OR that separates multiple items of which only one may be chosen.</p> <p>For example, you can select only one of the following parameters:</p> <p><code>MyCommand param1   param2   param3</code></p>

Table 2 *Syntax Typographical Conventions (Cont'd)*

Convention	Use
{ }	<p>A logical group of items in a command. Other syntax notations may appear within each logical group.</p> <p>For example, the following command requires two parameters, which can be either the pair param1 and param2, or the pair param3 and param4.</p> <pre>MyCommand {param1 param2}   {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either param1 or param2 and the second can be either param3 or param4:</p> <pre>MyCommand {param1   param2} {param3   param4}</pre> <p>In the next example, the command can accept either two or three parameters. The first parameter must be param1. You can optionally include param2 as the second parameter. And the last parameter is either param3 or param4.</p> <pre>MyCommand param1 [param2] {param3   param4}</pre>

## Connecting with TIBCO Resources

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### How to Join TIBCOCommunity

TIBCOCommunity is an online destination for TIBCO customers, partners, and resident experts. It is a place to share and access the collective experience of the TIBCO community. TIBCOCommunity offers forums, blogs, and access to a variety of resources. To register, go to <http://www.tibcommunity.com>.

### How to Access TIBCO Documentation

You can access TIBCO documentation here:

<http://docs.tibco.com>

### How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, contact TIBCO Support as follows:

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.



# Release Notes

See the TIBCO Product Support web site at <http://support.tibco.com> for product information that was not available at release time. Entry to this site requires a username and password. If you do not have one, you can request for one. You must have a valid maintenance or support contract to use this site.

## Topics

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- [New Features, page 2](#)
- [Changes in Functionality, page 22](#)
- [Deprecated Features, page 32](#)
- [Migration and Compatibility, page 35](#)
- [Closed Issues, page 36](#)
- [Known Issues, page 72](#)

## New Features

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This section lists the new features in the named releases.

### Release 5.10.0

The following are the new features in this release.

#### Support for EMS administration Using SSL connections

Using the EMS plug-in, you can now monitor and manage EMS servers using SSL connections.

#### Logging of Operations

The `audit.log` now records the password policy management operations.

#### Supported Platforms

This release adds support for:

- Microsoft Windows 8.1 (64-bit)
- Red Hat Enterprise Linux 7.x (64-bit)
- Oracle Enterprise Linux 7.x (64-bit)

#### Supported Databases

This release adds support for:

- Oracle 12c RAC
- Microsoft SQL Server 2014

#### Updated Package Contents

The following packages are updated in this release:

- TIBCO Wrapper 2.4.6 (The wrapper, pwrapper, and gwrapper assemblies are installed in the 32-bit and 64-bit directories.)
- TIBCO Rendezvous 8.4.3
- TIBCO Hawk 5.2.0

- TIBCOXML 5.60.0.002
- TIBCrypt 2.18.300.001
- TIBCO Universal Installer 3.4.1

### **Third-Party Software Bundle**

This release adds support for:

- Tomcat 7.0.62
- JRE 1.8

## **Release 5.9.1**

The following are the new features in this release.

### **Support for Apple Safari 5.x**

TIBCO Administrator now supports Apple Safari 5.x and above.

### **Third-Party Software Bundle**

The following third-party software is now bundled with TIBCO Administrator:

- Tomcat 7.0.57

### **Microsoft SQL Server**

- Microsoft JDBC driver 4.0

### **Supported Database Servers**

- IBM DB2 10.1

## **Release 5.9.0**

The following are the new features in this release.

### **Supported Platforms**

This release adds support for Windows 8, Windows Server 2012, Windows Server 2012 R2, and Oracle Enterprise Linux 6.x.x (x86 and x86-64).

**Supported Browsers**

Internet Explorer 11, Internet Explorer 10, and Chrome 32.x.x.

**Third-party Software Bundle**

The following third-party software is now bundled with TIBCO Administrator:

- Tomcat 7.0.52

**Supported Databases**

This release adds support for Oracle 12c and Microsoft SQL Server 2012.

**Release 5.8.0**

The following are the new features in this release.

**Supported Platforms**

This release adds support for Solaris 11 Sparc, Solaris (x86 and x86-64) 11, and AIX 7.1.

**Supported Browsers**

This release adds support for Microsoft Internet Explorer 9.

**Third-party Software Bundle**

The following third-party software is now bundled with TIBCO Administrator:

- Tomcat - 7.0.30
- JRE 1.7 (JRE 1.6 and lower versions are not supported. Refer to [Deprecated Features, page 32](#) to see a list of older platforms that are no longer supported in this release for compatibility with JRE 1.7.)

**Supported Databases**

This release adds support for DB2 9.7 HA for new domains. For domains that are migrated, recreate the domain using TIBCO Administrator 5.8.0.



## Release 5.7.1

The following are the new features in this release:

### Supported Platforms

The following platforms are supported in this release:

- Oracle Enterprise Linux Server 5.1
- IBM (POWER) AIX 7
- Red Hat Enterprise Linux 6.x

### Third-party Software Bundle

The following third-party software is now bundled with TIBCO Runtime Agent:

- JRE 1.6
  - JRE 1.6 update 30 on Windows, Solaris, and Linux platforms.
  - JRE 1.6 update 13 on HP-UX platforms.
  - JRE 1.6 (SR10) on AIX platforms.
- Apache Tomcat 5.5.34

### Microsoft SQL Server

Microsoft JDBC driver 3.0 is supported in this release.

## Release 5.7.0

The following are the new features in this release.

### Supported Platforms

This release adds support for the following platforms:

- Microsoft Windows 7
- Microsoft Windows 2008 SP1
- Microsoft Windows Server 2003 R2
- Microsoft Windows Server 2008 R2
- 64 bit installation package for supported Windows platforms

**Supported Databases**

This release adds support for the following databases:

- Microsoft SQL Server 2008 R2
- Oracle 11g R2, 11g R2 RAC
- Oracle 10g R2, 10g R2 RAC

**Supported LDAP Servers**

This release adds support for the following LDAP Servers:

- Microsoft Active Directory 2008
- Microsoft Active Directory 2008 R2
- Microsoft Active Directory Lightweight Directory Service 2008
- Microsoft Active Directory Lightweight Directory Service 2008 R2
- CA Directory Server r8.1
- OpenLDAP 2.3

**Supported Browsers**

This release adds support for the following browsers:

- Internet Explorer 8
- Mozilla Firefox 3.x

**Third-party Software Bundle**

- Apache Tomcat 5.5.30

**Release 5.6.1****Supported Platforms**

- IBM AIX 6.1
- Red Hat Enterprise Linux 5.x
- SUSE Linux Enterprise 10.2 and 11

**Supported Database Servers**

- Microsoft SQL Server 2008

- Oracle 11g and 11g RAC
- IBM DB2 9.5

**Supported LDAP Servers**

- Novell eDirectory 8.8.2 and 8.8.4

**Supported Web Browsers**

- Mozilla Firefox 3.x

**Release 5.6.0****Supported Platforms**

- Solaris 10 (now supports C++ applications also)
- Windows 2008 Server
- Windows Vista

**Supported Database Servers**

- IBM DB2 V9

**Supported LDAP Servers**

CA Directory Server is now supported.

**Supported Browsers**

- Mozilla Firefox 2
- Internet Explorer 7

**64-bit Installation Improvement**

64-bit installation packages are now provided with near-zero configuration.

**JRE 1.6 Support**

JRE 1.6 is now supported.

## Vendor-supplied Database Drivers

Database drivers supplied by the database vendor are now supported for Oracle (thin and thick) and Microsoft SQL Server.

## Password Encryption

- The `server.xml` file for the Tomcat server now encrypts passwords.
- Users can now choose to use dynamically generated keys to encrypt password-type data in deployed applications.

## Deployment Revision History Management

Users can now limit the number of revisions to keep for a deployed application. They can also use this feature to instantly truncate the deployment revisions in the TIBCO Administrator GUI.

## Logging Enhancement

Additional logging messages for critical events and activities that are clear and easy to understand are now included in the `ApplicationManagement.log` file.

## Tomcat Shutdown Security

A password is now required when shutting down the Tomcat server via the shutdown port for better security of that port.

## Transparent Application Failover with Oracle 10gR2 (and the Oracle Thick Driver)

When a TIBCO Administration Domain is persisted in Oracle 10gR2 RAC (using the Oracle Thick Driver) that is configured for Transparent Application Failover, TIBCO Administrator can continue to function without any interruptions or loss of operation when failover between Oracle RAC Database instances occurs.

## Release 5.4.0

### Set Global Variables at Service Instance Level

Using the TIBCO Administrator GUI, you can set global variables at the service instance level. Previously you could only do so using the `AppManage` command line utility. Each service instance can use the same global variable and assign it a different value. See the *TIBCO Administrator User's Guide* for details.

## **TIBCO Administrator GUI Changes**

The left panel can now be hidden. You can toggle the state of the left panel (viewable, or hidden) using the View icon. The icon is located in the top TIBCO Administrator GUI frame.

## **Additional DBMS Support for Administration Domain Data**

The bundled DataDirect drivers have been updated to version 3.6. The following databases are now supported for administration domain repositories and application repositories:

- Microsoft SQL Server 2005
- Oracle 10g R2 (10.2.x.x)
- Oracle 10g RAC
- IBM DB2 Universal Database 8.2 FixPak 3

## **Additional Platform Support**

- Solaris 10 on x86

## **Support for JAAS**

TIBCO Administrator implements the Java Authentication and Authorization Service (JAAS) framework. This allows you to perform Web authentication and authorization in applications that use the administration server. See the *TIBCO Administrator Server Configuration Guide* for details.

## **Support for JDK 1.5**

JDK 1.5 is now supported.

## **Support for Apache Tomcat 5.5**

Apache Tomcat 5.5 is now supported.

## **Release 5.3.0**

The following list of new features is replicated in *TIBCO Runtime Agent™ Release Notes*.

## Local Application Data

You can configure an administration domain to push local application data to each target machine on which an application is deployed. This allows the application to run without accessing application data from the administration server. See the *TIBCO Administrator Server Configuration Guide* for more information.

You can also specify an application to use local application data when it is deployed using the TIBCO Administrator GUI. See the *TIBCO Administrator User's Guide* for more information.

## Password Policy

When creating an administration domain, you can specify that a password policy be used in the domain. Doing so allows the applications running in the domain to meet fundamental security requirements defined in the Sarbanes-Oxley Act. See the *TIBCO Administrator Server Configuration Guide* for more information.

The policy can be set when creating or editing an administration domain or later modified using the TIBCO Administrator GUI. See the *TIBCO Administrator User's Guide* for more information.



When using TIBCO Domain Utility to create an administration domain you can specify that a restrictive policy be used for the domain. Similarly, when using the TIBCO Administrator GUI to manage the password policy, you can modify the StrongPolicy.xml file and load it into the domain. The following features in the restrictive policy and StrongPolicy.xml file are not available. They are commented out in the StrongPolicy.xml file and must not be set:

- `<!-- PasswordAging Max="90" / -->`
- `<!-- ForceInitialPasswordChange>true</ForceInitialPasswordChange -->`

As a result, users are not forced to change their password on first login and passwords do not expire. **If the above features are set, users will be unable to use the TIBCO Administrator GUI to login to the domain.**

## Cluster Support

You can now install TIBCO applications into a cluster environment. Note that TIBCO applications are cluster-unaware. The applications can be managed seamlessly by cluster software, but do not use any cluster features. Several new fields are available in TIBCO Domain Utility that allow you to configure a administration domain for use in a cluster. See the *TIBCO Runtime Agent Installing Into a Cluster* guide for more information.

## Additional Deployment Options

Two new deployment options are available in the TIBCO Administrator GUI and in the AppManage utility.

- When redeploying an application, you can choose to not stop running instances that are already deployed. Doing so minimizes the downtime caused by redeployment.
- You can now force an application to be redeployed even when it is in a synchronized state.

## Application Domains

An application domain stores data in an application repository rather than in the administration domain repository. This allows you to store configuration information required by the application at runtime in a repository that is independent of the administration domain repository. Application domains are defined in the TIBCO Administrator GUI. This feature is available only to TIBCO applications that support it.

## Permissions on Roles

Roles are used in setting permissions for application resources, such as applications, services, portlets, pages, workflow and so on. Permissions can now be set on roles themselves, as on applications resources. This means you can specify who is permitted to access a role and at what access level.

The roles dialog has an additional tab labeled **Security** where access permissions to the role can be set. A user, role or both can be assigned and the following permission types set:

- Read access that allows viewing role details such as the role name, description, membership list and roles tree.
- Write access that allows changing role details such as the role name, description, membership list and roles tree. Write access also allows a user to create or delete child roles and the role itself.
- Administer access that allows setting authorization permissions on the role. This can be set from the security module.

## Support for Groups with Large Membership in Active Directory

When an administration domain is configured to use Active Directory and more than 1000 users are defined for a group, all users in the group are now loaded into TIBCO Administrator.

## LDAP Alias Support

For all supported LDAP servers, TIBCO Administrator now supports the use of LDAP aliases in corporate LDAP directories. An alias points to another object in a namespace. You can also specify that an alias be dereferenced when creating an LDAP based administration domain.

## Local Users in LDAP Integrated Domains

You can create local users in an administration domain that is integrated with an LDAP directory. See the *TIBCO Administrator User's Guide* for details.

## Caching Support

TIBCO Administrator now includes the EHCACHE product that provides a simple, fast and thread-safe cache facility. EHCACHE allows you to configure caching per object type. You can specify that only certain objects are cached after the first iteration. See the *TIBCO Administrator Server Configuration Guide* for more information.

## Command Line Utilities

The following command line utilities are new in this release. The utilities are in the *TIBCO\_TRA\_HOME\bin* directory.

- **CorpRoleSynchronizer**

This utility allows you to synchronize LDAP groups for an administration domain. If the LDAP directory that is associated with your administration domain undergoes significant changes, you can use the `CorpRoleSynchronizer` utility to bring the domain in sync with the LDAP directory. See the *TIBCO Administrator User's Guide* for more information.

- **CorpUserSynchronizer**

This utility allows you to pre load LDAP user objects into an administration domain. Pre loading users prevents the administrator server from being overloaded if many new users access an application in a short period of time. See the *TIBCO Administrator User's Guide* for more information.

- **RedeployAllAppsForUser**

This utility allows you to change the password in all deployed applications' properties files (.tra files) that are used to retrieve configuration data from the administration server. The command determines which applications in the given domain use the specified userid, and then updates their configurations and redeploys them. See the *TIBCO Administrator Server Configuration Guide* for more information.



## New Administration Server Properties

The following properties for the administration server are new in this release:

- `DisableAdministratorClearLocks`—Objects stored in the administration, authorization and application domains can acquire locks. By default, these locks are cleared when the administration server starts. You can change this behavior by setting `DisableAdministratorClearLocks` to true so that locks are not cleared when the administration server starts for the administration domain where the property is set.
- `repo.isRepoNavigatorEnabled`. If set to true (the default), the repository instances on the administration server can be viewed using the URL: `http://host:port/administrator/repo`. When this property is enabled, any user can view global variables, which may pose as a security hole. If security is a concern, this property should not be enabled.

## AppManage Options

The AppManage utility has been enhanced with several new options. See the *TIBCO Runtime Agent Scripting Deployment User's Guide* for more information.

The `batchStart`, `batchStop` and `batchKill` options are now included that allow you to do the following operations in batch mode.

- Deploy applications
- Undeploy applications
- Start or stop applications
- Delete applications
- Kill applications

The `max` option allows you to create a deployment configuration file that includes all possible XML tags.

## Additional Platform Support

Solaris 10 is now supported, both in 32-bit and 64-bit modes.

## Documentation

The *TIBCO Runtime Agent Installing Into a Cluster* guide is new in this release. The guide is part of the TIBCO Runtime Agent documentation set and is available in the `TIBCO_TRA_HOME\doc` folder.

## Release 5.2.1

No new features have been introduced in release 5.2.1.

## Release 5.2.0

### Scripts

- Scripting deployment. This was previously released as an add-on-pack and is now included in this release. The following command line utilities are part of scripting deployment:
  - The `buildear` utility builds an enterprise archive file based on an Enterprise Archive resource that is defined in a TIBCO Designer™ project.
  - The `AppManage` utility creates an XML based deployment configuration file where deployment options can be defined. The utility uploads the deployment file and enterprise archive file into an administration domain. It is used to undeploy or delete applications. It can also start or stop service instance. The utility can batch deploy, undeploy or delete applications.

See the *TIBCO Runtime Agent Scripting Deployment User's Guide* for details.

- MoveMachine utility. This utility moves an administration domain from one machine to another machine. It changes all references from the old machine to the new machine in the specified administration domain. See the *TIBCO Administrator Server Configuration Guide* for details.
- ImportDomainSecurity and ExportDomainSecurity utilities. These utilities are designed for data loading (for example, batch loading users into an administration domain), synchronizing user and role data between domains, and backing up domain data. See the *TIBCO Administrator Server Configuration Guide* for details.

### User and Role Management

- Roles and Role Hierarchy Enhancements
  - Standard roles can include users and other roles.
  - Inheritance of membership from child roles is now optional.
  - Multiple LDAP group-synchronized roles with the same name at the same role hierarchy level are allowed.
  - Circular loops in LDAP groups are handled correctly.
- TIBCO applications can create application-specific user profiles.

- Role synchronization with LDAP groups enhancements:
  - You can specify which LDAP groups are to be synchronized in TIBCO Administrator.
  - You can force a manual synchronization of TIBCO Administration roles and LDAP Groups in TIBCO Administrator.
  - You can set multiple search criteria for LDAP groups and users when creating an administration domain in TIBCO Domain Utility.

### **LDAP Directory Server Integration**

- LDAP directory servers with referrals are supported.
- NetBIOS domain based names with Active Directory are supported. This allows users to exist with the same name across different Active Directory domains.
- The following additional LDAP directory servers are supported:
  - Sun One Directory Server 5.2
  - Novell eDirectory 8.7.3

### **TIBCO Administrator GUI Enhancements**

- Many consoles and tabs have been renamed for usability.
- Tool tips for roles have been added (description, paths, LDAP DN)
- The security dialog displays an expanded list of all authorized users.

### **Plugin Management**

- TIBCO applications can use the plug-in management facility to add plug-ins to TIBCO Administrator.
- Users can remove, add or update plug-ins.

### **User Profiles**

- You can set the auto refresh interval for your account.

### **Application Management**

- The All Applications console is new in this release. The console allows you to deploy, undeploy, upgrade, move or delete selected applications in one operation.

- TIBCO BusinessWorks™ process engines have the following new options:
  - Kill Jobs Timeout. Allows you to set the number of seconds to wait before killing all running jobs.
  - Wait for Checkpoint. Allows you to specify that jobs should be stopped when they reach checkpoints, or jobs should run to completion.
  - Reset Failure Count. The value in this field defines how many restarts should be attempted before resetting the error counter to 0.
  - Reset Failure Interval (seconds). The value in this field defines how much time should expire before resetting the error counter to 0.

### Documentation

- The *TIBCO Runtime Agent Domain Utility User's Guide* is part of the TIBCO Runtime Agent documentation set and is available in the `TIBCO_TRA_HOME\doc` folder.
- The *TIBCO Runtime Agent Scripting Deployment User's Guide* is part of the TIBCO Runtime Agent documentation set and is available in the `TIBCO_TRA_HOME\doc` folder.

## Release 5.1.x

### Application Management Module

This new module allows you to:

- Upload Enterprise Archive (EAR) files generated in TIBCO Designer. TIBCO Administrator creates an application using the information.
- Create a deployment configuration for the application.
- Deploy the application.
- Start (and stop) the services (business processes and adapter instances) that are part of the application.
- Monitor the individual components using TIBCO Hawk rulebases and custom alerts.

For detailed information, see the *TIBCO Administrator User's Guide*.

## Migration Tools

Migration tools are now available for migrating user management information and projects (including deployment information). The tools are discussed in the document *TIBCO ActiveEnterprise™ Features, Migration and Compatibility*, which is included in the TIBCO Runtime Agent documentation set.

## Integration With Corporate LDAP for User and Group Data

You can set up Administrator to integrate with corporate LDAP for users and groups. Setup happens right after installation when the administration domain is created. The information is then synchronized automatically at a specified interval. The following Corporate LDAP Servers are supported for users and groups:

- Sun ONE Directory Server 5.1 SP2
- Novell eDirectory 8.6.2
- Microsoft Active Directory 2000 (SP4)

## Multiple Domains on one Machine

You can now use the Domain Utility to create additional domains on one machine, or to add the machine to additional, already existing domains. Each time you create a domain, a corresponding `tibcoadmin_domain.tra` file, as well as domain data stores, are created.

## Audit Log

All access right and user changes are logged in the Security Audit log.

## Specify Active Threads

You can specify the number of active threads to use for executing process instances. The number of threads effectively limits the number of process instances that can be executing concurrently. Set this to a value that is appropriate for your operating system and your physical machine configuration. The thread count is set in the `Edit Service Instance` dialog box, under the `Server Settings` tab `General` section.

## Security Auditing

Logon and failed access attempts are now logged to the security audit log. All security-related modifications (users, roles, ACLs) are logged as well.

## Passwords

Passwords can be encrypted rather than just obfuscated. Passwords in Global Variables are now stored encrypted.

## Additional TIBCO Domain Utility Functionality

The Domain Utility has been enhanced to perform additional tasks, such as creating administration domains, changing information about corporate LDAP configuration and adding machines to and removing machines from a domain.

## SSL Setup (Domain Utility)

To set up TIBCO Administrator to use HTTPS, you can now specify either a self-signed certificate or a certificate + CA chain certificate.

## TIBCO Domain Utility Command Line Mode

The Domain Utility can be run in command line mode. The following tasks can be performed from the command line using the `domainutilitycmd` utility. See the *TIBCO Runtime Agent Domain Utility Guide* for details.

- Creating a domain
- Deleting a domain
- Adding a secondary server
- Adding a machine to a domain
- Changing TIBCO Rendezvous® parameters
- Changing Domain Credentials



Using the installer in silent mode and `domainutilitycmd` with the `create domain` option you can install Administrator and create a domain without using a GUI.

## Release 5.0.0

### Super User

There is now a Super User available via the GUI. Initially, the administrator assigned to the domain during installation is the Super User. That Super User can assign Super User privileges to other users.

A Super User has full read, write, and administer privileges to everything managed by TIBCO Administrator.

## **Administer Privileges**

In addition to read and write privileges, you can now have Administer privileges. Users with Administer privileges can grant access rights for specific elements in the GUI to other users. Administer privilege does not imply write privilege.

## **Access Button**

An Access button is available on each screen for users with administer privileges. The button displays a screen that allows the invoking users to give other users privileges.

## **Access Rights on Per-Element Basis**

In previous releases, you could only grant access rights on a per-console basis. You can now grant access rights on a per GUI element basis. This results in a more finely grained control of access rights.

## **TIBCO Enterprise JMS Server GUI**

It is now possible to perform administration of TIBCO Enterprise for JMS from the TIBCO Administrator GUI.

## **Authentication and Authorization Information**

This is now available to authorized external applications.

## **Support for Multi-file Projects**

Repository projects are available in a multi-file format. This enables easy version control using external source code and version control systems.

## **HTTP/S Transport Option**

Provides the ability to connect to the Repository using HTTP (securely using HTTPS). Parameters that govern the behavior have been added to the `tibcoadmin.tra` file.

## **Internationalization Support for Server Configuration**

Allows for international characters in configuration files. A `file.encoding` parameter in the `tibcoadmin.tra` file supports this.

## String Data

No size restriction for string data.

## Clients Retry on Timeouts

Makes recovery transparent when the server becomes unavailable during operation

## Multiple Servers

Secondary servers continue processing read requests when load-balancing state is changed to Read-Write. Secondary servers automatically update their persistent storage at each commit. Previously this was a manual step.

## Guiding Server Choice

An optional `repo.prefixRegionalSubject` parameter in `tibcoadmin.tra` allows you give preference to certain secondary servers for each service instance.

## View Server-Based Projects

You can now use a browser-based GUI to view server-based projects. This GUI is available even if you have not installed the Security and Domain Management component.

1. Open your browser and use this URL: `http://machine:port/administrator/repo`
2. Browse the list of repositories that is displayed.

*port* is the port that TIBCO Administrator is using. By default, 8080 for the first instance running on a machine, incremented by 10 for additional instances.

## Tools

Many of the TIBCO Repository command-line tools have been renamed. All tools now follow the pattern *RepoActivity*. In addition, a number of tools have been added, including:

- `RepoDiff` tool compares two projects
- `RepoPing` tool detects accessibility of remote projects
- `RepoConvert` tool converts between single-file (.dat) and multi-file projects.
- `RepoServertoAdmin` converts an existing configuration file from a 3.x or 4.x repository server (`server.ini` file) to a TIBCO Administrator 5.x configuration file (`tibcoadmin.tra`).



- RepoCreateInstance now includes the functionality of all tools previously available for creating repository instances.

## Changes in Functionality

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This section lists the changes made to product functionality and the release after the change was introduced.

### Release 5.10.0

There are no changes in functionality in this release.

### Release 5.9.1

There are no changes in functionality in this release.

### Release 5.9.0

TIBCO Enterprise Message Service Client libraries are required for domains using TIBCO EMS as a transport.

For products that have a dependency on the EMS client libraries, add the libraries by running the `traUpgradeManager` utility with the `-ems` option.

```
traUpgradeManager -path C:\TIBCO_HOME -ems  
C:\TIBCO_HOME\ems\<version>
```

### Release 5.8.0

There are no changes in functionality in this release.

### Release 5.7.1

There are no changes in functionality in this release.

### Release 5.7.0

There are no changes in functionality in this release.

## Release 5.6.1

### Security Vulnerability Addressed



TIBCO Administrator release 5.6.1 corrects a security vulnerability that could allow an attacker to use any valid TIBCO domain credential to access the TIBCO domain administrator credential, the database user ID and password utilized by TIBCO Administrator, and the optional LDAP user ID and password utilized by TIBCO Administrator. With the administrator credential, an attacker can then execute arbitrary code on any system that is a participant in the TIBCO domain. For details, please see the product advisory accessible from <http://www.tibco.com/mk/advisory.jsp>.

## Release 5.6.0

### Platform Support

Support for the following platforms is removed in this release:

- Linux kernel 2.4 with glibc 2.2
- Microsoft Windows 2000
- JRE 1.4

### Database and Drivers

Support for the following database and driver is removed in this release:

- Oracle 8.1
- Microsoft SQL Server driver: weblogic.jdbc.mssqlserver4.Driver 5.1.0 SP 8

### Command Line Utilities

The following utilities are removed in this release:

- migrateDomainStorage
- prepareDeployment
- redeploy

## Release 5.3.0

The following list of changes in functionality is replicated in *TIBCO Runtime Agent Release Notes*.

## TIBCO Administrator Repository Edition

Repository Edition is no longer available as the same functionality is provided in TIBCO Administrator Enterprise Edition. To manually migrate application repositories created using Repository Edition, see the *TIBCO Runtime Agent Upgrading to 5.3* guide.

## Rulebase Configuration

In previous releases TIBCO Hawk rulebases were required to use a naming convention and consequently a rulebase could only be used by one deployment and service combination. The naming convention is removed in this release and the same rulebase can be used by one or more services. See the *TIBCO Administrator User's Guide* for more information.

## Naming and Renaming Users

The panels in the TIBCO Administrator GUI that are used to name and rename users have changed. See the *TIBCO Administrator User's Guide* for more information.

## TIBCO Enterprise Message Service™ Plug-in

The panels used in the EMS server plug-in to configure the EMS server have changed. Unit capabilities have been added to durations and capacity and sizes. Durations now accept input with ms/millisecond/milliseconds, s/second/seconds, m/minute/minutes, and h/hour/hours. Capacity accept input with b/byte/bytes, k/kilobyte/kilobytes, and m/megabyte/megabytes. Parsing is case-insensitive and the unit constants are localized.

## Release 5.2.0

### Deprecated Command Line Utilities

The `redeploy` command line utility is deprecated. The `appManage` command line utility should be used instead. See the *TIBCO Runtime Agent Scripting Deployment* guide for information about using `appManage`.

The `prepareDeploy` command line utility is deprecated for use with deployment. It has been replaced by the `appManage` command. Note that the `prepareDeploy` command can be used when migrating a domain from release 2.x to 5.x.

The `RepoServerToAdmin` command line utility is no longer supported.

## Searches in TIBCO Administrator

In previous release, wildcards were implicit in all searches except for LDAP user searches. That is, a search for `rol` was the same as a search for `*rol*`. In this release, wildcards must be provided in all searches. That is, to search for all items that contain `rol`, you must enter `*rol*` as the search criteria.

## Application Directory Structure Changes

In previous releases, application deployment information was stored under the TIBCO application's directory. In release 5.2, application deployment files are stored in the

`TIBCO_TRA_DOMAIN_HOME\domain-name\application\application-name` folder.

See the *TIBCO Runtime Agent Upgrading to Release 5.2* guide for details.

## TIBCO BusinessWorks Process Engine Tabs

In the previous release, the Active Processes, Process Starters and Process Definitions parameters were accessed under tabs in the Service Instance dialog. In this release, the tabs have been moved under the BW Processes tab and are accessed using a drop down menu.

## Adapter Service Instance Server Settings

The Max Log File Size and Max Log File Count fields have been removed from the Server Settings tab for an adapter service instance.

## Release 5.1.3

### Wait cursor behavior

TIBCO Administrator used to display a Wait cursor while an application was being deployed until deployment was complete. TIBCO Administrator now reverts to the normal cursor after 20 seconds, allowing users to perform other activities such as user management. However, redeployment is only possible after deployment is complete.

### redeploy

Mandatory `-userName` and `-password` options were added. You *must* update any command line redeploy scripts created for 5.1.2 to add these arguments.

The password can optionally be encrypted using the `obfuscate` utility (must begin with a `#!` in this case). Alternatively you could get the encrypted password by creating a new domain with the desired username/password and getting the property “Credential” from `AdministrationDomain.properties` file.

For example in the properties file you would see

```
Credential=\#\!ODSm2t4QES/9oWZNA1oynWAlE2l0y/uq
```

so you would specify the following on the command line `-password #!ODSm2t4QES/9oWZNA1oynWAlE2l0y/uq` (Note that the `\s` are removed - that is an escaping character that is particular to a property file.

### **repo.master**

This option can now be commented out in the `.tra` file. This may be desirable if there is only one administration server and if users do not wish to have the heartbeat messages sent by RVC.

### **RV and HTTP timeout**

If you select an application in the Configuration Builder, then choose the Advanced tab, the Timeout field now defaults to 600 (instead of 5) for both RV and HTTP transports.

## **Release 5.1.2**

### **Hawk monitoring change**

The monitoring protocol was changed from sending Rendezvous® messages to using a Hawk Subscription mechanism. This will generally be transparent, except that `tibrvlisten` can no longer be used to monitor messages. Instead, a Hawk console must be used.

This change is transparent to users unless they have been using `tibrvlisten` for monitoring TIBCO Hawk.

### **GUI name changes**

A number of name changes were made in the GUI for greater consistency resulting in enhanced ease of use.

## Auto-registration

In earlier versions of TIBCO Administrator, you had to register TIBCO software to a machine explicitly. Registration is now performed automatically when a machine joins a domain. You may disable software on a machine if you do not currently wish to use it in that domain.

## Secondary servers are now READ ONLY by default

If you are using TIBCO Administrator and connected to a secondary server, you cannot perform user management, deploy applications, or perform any other activities for which READ\_WRITE access is required.

If your primary server goes down, you can change a secondary server to READ\_WRITE by editing the `tibcoadmin_domain.tra` file parameter `repo.master` and setting it to the hostname of the machine it is running on and then restarting the server.

## Encoding

When you create a TIBCO Administration domain, it is set up to use ISO8859-1 (Latin-1) encoding by default. You change the encoding to UTF-8 by clicking the Advanced check box and selecting UTF-8 encoding.

The value is used for three parameters in the `tibcoadmin_domain.tra` file:

- `tibcoadmin.client.encoding` -- encoding that is used to encode the HTML sent to the browser
- `file.encoding` -- encoding format for the `tibcoadmin_domain.tra` file.
- `repo.encoding` -- TIBCO Messaging encoding. Encoding used by TIBCO Administrator and other products to communicate.

In addition to the global change in the Domain Utility, you can also change these `tibcoadmin_server_or_domain.tra` file properties individually. For example, if you are going to use XML messages using either the JMS Transport or the AEXML wireformat, you must change `repo.encoding` to UTF-8 but could leave the other values unchanged. If you are using a `.tra` file that uses non-Latin1 characters, you must change `file.encoding` to the encoding that file is using.

## Release 5.1.1

### Name changes in TIBCO Administrator

The application management module now uses consistent names across dialogs.

**TIBCO Enterprise for JMS Plug-in**

The TIBCO Enterprise for JMS plug-in has a completely revised GUI. Documentation for the plug-in is still in draft format and currently included in the TIBCO Administrator documentation set.

**Redeploy command-line tool**

A command-line tool that allows you to redeploy an already deployed project is now included with tra/*n.n*/bin. Documentation is available in the Utilities chapter of the *TIBCO Administrator Server Configuration Guide*.

**Release 5.1.0**

**Deployment using TIBCO Administrator**

In previous releases deployment was managed using the TIBCO Designer deployment palette. In this release the deployment palette is no longer available in TIBCO Designer. Deployment is now part of TIBCO Administrator. This allows you to focus on design-time activities in TIBCO Designer and not be concerned with the environment in which your project will run. Instead, you use TIBCO Administrator to configure the environment for your project.

**Module and console name changes**

Some Module and Console names have changed in release 5.1. This affects migration of 2.x Authorizations into 5.1 Authorizations. The next table compares how modules and consoles are organized in the 2.x, 5.0 and 5.1 releases.

- The Domain module is now called Resource Management. The Components console inside this module has been moved to the Application Management module. The Inventory console is now called Installed Software (Registered Software in 5.1.0)
- The Application Management module is new in release 5.1. It replaces the Deployments module available in release 2.x and includes facilities for configuring, deploying, starting, and stopping application.

TIBCO Administrator 2.x	TIBCO Administrator 5.0	TIBCO Administrator 5.1
User Management	User Management	User Management
Users	Users	Users
Roles	Roles	Roles
Authorization	Authorization	Authorization



TIBCO Administrator 2.x	TIBCO Administrator 5.0	TIBCO Administrator 5.1
Domain Components Machines Inventory	Not available	Resource Management Machines Installed Software
Deployments <Deploy 1> <Deploy n>	Not available	Application Management All Service Instances <Application 1> Configuration Service Instances <Application 2> Configuration Service Instances

Startup screen

When you connect to the Administrator GUI, a startup screen allows you to choose the domain to which you wish to connect.

Configuration file name change

The server configuration file used to be called `server.ini`, `administrator.properties`, or `tibcoadmin.tra` in earlier releases. It now includes the name of the domain or server (if user and resource management was enabled). It uses the format `tibcoadmin_domain_or_server.tra`.

The file is in the `administrator_home\bin` folder.

Installation

The installer now performs an installation of all components you have purchased. At the end of installation, the Domain Utility is launched and allows you to enable or disable the User and Resource Management modules, use domain management and to install either a master or secondary server.

If you intend to enable the User and Resource Management module, you may decide not to perform server configuration at the end of installation, you may launch the Domain Utility later.



If you do not wish to enable the User and Resource Management, you must perform server configuration right away.

## Release 5.0.1

### Domain management component

Because TIBCO Hawk was not included in this release, the domain management component could not display useful information. It was therefore removed from this release.



This component was added back in Release 5.1.0.

## Release 5.0.0

### Installation

TIBCO Administrator is now installed standalone. Before you install TIBCO Administrator on any machine, you must install TIBCO Runtime Agent.

### Domain Utility

The Domain Utility is now used in two different ways:

- The utility is launched by the installer at the end of TIBCO Administrator installation for server configuration and creating or joining a TIBCO administration domain.
- The utility is available from the **Start > Runtime Agent** menu or in the `tra/5.0.0/bin` folder and can be used to set custom TIBCO Rendezvous parameters, join a domain, etc.

### Configuration file name change

The server configuration file (`server.ini` or `administrator.properties`) is now called `tibcoadmin.tra`.

The file is now found in the `administrator_home/bin` folder.

### File name changes

The `AuthorizationDomain.log` file is now the `/tra/log/Administrator.log` file.

The `AdministrationDomain.Properties` file can now be found in the `/tra/n.n` folder.

## File Locations

Repository client files and Repository tools are now included with the TIBCO Runtime Agent installation. See the *TIBCO Runtime Agent Administrator's Guide* for an overview of the directories created and the location of directories and files.

## HTTP/S

Repository client and server can now use either TIBCO Rendezvous or HTTP or HTTPS.



For C++ Repository client using HTTP/HTTPS transport (because of a recent change) the Tomcat server.xml config file's Connector elements for ports 8080 and 8443 should have `allowChunking="false"` attribute.

If you use the Tomcat installation included with TIBCO Administrator, this will be set for you. If you use your own Tomcat installation, be sure to set these values.

## Schema files

XSD's for projects are now available in two places:

- In the `tra/5.0/schema/apps` folder, you can find the XSD's to be used with `RepositoryImport` and `RepositoryExport`.
- In the `tra/5.0/lib` folder, a `TIBCOrt.jar` file includes those schema as well as schema for use with multi-file projects.

## Starting monitoring component

In release 2.x, you had to start two services to enable monitoring, the TIBCO Runtime Agent and the TIBCO Microagent. You now start only the TIBCO Hawk Agent service (windows) or run `tra/domain/domain/hawkagent_domain`.

## Deprecated Features

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This section describes the deprecated features and lists the equivalent features that accomplish the same result, if relevant. Do not use any deprecated features, as it may be removed in a future release. Avoid dependency on the deprecated features and become familiar with the equivalent feature.

### Release 5.10.0

Support for the following platforms is deprecated:

- Microsoft Windows Server 2008 32-bit
- Solaris 10, 11 32-bit

### Release 5.9.1

Support for the following platforms is deprecated:

- Microsoft Windows Server 2003
- Novell eDirectory 8.6 and 8.7.1
- Sun One Directory Server 5.x
- CA directory Server 8.x
- Microsoft Active Directory 2003.x
- Microsoft Active Directory Lightweight Directory Services 2003.x

### Release 5.9.0

No features are deprecated in this release.

### Release 5.8.0

TIBCO Administrator 5.8.0 does not support the following:

- HP-UX - PA-RISC
- AIX 5
- Solaris (SPARC) 8 and 9
- RHEL 3 and 4 (SuSE 8, 9)
- Red Hat (x86 and x86-64) Enterprise Linux 4.x

- SUSE (x86 and x86-64) Linux Enterprise 9
- JRE 1.6 and lower

## Release 5.7.1

No features are deprecated in this release.

## Release 5.7.0

No features are deprecated in this release.

## Release 5.6.1

Support for the following is deprecated in this release:

- AIX 5.2 with patch 5200-04
- Microsoft Internet Explorer 5.5
- Mozilla Suite 1.7.1 or higher
- Mozilla Firefox 1.x

## Release 5.6.0

The following features are deprecated in this release:

- TIBCO BusinessWorks ManualWork Plug-in
- DataDirect JDBC drivers
- The `tramodify` utility
- Legacy backward-compatibility.tra files:
  - TIBCO\_HOME/administrator/version/bin/RepoDb2Init.bat
  - TIBCO\_HOME/administrator/version/bin/RepoDb2Init.tra
  - TIBCO\_HOME/administrator/version/bin/RepoOracleInit.bat
  - TIBCO\_HOME/administrator/version/bin/RepoOracleInit.tra
  - TIBCO\_HOME/administrator/version/bin/RepoSqlServerInit.bat
  - TIBCO\_HOME/administrator/version/bin/RepoSqlServerInit.tra
  - TIBCO\_HOME/administrator/version/bin/RepoSynaseInit.bat
  - TIBCO\_HOME/administrator/version/bin/RepoSybaseInit.tra

## Release 5.4

The following features are deprecated in release 5.4.

- `weblogic.jdbc.mssqlserver4.Driver` 5.1.0 Service Pack 8
- Oracle 8.1 database for administration domain data.

## Migration and Compatibility

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See the *TIBCO Runtime Agent Upgrading to Release 5.10* guide, for information about upgrading TIBCO Runtime Agent and TIBCO Administrator. The guide is part of the TIBCO Runtime Agent documentation set, which is available on `TIBCO_HOME\tra\version_num\doc`.

## Closed Issues

The following issues have been closed in the named releases.

Closed in Release	Defect #	Description
5.10.0	ADM-5091	A TIBCO Administrator user with read-only access could "purge" durables in the EMS server using the TIBCO Administrator GUI.
5.10.0	ADM-5275	For a TIBCO ActiveMatrix BusinessWorks application deployed in an EMS-based domain, when a service instance was selected, an exception was thrown in the TIBCO Administrator log.
5.10.0	ADM-5483	TIBCO Administrator did not throw any exception when the <b>General</b> tab of the EMS plug-in was disabled due to the EMS libraries not being present in the classpath.
5.10.0	ADM-5503	When TIBCO Administrator 5.7 or 5.8 was uninstalled after upgrading to TIBCO Administrator 5.9, the executables in \$ADMIN_HOME/5.9/bin were deleted.
5.10.0	ADM-5534	The JsessionId did not change after a successful login to TIBCO Administrator.
5.10.0	ADM-5539	<p>TIBCO Administrator did not prevent persistent cross-site scripting in TIBCO Administrator Tomcat.</p> <p>A persistent cross-site scripting attack is used on a web application to send malicious code, generally in the form of a browser-side script. The malicious script is permanently stored on the target web application's database, log files, and so on. When the users access the web application, the stored script is executed and the user's sensitive information is compromised.</p>
5.9.1	ADM-5018	While pre-compiling JSPs, TIBCO Administrator reported a Null Pointer Exception.
5.9.1	ADM-5302	The TIBCO Administrator login screen did not display an Account Locked message after a certain number of unsuccessful login attempts.
5.9.1	ADM-5327	After clicking on an Adapter Archive service instance, a Null Pointer exception was thrown in the TIBCO Administrator log. However, the adapter archive instance started successfully after deployment and the application run successfully.



Closed in Release	Defect #	Description
5.9.1	ADM-5366	If you selected an EMS bridge for deletion, all bridges using the same source destination were selected and deleted without a warning on clicking the <b>Delete</b> button.
5.9.1	ADM-5401	On certain browsers, when an EAR file was uploaded and <b>Application management</b> > <i>&lt;application_name&gt;</i> > <b>Configuration</b> was selected, the <b>Expand</b> and <b>Collapse</b> icons were misplaced in the navigation tree.
5.9.1	ADM-5427	After clicking a service instance of any TIBCO BusinessEvents application, a Null Pointer Exception was displayed in the <code>Administrator.log</code> file.
5.9.1	ADM-5434	On Microsoft Windows 8.1, when accessing a TIBCO Administrator 5.9 domain on Internet Explorer version 11, the following error was displayed:  SYSTEM ERROR: Have your System Administrator check the Error Log
5.9.1	ADM-5443	Tables were not displayed correctly in the <b>User Management</b> > <b>Roles</b> and <b>User Management</b> > <b>Security</b> screens.
5.9.1	ADM-5445	The Hawk Console table image did not cover the width of the entire browser.
5.9.1	ADM-5447	TIBCO Administrator took a long time to start.
5.9.1	ADM-5459	(UNIX) Sometimes, the following exception was thrown after the Administrator server was running for a long time:  "java.lang.IllegalArgumentException: Must be during startup, req is null"
5.9.1	ADM-5461	TIBCO Administrator threw a Null Pointer Exception for HTTP requests without a user-agent header string.
5.9.1	ADM-5464	If you log in to TIBCO Administrator using an unsupported browser version, an exception was displayed in <code>Administrator.log</code> .

Closed in Release	Defect #	Description
5.9.1	ADM-5466	<p>The following harmless exception was displayed in the Administrator.log file:</p> <pre>ClientAbortException: java.net.SocketException: Broken pipe</pre> <p>Instead, the following Info message is now displayed:</p> <pre>Info [Administrator] AESDKJ-0000 [http-bio-8100-exec-95] Remote client/browser closed connection while the request was being processed</pre>
5.9.1	ADM-5511	<p>The Specification-Version and Implementation-Version in the MANIFEST.MF file in \$TIBCO_HOME/administrator/5.9/admin-plugins/ was wrong. This resulted in two TIBCO BusinessWorks plug-ins getting displayed in the TIBCO Administrator GUI.</p>
5.9.0	ADM-5362	<p>The client side security was enhanced to prevent Cross-Frame Scripting.</p>
5.9.0	ADM-5345	<p>The TIBCO Administrator server did not send a heartbeat message when using TIBCO Rendezvous 8.4.1.</p>
5.9.0	ADM-5330	<p>Dependency check for 'Agent_hawk: TIBCO Hawk' failed during the TIBCO Administrator 5.8.0 installation.</p>
5.9.0	ADM-5207	<p>TIBCO Administrator did not show the correct version of the installed software service pack.</p>
5.9.0	ADM-5173	<p>The month could not be displayed on the Audit Log of All Services Instances.</p>
5.8.0	ADM-4999	<p>The EAR did not deploy after the EMS server reconnection.</p>
5.7.1	ADM-5146	<p>Additional validations were provided to the administrative interface submissions to remove invalid input.</p>
5.7.1	ADM-5099	<p>TIBCO BusinessWorks engine exceptions were not displayed correctly in the TIBCO Administrator GUI.</p>
5.7.1	ADM-5121	<p>After restarting HawkAgent, log entries were duplicated in the TIBCO Administrator GUI.</p>

Closed in Release	Defect #	Description
5.7.0	ADM-2174 1-3OBRIX	If an administration domain was integrated with an LDAP directory server, you could not change the credentials of the original administrator user that was defined when creating the administration domain. While Domain Utility allowed you to do change the credentials, your administration server would not start.
5.7.0	TRA-191 1-6OEHC3	With an administration domain integrated with Microsoft Active Directory, the default configuration of LDAP search attributes for Group Name was incorrect. It is set to the pre-Windows 2000 group name, which is sAMAccountName. If a group was renamed without renaming its pre-Windows 2000 name, then the group rename would not be detected by TIBCO applications.
5.7.0	ADM-3205 1-1OHKD1	Firefox could not be used to connect to an HTTPS administrator domain using a self-signed certificate generated by using the Domain Utility.
5.7.0	ADM-5064	Entrust 7.2 SP1 Patch 160686 had stricter validation of certificate chains which was a desired behavior.
5.7.0	ADM-3288	Editing of EMS queue via TIBCO Administrator failed with error: The attempt to save all changes failed. Global or routed queue cannot specify prefetch=none.
5.7.0	ADM-5043	When an HTTPS enabled Administrator server started, it reported an error: java.lang.NumberFormatException: null.
5.7.0	ADM-3559	In the <b>Advanced</b> tab of the Configuration of an application or adapter, every click on one of the + icons scrolled back to the very top of the list. This had no functional impact, but made the UI difficult to use.
5.7.0	ADM-3686	After a change of the administration user password, whenever an undeployment or delete operation was run successfully an entry was placed in the audit log saying that the action had failed and the user doing the failed action was listed as the administration user.

Closed in Release	Defect #	Description
5.7.0	ADM-3623	<p>Problems occurred when a space was mistakenly added at the end of <code>java.property.java.io.tmpdir</code> (for example, <code>java.property.java.io.tmpdir=c\:/tibco/temp/admin</code> ) in <code>tibcoadmin_&lt;domain&gt;.tra</code> and/or <code>hawkagent_&lt;domain&gt;.tra</code>.</p> <p>Errors include:</p> <ul style="list-style-type: none"> <li>In Admin console: <pre>com.tibco.pof.entity.EntityRuntimeException: java.io.IOException: The system cannot find the path specified at com.tibco.pof.administrator.model.impl.AdministratorPlugInFileImpl.getClassLoader(AdministratorPlugInFileImpl.java :98) .....</pre> </li> <li>In Administrator.log, when deployment would always fail because of this misplaced space: <pre>..... Error [AdministratorModel] AESDKJ-0000 [Thread-83] com.tibco.pof.entity.EntityRuntimeException: java.io.IOException: The system cannot find the path specified .....</pre> </li> <li>In Admin GUI when viewing a deployed application: <p>Failed to get the configured app archive.</p> </li> </ul>
5.7.0	ADM-5031	After a change of the administrator user password, undeployment or delete operations by other non-administrator users were incorrectly logged as being operated by the administrator user in audit.log.
5.7.0	ADM-5032	After a change of the administrator user password, undeployment or delete operations were successful but a failure entry was logged in audit.log.
5.6.1	1-97S700	The Trace tab displayed the entries of the applications in reverse order in the TIBCO Administrator GUI.
5.6.1	1-9DDPHJ	Only the process archive names were logged in the <code>Administrator.log</code> file when starting and stopping the service instances. The process archive names were too generic to identify which service instances were started and stopped.
5.6.1	1-A5E8JU, 1-ACEEPM	The values passed in the URL for <code>AboutBoxUI.jsp</code> were not escaped before being displayed.

Closed in Release	Defect #	Description
5.6.1	1-9EZCNR, 1-9EVB1P	When you switched out of the TIBCO ActiveMatrix Policy Manager console, the Please Wait indicator would display for a long time and eventually the user would be logged out of TIBCO Administrator.
5.6.1	1-945IBO	After installing TIBCO BusinessConnect™ and changing the database information for a domain, the TIBCO BusinessConnect plugin would fail to connect the database when logging in to TIBCO Administrator GUI.
5.6.1	1-8HJ445	The Deployment Status was Success for an application even through one of its service instances failed to deploy.
5.6.1	1-8BCD2G	After you added new global variables to an existing TIBCO Designer project, rebuilt the EAR file, and uploaded the EAR file to TIBCO Administrator again, the new global variables did not show up in the Configuration panel in TIBCO Administrator GUI.
5.6.1	1-96ZVQ9	When configuring an application or adapter, clicking on one of the + buttons in the Advanced tab opened its sublist and also scrolled back to the top of the list.
5.6.0	1-8WCIV3	Changes to global variables in an EAR file couldn't be reflected in the Configuration Builder pane and the Update Details pane in TIBCO Administrator GUI.
5.6.0	1-82YJE5	When using the ExportDomainSecurity utility to export ACLs to a domain, a "java.lang.NoClassDefFoundError" error resulted.
5.6.0	1-8FF111	After changing a global variable type to password, creating an EAR file in TIBCO Designer, and redeploying the EAR file in TIBCO Administrator, plain text was displayed in the Global Variables pane in the Edit Application Configuration dialog.
5.6.0	1-8F8ELA	There was steady memory leak in a secondary administrator server when using tibrvj.jar.
5.6.0	1-8M7G2T	TIBCO Administrator filled up the User Name field on the login page if several correct initial characters of a user name were typed in the field.
5.6.0	1-8LXW1B	After resetting a user's password in the User Management module in TIBCO Administrator GUI and clicking the Enter button, the online documentation displayed.

Closed in Release	Defect #	Description
5.6.0	1-8IHDC2	After the service instances were grouped by software in the All Service Instances dialog, the groups would collapse if clicking one of the service instances.
5.6.0	1-8HLF35	The BWManualWork plug-in, JMS Administrator Plug-ins, PortalServices plug-in were not loaded when a new database domain was starting up.
5.6.0	1-8HJ445	If you paused for a certain amount of time before selecting an item in the TIBCO Enterprise Message Service Server drop-down list using Firefox as a browser, a system error would occur.
5.6.0	1-8GUYJY	After adding two Fault Tolerance TIBCO Enterprise Message Service servers to a domain and deploying the domain in TIBCO Administrator, if the primary TIBCO Enterprise Message Service server was stopped, the microagent of the Primary and backup TIBCO Enterprise Message Service service instances was removed by the domain.
5.6.0	1-8GHMUA	A process' name containing the. character displayed incorrectly in the Process Name column in the TIBCO ActiveMatrix BusinessWorks Process Configuration pane.
5.6.0	1-8WRDTO	The deployment of a DB2 database domain might be delayed or fail.
5.6.0	1-8UZXC9	If enabling a Password Policy for a domain and logging into the domain with the correct user name and incorrect password in TIBCO Administrator GUI, the login showed successful in the <code>audit.log</code> file.
5.6.0	1-8STHDB	If a component name contained blank spaces for a deployed domain, the status of the service instances in the domain was <i>starting</i> and didn't update accordingly.
5.6.0	1-8QNLKZ	If the <code>repo.master</code> parameter was commented out in the <code>tibcodomain_domain_name.tra</code> file, an existing domain could not be discovered by Domain Utility.
5.6.0	1-820VJC	TIBCO Administrator GUI was using the three-letter time zone to show tracing data.
5.6.0	1-8QKI6R	The value displayed in the CPU Usage field in the Add Event dialog was not correct.

Closed in Release	Defect #	Description
5.6.0	1-80O7GR	If enabling SSL for a database domain and using TIBCO Enterprise Message Service for transport, the <code>audit.log</code> file could not be generated.
5.6.0	1-7152HA	The order of the columns in the Show Durables pane in TIBCO Administrator GUI displayed incorrectly after installing TIBCO TIBCO Enterprise Message Service plug-in.
5.6.0	1-765R2Y	An error occurred after clicking Resource Management > Application Domains, providing some values in the fields, and clicking the Save button in TIBCO Administrator GUI.
5.6.0	1-89KEI1	If the name of a TIBCO Administrator user contained the ' character, the username displayed incorrectly in Internet Explorer.
5.6.0	1-86D1Z6	When clicking any item in the All Service Instances dialog, TIBCO Administrator would keep writing logs in the debug log file every other millisecond.
5.6.0	1-85O7XQ	The <code>TIBCO_HOME\administrator\domain\domain_name\tomcat\logs\tomcat.log</code> file contained the following incorrect information: "ERROR main org.apache.catalina.core.StandardContext - Error starting static Resources java.lang.IllegalArgumentException: Document base /tibco/tra/tibco/administrator/5.4 does not exist or is not a readable directory".
5.6.0	1-84Q6UC	The changes of the LogGenerations and LogGenerationsSize variables in the <code>TIBCO_HOME\tibco\tra\domain\domain-name\AdministrationDomain.Properties</code> file didn't take effect in the <code>Administrator.log</code> file.
5.6.0	1-81V7IL 1-8G0K29	The left panel in TIBCO Administrator GUI lost its position and size if clicking any item in the GUI.
5.6.0	1-8MBI98	The Read, Write, and Administrator links didn't display in a sort ascending or sort descending order in the Security console in TIBCO Administrator GUI.

Closed in Release	Defect #	Description
5.6.0	1-87FXQ3	After uploading an EAR file containing a global variable group and global variables, they would not be changed with the global variable group expended in the Edit Service Instance dialog in TIBCO Administrator GUI.
5.6.0	1-8R08MO	A TIBCO Enterprise Message Service domain was not stopped using the <code>tibcoadmin_domain_name stop</code> command.
5.6.0	1-8IGS6E	If selecting a service instance in the All Service Instances dialog in TIBCO Administrator GUI, the order of the service instances would not display correctly.
5.6.0	1-8AHW5I	After uploading an EAR file on an existing application and before clicking the <b>Save</b> button, a system error would occur when clicking the top level + button to expand the global variables list in the Advanced tab in TIBCO Administrator GUI.
5.6.0	1-734ZQ1	After uploading an enterprise archive file for TIBCO ActiveMatrix Adapter for SAP in TIBCO Administrator, duplicate target machines appeared in the Services pane, Target column.
5.6.0	1-7UPI8D	Global variables didn't display in TIBCO Administrator GUI if deploying an EAR file with the Deployment Option checkbox checked in the Global Variables dialog in TIBCO Designer and then redeploying the EAR file with the Deployment Option checkbox unchecked.
5.6.0	1-7HE73T	A user could not add a child role when granted permission on the given role explicitly, but not in the Roles console.
5.6.0	1-7BYLPD	TIBCO Administrator didn't record the login and logout activities in the <code>audit.log</code> file.
5.6.0	1-7V1WUF	The font displayed on the first page of TIBCO Administrator GUI was in English in a Japanese operating system.
5.6.0	1-7ZA06J	All the service instances displayed in one View Fault Tolerance Group dialog even if the service instances belonged to different Fault Tolerance groups.
5.6.0	1-79EBFP	In the JDBC Driver drop-down list in the New Application Domain panel in TIBCO Administrator GUI, you could not select the correct item.



Closed in Release	Defect #	Description
5.6.0	1-7XR1IY	The tracing data was sometimes not displayed in descending time order in the Tracing tab in the View Instance dialog in TIBCO Administrator GUI.
5.6.0	1-7WDITI	When a primary server went down, if there was more than one secondary server, they could get into a situation where a message bounced between them with the message growing at each bounce. The large RV messages that resulted could adversely effect performance.
5.6.0	1-73YFTH	The order of the service instances in the All Service Instances dialog in TIBCO Administrator GUI did not display correctly if checking the checkbox of the instance.
5.6.0	1-7BHCTI	Firefox could not be used to connect to an HTTPS administrator domain.
5.6.0	1-2YWUX9	TIBCO Administrator created many files in the temp directory during normal operations.
5.6.0	1-10ECXR	In the TIBCO Administrator audit log, Stop Process was not logged.
5.6.0	1-7WM26B	After stopping one of the active TIBCO Enterprise Message Service FT servers, the other TIBCO Enterprise Message Service servers' State are stopped in the All Service Instances dialog in TIBCO Administrator GUI.
5.6.0	1-2AWTKC	(HP-UX Only) Domain Utility added a carriage return at the end of each line in the hawkagent.cfg file when changing TIBCO Rendezvous parameters for a domain.
5.6.0	1-1XAN40	A database domain using MS SQL Server 2000 with the Weblogic Driver did not start up as an NT service from TIBCO Administrator GUI.

Closed in Release	Defect #	Description
5.4.0	1-6NBBKP	<p>When using TIBCO Domain Utility to create an administration domain you can specify that a restrictive policy be used for the domain. Similarly, when using the TIBCO Administrator GUI to manage the password policy, you can modify the StrongPolicy.xml file and load it into the domain. The following features in the restrictive policy and StrongPolicy.xml file were not available.</p> <ul style="list-style-type: none"> <li>• <code>&lt;!-- PasswordAging Max="90" / --&gt;</code></li> <li>• <code>&lt;!-- ForceInitialPasswordChage&gt;true&lt;/ForceInitialPasswordChange --&gt;</code></li> </ul> <p>The PasswordAging and ForceInitialPasswordChange features are now available.</p>
5.4.0	1-6NBNX5	<p>When using TIBCO Domain Utility to create a domain with Show Advanced selected, you can set a non default location for TRA Domain Home and Administration Domain Home. If you set a non default location by typing a pathname, you were required to use forward slashes even on Windows platforms, otherwise deployed applications will not start.</p> <p>This has been fixed such that either forward or backward slashes can be used to specify the above locations.</p>
5.4.0	1-6J747D	<p>If you have deployed an application using <code>local</code> as the Transport choice, then change the Transport to <code>http</code> or <code>rv</code> and redeploy, the local repository instance files that were created during the deployment using <code>local</code> were not cleaned up.</p>
5.4.0	1-6EYO4B	<p>On rare occasions, after being started on the command line, the administration server fails to shutdown.</p>
5.4.0	1-3KUXH6	<p>When you deploy an application, sometimes the Deployability column at the service or process archive level is set to Deployable rather than Synchronized, even though the deployment was successful and the application is working correctly. The incorrect status for the service or process archive can be ignored.</p>
5.4.0	1-1O5NQH	<p>An administration domain configured to use the HTTPS transport did not start up.</p>

Closed in Release	Defect #	Description
5.4.0	1-1B7YDW	After clicking the Cancel button on the Add Custom Software screen, you were returned to an incorrect screen, rather than the Installed Software screen.
5.4.0	1-2A7ID1	Non-optimistic user validation was not working correctly in an LDAP based administration domain.
5.4.0	1-15OMRH	When reinstalling TIBCO BusinessWorks, the Installed Software console was not always updated right away.
5.4.0	1-3SQMYX	After changing the Flow Limit property and deploying the project, the deploy status was not updated to reflect the change.
5.4.0	1-4305YF	Renaming a running service instance in the TIBCO Administrator GUI configuration builder screen and redeploying caused its status to be incorrectly reported as Shutting Down.
5.4.0	1-4TWUOT	Sometimes, it was necessary to restart the administration server for changes to a User's authorization credentials to take effect.
5.4.0	1-5PHNWZ	TIBCO BusinessWorks processes running under a TIBCO FormBuilder service could not be monitored.
5.4.0	1-6NT0ML	Invalid role members were displayed as members in the TIBCO Administrator GUI even if the LDAP Synchronization Optimistic option was not set.
5.4.0	1-6QXY75	A synchronization issue existed when the primary administration server had history (higher revision number) than the one from the secondary administration server.
5.4.0	1-6WR1BT	The TIBCO Administrator GUI Users Console did not handle the error thrown by Active Directory correctly when it had a query for more than 10,000 users.
5.4.0	1-6ZDVW9	When the TIBCO Administrator GUI was updated with plug-in information, if one plug-in failed to update, all other plug-ins would fail to update.

Closed in Release	Defect #	Description
5.4.0	1-7BEWXG	<p>An exception similar to the following was written to the administrator log file when the server was migrated from TIBCO Runtime Agent 5.3 to 5.4. The exception could be ignored and no longer appears.</p> <pre>2006 Sep 13 12:52:31:948 GMT -7 Error [Administrator] AESDKJ-0000 [Thread-23(LDAP_TRA55_5089)] java.lang.NoClassDefFoundError: org/apache/tools/ant/taskdefs/Redirector at ... com.tibco.pof.entitystore.tibrepo.TibRepoTransactionNotif ierImpl\$CommitNotifyThread.run(TibRepoTransactionNotif ierImpl.java:400)</pre>
5.4.0	1-777VCR	<p>When accessing the Profile for the domain administrator account in the TIBCO Administrator GUI, an entry was written to the tomcat web server log that exposed the domain administrator password in clear text.</p>
5.4.0	1-7B92Y3	<p>A cross site scripting (XSS) vulnerability existed with userids, roles, applications and folders whose names, descriptions or contact fields with embedded script values would have those scripts run when pages showing the values were displayed.</p> <p>Additionally, on the login page, if a userid was entered (either directly or by embedding it in the URL used to access the page) that included java script, the script would be executed when the login failure warning was displayed.</p> <p>All of these - where one user could use the vulnerability to attack another - have been fixed by escaping the appropriate strings.</p>
5.4.0	1-6VYQ5J	<p>TIBCO Administrator did not correctly update the database password for an application domain. As a result, the application domain would cease to function and there would be no way to recover if the database password was changed.</p>
5.4.0	1-5JG3SP	<p>A new administration domain displayed the TIBCO Administration version as 5.2.1 on the Installed Software page and under the All Service Instance tab.</p>
5.3.0	1-3RP8FX	<p>When a graceful shutdown was initiated for a TIBCO BusinessWorks engine, all running jobs immediately disappeared from the Active Processes screen, even though the jobs would run until completion or shutdown.</p>

Closed in Release	Defect #	Description
5.3.0	1-4ZKYFD	After opening an application or service in the TIBCO Administrator GUI, then closing the application or service without making changes, the enterprise archive file would indicate it had been updated.
5.3.0	1-51XP0V	A TIBCO PortalBuilder service instance could not be selected in the TIBCO Administrator GUI.
5.3.0	1-3Q4XIH	After migrating an LDAP based database domain from 5.1.3 to 5.2, clicking the <code>Select LDAP Groups</code> button in the Roles console overwrite the Base DN search entry with a blank entry. This resulted in the domain being unusable as the connection to the LDAP directory server was broken and users could not login.
5.3.0	1-3OFHHT	When attempting to synchronize users from a 5.2 administration domain to TIBCO BusinessWorks Workflow, no users were synchronized. This occurred only if the administration domain was created using TIBCO Domain Utility 5.2.
5.3.0	1-3RRPVU	Custom Java adapters failed to start because the Classpath used <code>%PSP%</code> , while <code>%PSP%</code> was not defined in the custom adapter's properties (.tra) file.
5.3.0	1-3PIEXX	If you used TIBCO Domain Utility 5.2 to create a secondary server and assigned the secondary server to a domain that was upgraded from 5.1.x to 5.2, an error message appeared when attempting to access the Permissions tab on a Role console.
5.3.0	1-3PCZND	When role membership was specified as a user property in the import XML file, the <code>ImportDomainSecurity</code> utility failed.
5.3.0	1-3OFHH5	When deploying an application for the first time in a database domain, deployment could take a long time and time out before completion.
5.3.0	1-17XUJ4	The Deployed Configuration panel would display an incorrect status if you opened another instance of your browser while a deployment was going on.
5.3.0	1-11RLMZ 1-13J1K7	The TIBCO Administrator log file was in a folder whose path contained double byte characters.

Closed in Release	Defect #	Description
5.3.0	1-3PG8XL	If a user was given read and write permissions to a folder, that user was able to see the Configuration screen for all applications under that folder, but was not able to see the Service Instances screen for the same applications.
5.3.0	1-5V1FY5	LDAP connections were not tested for validity before being returned to the connection pool.
5.3.0	1-5QVEN9	When an LDAP group defined in an LDAP directory was moved, references to the corresponding group synchronized role were removed.
5.3.0	1-6FYF79	Running the TIBCO BusinessFactor 5.0 Tester in TIBCO Designer 5.3 returned an error during deployment.
5.3.0	1-5M53P1	Whenever a TIBCO BusinessWorks Collaborator or TIBCO BusinessWorks FormBuilder archive was selected in the TIBCO Administrator console, an NPE resulted in the administrator.log file.
5.3.0	1-5JEMCC	A servlet container could not be removed from the TIBCO Administrator GUI after the application had been undeployed the servlet engine removed from the administration domain.
5.3.0	1-5HFW6L	If you created a user name with an excessively large number of characters, when that user logged in, the About, Profile and Logout buttons in the TIBCO Administrator GUI were pushed off the panel and not visible.
5.3.0	1-5GSOS2	When a user created an ACL on a resource, the audit log did not display the resource name, but displayed a hexadecimal code instead.
5.3.0	1-5BIUTS	If a user had permissions only for nodes that were children under the Application Management module, a ClassCastException would result when collapsing the module.
5.3.0	1-50K76D	Redeployment corrupted the NT service entries for services that were NT services enabled.
5.3.0	1-4WB9GT	Any custom rulebase file with numbering suffix would bind to a service instance without numbering suffix.

Closed in Release	Defect #	Description
5.3.0	1-4KPXMH	The Reset to Defaults button found under the Advanced tab for the Edit Application Configuration panel was not working correctly.
5.3.0	1-4IQHEH	If the password for a user that did a deployment was modified in an existing application, the state of the application was not changed to "Deployable" in the TIBCO Administrator GUI.
5.3.0	1-4F0ZB1	When displaying help for the right-most tab on a detail panel, clicking help for other tabs on the panel would display help for the right-most tab.
5.3.0	1-3RE98E	The All Applications Console did not displayed when a user with a read/write access to only one of the many applications existing in an administration domain logged into the domain.
5.3.0	1-3QSXPL	For an LDAP-based domain, if the administration server was down and the corporate LDAP credentials changed, the server failed to restart.
5.3.0	1-3PIPA5	When an application was locked and another user attempted to undeploy, no error message displayed. Similarly when an application was locked and another user tried to deploy, no error message displayed.
5.3.0	1-3OSWZ4	When using the Mozilla Firefox web browser to display the TIBCO Administrator GUI and your environment had a large number of nodes to display in a tree view, the panel would seem to hang. For example, in an environment with over 10 folders, users and roles when displaying the Edit Role Screen > Permissions tab and assigning permissions, the panel would scroll up and down each time a check box was selected.
5.3.0	1-3H3WWF	The TIBCO BusinessWorks fault tolerant group settings did not show the Activation Delay parameter.
5.3.0	1-3CENB8	When adding group-synchronized roles using the Authenticated Users Members tab, the roles that were added disappeared after the next sync.
5.3.0	1-3BF7AP	After uninstalling TIBCO Administrator, some files used by the TIBCO Enterprise Message Service plug-in were not removed.

Closed in Release	Defect #	Description
5.3.0	1-39WG5V	TIBCO Hawk Agent did not log POF messages after setting Log Debug to true in the AdministrationDomain.properties file.
5.3.0	1-2QXKMC	For a LDAP-based domain, when the LDAP server went down while a user session was in progress, an incorrect error message displayed.
5.3.0	1-5JA33X	TIBCO Administrator displayed incorrect workflow server status if the server was started from Services control panel on Windows or using IcStart on Unix. Status was displayed as "stopped" even though the workflow server was running.
5.3.0	1-5E0GR6	TIBCO Administrator displayed incorrect workflow server status when the server was unregistered and then reregistered.
5.3.0	1-495JQD	When adding custom software, the "Executable full path" edit box would allow you to provide only the executable path and not the executable file name.
5.3.0	1-1ARX59	Deleting roles that had multiple references (add from Roles Tree) had the following error even though the operation worked (the role and its references were deleted): There was an error: Could not delete some Roles Could not find entity with id 1f44ec7_f8a4496478_-7f530a6b9e17 of class com.tibco.pof.authorization.Role
5.3.0	1-1ARX55	The search engine used for Roles > Members and Users > Role Membership was not consistent with the other search engines.
5.3.0	1-12EAFB	For an administration domain using a database, if the database went down, a meaningful error message did not display in TIBCO Administrator.
5.3.0	1-10XM2A	Client variables present in the deployment XML files (to maintain backward compatibility with 4.x adapters) were incorrectly displayed under Adapter SDK properties. The client variables now correctly display under run-time variables for the adapter archive in TIBCO Administrator.
5.2.0	1-268NGL	When redeploying an adapter with no changes in the .aar file, not all loadUrl entries in the generated.dat file were loaded.



Closed in Release	Defect #	Description
5.2.0	1-26DS76	<p>A number of concurrent deployments, using the command-line deployment tool AppManage, sometimes fail on a database-based domain, as a result of failure to find the repository server. This is because for database-based domains, the discoveryTime on the repoURL is set at the default value of 10 seconds and a higher value may be necessary when doing a number of concurrent deployments.</p> <p>In order to set this timeout to a higher value, add the following line to the AdministrationDomain.properties and AuthorizationDomain.properties files under the</p> <p><i>TIBCO_HOME/tra/domain/DOMAIN_NAME</i> folder:</p> <p><code>repoFactory.discoveryTimeout=Desired timeout value in seconds</code></p>
5.2.0	1-27ZMTL	Performance degraded when the number of machines to which each service in an application is deployed was increased. Even after failure of deployment, the browser took very long to respond to any actions. This has been fixed
5.2.0	1-24SV6P	A wrong stop condition in the loop that read the InputStream prevented it from being fully read. As a result, only part of the InputStream data persisted.
5.2.0	1-1WIDTD	The "Connection No longer Valid" exception that was thrown on TIBCO BusinessWorks WorkFlow is now fixed.
5.2.0	1-20C108	The Redeploy command line tool did not restart the engine in some cases.
5.2.0	1-22VBK5	Clear text passwords were being written to history and stored in domain during deployment if unable to connect to Repository.
5.2.0	1-123G8G	When integrating an administration domain with an LDAP directory server, same named groups with different base DN's were not handled correctly.
5.2.0	1-123G8W	When integrating an administration domain with an LDAP directory server, LDAP groups created with circular group hierarchies were not handled correctly.
5.2.0	1-1512RP	When integrating an administration domain with an LDAP directory server, an invalid error message appeared if an incorrect LDAP URL was specified.

Closed in Release	Defect #	Description
5.2.0	1-1VWMH9	When integrating an administration domain with an LDAP directory server, the LDAP search parameters could not be validated.
5.2.0	1-3F0A2	When renaming a third level group in an administration domain that is integrated with an LDAP directory server, the renamed group also appeared directly under Authenticated Users.
5.2.0	1-15FLY5	When migrating a release 2 domain to release 5.1.2, authorization privileges for roles and users were not handled correctly.
5.2.0	1-17LK99	The authorization access screen only displayed the immediate list of users and roles. It did not display a list of all users based on those inherited from parent resources.
5.2.0	1-17RS6O	The start screen and subsequent resource bundle fetches are now based on the user's selected language.
5.2.0	1-1IF1PW	Users and roles defined in one domain could not be imported into another domain. The ImportDomainSecurity and ExportDomainSecurity command line utilities now provide this feature.
5.2.0	1-1JA3QL	Dynamic process engines were not visible in TIBCO Administrator.
5.2.0	1-1JLJV5	A meaningful error message now displays when a database server becomes unavailable.
5.2.0	1-1NIVUG	If you deleted an administration domain on Windows 2000 with the Services Control Panel open, the associated services sometimes were not properly deleted. If you then attempted to recreate the administration domain using the Domain Utility, an error resulted.
5.2.0	1-1NKO45	Deployment status was not updated correctly on a secondary server.
5.2.0	1-1PV1VE	TIBCO Administrator could be used only in Internet Explorer or Netscape. Mozilla and Firefox are now also supported.
5.2.0	1-1R1S9P	If storing domain data in a file-based domain repository, when two users login concurrently, the following error message may occasionally appear: "Can not find super Role".
5.2.0	1-1RNWYB	In the Global Variables pane, changing any of the last three fields did not actually result in a change.

Closed in Release	Defect #	Description
5.2.0	1-1S26UY	If a user was renamed and deleted, TIBCO Administrator did not allow another user to be created with the deleted user's name.
5.2.0	1-1SMAZP	The TIBCO Domain Utility summary screen did not word wrap and not all text on the screen could be read.
5.2.0	1-1TMFU9	An enterprise archive file that had a long filename could not be saved in TIBCO Administrator.
5.2.0	1-1U55J1	When attempting to create a role with the same name as an existing role, an error message would appear advising that duplicate names were not allowed. After clicking OK on the error dialog, then clicking the Apply button, an exception would occur.
5.2.0	1-1UHYVJ	<p>On Oracle, an exception similar to the following could appear when creating an administration domain:</p> <pre>Errors Occurred java.sql.SQLException: [tibcosoftwareinc][Oracle JDBC Driver][Oracle]ORA-01450: maximum key length (2310) exceeded</pre> <p>The exception occurred when the block size of the Oracle database is too small. The solution is to increase the block size.</p>
5.2.0	1-1V0C56	When using the multi-language interface package, users were not created correctly when Microsoft SQL Server was used as the database backend.
5.2.0	1-1V37X1	The guest role did not display when a Search operation was invoked.
5.2.0	1-1V3XAX	After upgrading TIBCO Administrator to a new release, the Resource Management module, Installed Software dialog did not display the correct version number.
5.2.0	1-1V9RN6	After deploying an adapter, changing its monitoring parameters and redeploying, the adapter's status was not reported correctly in TIBCO Administrator. The adapter would be reported as stopped when it actually was running.
5.2.0	1-1VGYNE	Changes made to the Network field value of the TIBCO BusinessWorks and Adapters Deployment Repository Instance panel were not saved.

Closed in Release	Defect #	Description
5.2.0	1-1VJPWS	In LDAP, you can create cycles where R1 is a parent of R2, which is a parent of R1. This is not allowed in TIBCO Administrator. The cycle is now broken at an arbitrary point, which allows the roles to be synchronized and display correctly.
5.2.0	1-1VW9FX	Under the Application Management module, clicking the check box next to Name selected all folders and applications in the module. Clearing the check box next to Name did not clear the selected folders and applications.
5.2.0	1-1VW9GC	Under the Process Starters tab, if a process was selected and the Disable Selected button was clicked, the process would be disabled but would be displayed twice in the console list.
5.2.0	1-1WIFL9	The XML files used with the domainutilitycmd tool would not display correctly in a text editor on Unix systems.
5.2.0	1-1WM3T0	You can now remove the root role as a parent as long as another role is also a parent.
5.2.0	1-1WNYK7	When editing a deployment configuration, changes made in the Advanced tab were not saved if any changes were previously made in the General tab.
5.2.0	1-1X0IFT	TIBCO BusinessWorks Workflow would occasionally hang under a very heavy load when using a database for domain data storage and TIBCO Runtime Agent 5.1.3.
5.2.0	1-1X3FKA	A durable that was created without a client ID could not be deleted using the EMS plug-in.
5.2.0	1-1X9VMP	If a monitoring event was configured to raise an alert and a message for the alert was not specified, the rulebase was not created.
5.2.0	1-1XAN3L	If a service instance was deployed on a remote machine, the default logs for the instance were not displaying in TIBCO Administrator.
5.2.0	1-1Z2PQH	If a deployment contained a space in its name and had rulebases defined, the rulebases would not be saved to the correct directory and would not work.
5.2.0	1-1ZTSIB	Help buttons were not available on the TIBCO Domain Utility panels that displayed when adding an EMS Plug-in.

Closed in Release	Defect #	Description
5.2.0	1-20EC8P	<p>In the View Machine dialog Processes tab, if you:</p> <ul style="list-style-type: none"> <li>• Clicked on Show All Processes.</li> <li>• Clicked on Hide non-TIBCO Processes.</li> <li>• Clicked the Configure Monitoring tab.</li> <li>• Clicked the Edit button.</li> </ul> <p>A lock error would appear, but no option to break the lock displayed.</p>
5.2.0	1-20IVL9	If you deleted a monitoring event or rulebase file from an enterprise archive file and redeployed, the event and rulebase file were not removed.
5.2.0	1-271NPB	A delay occurred when a deployed application was started and when its rulebase started to function. Because of the delay, some errors were not displayed in TIBCO Administrator.
5.2.0	1-22086X	If the domain (not the administration domain) to which a machine belonged changed, TIBCO Hawk Agent could not be discovered by TIBCO Administrator.
5.2.0	1-22OJI1	When using appManage, a TIBCO Rendezvous license expiry warning displayed in the console.
5.2.0	1-26ELYT	When using appManage to deploy a large number of applications in an administration domain that used Microsoft SQL Server, database deadlock issues resulted.
5.2.0	1-26W7QM	When using appManage to delete an application, the delete operation was successful, however when viewing the application in TIBCO Administrator, an exception displayed.
5.2.0	1-27ZMU3	When using appManage to deploy to more than four machines, the deployment would fail.
5.2.0	1-2FA74X	When using appManage to create a new deployment configuration file, there was no way to prevent modified global and runtime variables to be reset back to the values in the archive.
5.2.0	1-2FCEUD	When using appManage to deploy, information in the Contact field was not written to the deployment configuration file.

Closed in Release	Defect #	Description
5.2.0	1-2FNUSX	When using appManage to create a new deployment configuration file by exporting a new version of an archive, some process engine settings (such as Prepend to Classpath and ThreadCount) were not written to the new deployment configuration file.
5.2.0	1-2FNUTF	When using appManage to create a new deployment configuration file by exporting a new version of an archive, new process definitions were not written to the deployment configuration file.
5.2.0	1-2L5NAX	When using appManage to deploy an application that had values defined in the Heartbeat Interval and Activation Interval fields, the values for the parameters were swapped and the process engine would not start.
5.2.0	1-2FNUTN	When using appManage to export a configured application that contains a service with a log event configured, the Match field value was not written to the deployment configuration file.
5.2.0	1-2J49AL	The XML file used by domainutilitycmd to add an EMS server to an administration domain was not included in the TIBCO Runtime Agent installation.
5.2.0	1-2O4L91	When using an administration domain that used a database for data storage, if a secondary server was defined for fault tolerances, the secondary server would not start.
5.2.0	1-2SPQ48	The <code>tibcoadmin_domain name stop</code> script now works correctly.
5.2.0	1-2TT2LF	When deploying an application that used TIBCO BusinessWorks Workflow, TIBCO Administrator did not write the Workflow Server name to the appropriate field.
5.2.0	1-362UOW	After deploying an application successfully the first time, subsequent deployments of the same enterprise archive file failed.
5.2.0	1-3EJCW1	When multiple conditions were defined under the Tracing tab, TIBCO Administrator would throw an error indicating the maximum number of lines were exceeded even though the number of lines specified were within maximum limit.
5.2.0	1-Z2JLB	If you created a new folder in the application management console, then clicked on the folder and clicked the New Application button, the application is at top level, not in the folder.

Closed in Release	Defect #	Description
5.1.3	1-1MY8VJ 1-1MY8UQ	TIBCO Administrator now starts, even if the installation path contains spaces.
5.1.3	1-100L0R	Problem creating new folder. In the Application Management panel, when you clicked on New Folder, then specified a folder name and clicked <b>Apply</b> , all the text fields in the New Folder panel were cleared. Upon clicking <b>Save</b> , the error message: There was an error null was displayed. This is now fixed.
5.1.3	1-1FQ9CX	If a user views an application or other information using the TIBCO Administrator GUI, and another user locks that screen and changes the information, the first user is no longer able to make changes to the same screen and is instead informed that another user has locked the screen.
5.1.3	1-1041P5	An HTTP 404 error resulted if the user clicked first <b>Configuration</b> , then clicked <b>Application Processes</b> while the right panel was being refreshed.
5.1.3	1-11RLME	Administrator user name and password may now contain double-byte characters.
5.1.3	1-12M8GX	Clicking <b>Apply</b> in the Service Configuration console was resetting the Enable Service check box if the check box was already checked. Similarly clicking the <b>Apply</b> button in the Service Container Configuration Console > Server Settings panel was resetting all check boxes that were checked.
5.1.3	1-12HKGC	It is now possible to delete remote repository instances using the RepoDeleteInstance utility.
5.1.3	1-12M8HU	When a user deployed an application, then recreated the EAR file without making changes to the corresponding project, the deployment status changed to Deployable, even though there were no changes.
5.1.3	1-12P28Z	Custom and Adapter option values were not migrated during deployment migration.
5.1.3	1-17SHML	The performance for editing group-synchronized roles has improved greatly.

Closed in Release	Defect #	Description
5.1.3	1-1869RQ	If a machine monitoring event was added using Add Event, the new event sometimes did not appear in the list of events if other events had already been listed. This is now fixed.
5.1.3	1-1869TE	In the machine's Status console the processor percentage displayed as null when a machine could not be detected (it was offline). It is now "0" or blank.
5.1.3	1-18ENMV	TIBCO Administrator sometimes failed to delete some roles when a user deleted a large number of roles that had sub-roles. All roles are now deleted correctly.
5.1.3	1-18FR7G	Users sometimes received a "Parent has no reference to child" exception during Undeployment.
5.1.3	1-18MWGH	Information about the URL format for HTTP(s) is now correctly displayed if you type <code>-help url</code> for command-line tools.
5.1.3	1-18QIBQ	The application's service instance state displayed Starting Up indefinitely when the machine on which it was being deployed went down. The state is now displayed as Unknown.
5.1.3	1-18TRJM	Migration issue. Users and Roles from Administrator 2.0 are now migrated correctly.
5.1.3	1-19ELZR	Problem: In User Management >Users, click the Access button and add one or two users or roles and check options. Then click <b>Apply</b> followed by <b>Save</b> . This no longer results in an error because the <b>Apply</b> button behavior has been fixed.
5.1.3	1-19RAMM	Even when a 4.x adapter has an empty folder in the path, it can now be started after migration.
5.1.3	1-19V2I5	Domain Utility now supports hot keys for Cancel, Next, etc.
5.1.3	1-1AK19Q	If you deploy an EAR file using an encoding to an Administration Server that uses an incompatible encoding you now get an error.
5.1.3	1-1AWDY1	Deployments with identical names in different folders are no longer grouped together in the All Services Instances view.
5.1.3	1-1BFGFY	The Windows Services Console now reflects the status of the Administration Server correctly when the server fails to start because the port is already in use by some other application.



Closed in Release	Defect #	Description
5.1.3	1-1BWSN0	A migrated Oracle Applications Adapter deployment no longer shows a null reference in the Adapter Archives created from the migrated adapter.
5.1.3	1-1C3M9T	You can now delete any super users, then delete any other users or create new users without having to log out and log in again.
5.1.3	1-1C5PWO	There were sometimes out-of-memory errors when multiple deployments were running. This is no longer a problem.
5.1.3	1-1C5PXJ	There is now an appropriate error message when you attempt to upload an archive and click OK without selecting an archive.
5.1.3	1-1DB6LX	Command-line tools Export2xSecurity and Import2xSecurity now ask for a password to access secured data. Import2xSecurity can no longer corrupt the domain properties as a result.
5.1.3	1-1DDHCP	Removing groups from Corporate LDAP no longer causes LDAP Sync to fail sometimes.
5.1.3	1-1E0MLX	If user1 clicked on a deployed application's Configuration or Service Instances link, and if some other user user2 deleted this application, User1 was getting a an exception the next time the screen was refreshed because that application no longer existed. The screen is now displayed properly.
5.1.3	1-1E2ABX	Default log file size is now displayed correctly.
5.1.3	1-1EZOHF	Redeployment: When a project did not have any JDBC shared resources during initial deployment, but a JDBC resource was subsequently added to the project and the corresponding application was redeployed, the JDBC resource is now offered as an option for checkpointing.
5.1.3	1-1F6PQS	After ten large deployments were rapidly undeployed, the server crashed, being out of memory. This has been addressed.
5.1.3	1-1F8YO9	The Domain Utility can now accept white spaces in the TIBCO Home folder.
5.1.3	1-1FK89X	Redeploy utility now has -username and -password options.

Closed in Release	Defect #	Description
5.1.3	1-1FKLO6	Sometimes when you tried to deploy /undeploy, you would get an error message: "Entity with name <i>application name</i> was locked by <i>username-identifier</i> . After that, it was no longer possible to deploy /undeploy.
5.1.3	1-1G83VZ	In a domain that has been HTTPS enabled, HTTP is no longer be offered as an option for the Transport in the Advanced tab of the "Edit Application Configuration" screen, because deployment would fail after such a change.
5.1.3	1-1GKIPQ	Administrator cannot be run in a headless mode on HP-UX in spite of even if <code>java.property.java.awt.headless=true</code> is specified in the <code>.tra</code> file. This is a JRE 1.4.1 issue and is reportedly fixed with JRE 1.4.2 for HP-UX.
5.1.3	1-1GNEVL	Adding a secondary server to a domain that already contains secondary servers sometimes resulted in a <code>com.tibco.pof.entity.EntityLockedException</code> .
5.1.3	1-1HHDW1	Installed software is now displayed correctly when multiple machines are displayed.
5.1.3	1-1HMGAP 1-1HMGB9	On UNIX platforms the <code>java.io.FileNotFoundException</code> exception occurred when attempting to start Hawk Agent on a machine joined to a domain on another machine, in the case where the person attempting to start the Hawk Agent was different from the person that did the installation.
5.1.3	1-1HN89H	Under certain conditions, there was a lock error for deployment in a fault tolerance/load balancing environment.
5.1.3	1-1IOLVP	Under certain conditions, deployment fails when security is disabled.
5.1.3	1-1IQS85	Twenty concurrent users can now log into the server for the first time without an exception as the result. We are using users and groups from LDAP.
5.1.3	1-1IR5KP	You can now specify that monitoring events should happen upon first occurrence, second occurrence, etc.
5.1.3	1-1JFZBR	If a first-time deploy fails (deployability is not <code>in_sync</code> ), no service instance is now added under service instances.  If redeploy fails, the service instance is now in stopped state.

Closed in Release	Defect #	Description
5.1.3	1-1JH2ZH	If you select an application in the Configuration Builder, then choose the Advanced tab, the Timeout field now defaults to 600 (instead of 5) for both RV and HTTP transports.
5.1.3	1-1K963H	If you gave read access to a user at a lower level in the deployment tree (e.g. Payroll) but not at a higher level (e.g. Finance), the user was not able to view the lower-level folder because the higher-level folder was not displayed. The higher-level folder is now displayed, but the user cannot access any information inside it except information for which that user has privileges.
5.1.3	1-1KFBM5	On Linux, a problem with the Domain Utility (first click after installer launched the utility) has been fixed.
5.1.3	1-1KHIHN	The members tab is now displayed properly for Authenticated Users role.
5.1.3	1-1LB1XU	Global variables are no longer truncated at deployment time.
5.1.3	1-1LSL05	It is now possible to delete an application and recreate it without logging out and back in.
5.1.3	1-1LT659	Under certain circumstances, adapter statistics for 5.1 adapters signalled a <code>java.lang.ArrayIndexOutOfBoundsException</code> .
5.1.3	1-1N97KQ	There was an LDAP integration issue on Windows 2000 on machines that had TIBCO BusinessWorks installed.
5.1.3	1-1NIIV5	Under certain conditions, Domain Utility was looping endlessly upon login.
5.1.3	1-1NKT7E	Administrator GUI. When a user displayed a very large form and then clicked on a link in a different frame, an out of memory error was signalled.
5.1.3	1-1NPXAU	When you enabled the repository trace using <code>com.tibco.infra.tools.trace.typesEnabled=CachedServer</code> the user's password was displayed in clear text.  <b>Note:</b> You should only turn on this trace when instructed to do so by TIBCO Support.
5.1.3	1-1FCT3L	TIBCO Administrator used to start using 100% CPU on HP-UX. This has been resolved by using JRE 1.4.1_06 rather than JRE 1.4.1_00.

Closed in Release	Defect #	Description
5.1.3	1-123UJ7	Even on localized versions, the strings on the first screen (e.g. "Domain" and Port) were in English.
5.1.3	1-11NLP5 1-1522C9	On some panels, some strings continue to be displayed in English even for a localized version.
5.1.3	1-17DU94	If you select an application, then click Configuration and choose the application, and finally click <b>Preview URL</b> in the Advanced tab, the URL is now displayed only once (used to be displayed twice).
5.1.3	1-17EUD4	If you go to the Monitoring tab and change the event type, then click Cancel, the event type is no longer changed despite the cancellation.
5.1.3	1-1A849F	After frequent application deploy and redeploy operations, TIBCO Administrator sometimes became very slow. The severity of the issue depended on the size and complexity of the Enterprise Archive and on the number of deploy/redeploy operations performed.  This has been addressed.
5.1.3	1-17FEDS	If you logged in as a user with read privileges, then clicked on Installed Software an exception occurred.
5.1.3	1-16H70J	Groups to roles synchronization did not synchronize any group, if one of the group names was null in the Corporate LDAP (iPlanet 5.1 directory server).
5.1.3	1-15PYGW 1-161TX7 1-123G8W	If circular loops existed in the Corporate LDAP group hierarchy, some of these groups did not appear in TIBCO Administrator when the user selected the <b>Add Groups</b> button. The corresponding group-synchronized roles were also missing.  Circular groups are now shown, but Expand All stops on cycles.
5.1.3	1-167QC9	When an application folder was deleted, the left pane was not refreshed and the folder was still visible. The folder now disappears as soon as you delete it.
5.1.3	1-16TGZ9 1-17JXDD	There were problems when using the Domain Utility to add/remove/add JMS daemons.
5.1.3	1-17MASD	When a user that did not have permissions to view the Administrator consoles attempted to log in, an error was sometimes signalled.

Closed in Release	Defect #	Description
5.1.3	1-11RLMS	Administrator user names and passwords can now contain double-byte characters.
5.1.3	1-15FLY5	Admin 2.x to 5.1.2 migration issue. If a user was assigned administrator privileges in 2.x, that user is now assigned Super User privileges if you migrate users either using the Domain Utility GUI or the Export/Import2xSecurity utilities.
5.1.3	1-1869TS	When one user in a multi-user setting attempted to save a change in the User Interface, TIBCO Administrator sometimes displayed an error "Missing entity lock exception".
5.1.3	1-17FSKV	Scenario: Upload an EAR file, change the EAR file source, and reload the EAR file before saving the application. If you now tried to save the application, an error resulted.
5.1.3	1-1C4KGD	The machine on which you create an EAR file and the machine on which you upload that EAR file can now use different locales.
5.1.3	1-ZQRUW	TIBCO Administrator no longer allows deploying a 4.x adapter configuration against a running 5.x adapter unless the adapter supports it.
5.1.3	1-156UY6	In the Application Management console, the All Service Instances console and the individual applications were intermingled (for example, adFiles, All Service Instances, timertest). The All Service Instances is now above all individual instances.
5.1.3	1-ZY0H6	Under certain conditions, migration (from TIBCO Designer or using bw2migrate) resulted in a null pointer exception (NPE).
5.1.3	1-1QDYSG	Checking access control rights was very slow for roles with large numbers of LDAP groups.
5.1.3	1-1U9ONO	Redeploying or uploading an EAR file with changes to a global variable, didn't cause the global variables' values to be updated, even if they had not be overridden during a previous deployment (that is, were using the old default).
5.1.3	1-1RGVTH	The IcServer and IcRepository could not be started by TIBCO Administrator if non-default TIBCO Hawk or TIBCO Rendezvous parameters were set.

Closed in Release	Defect #	Description
5.1.3	1-M6Q8P	For TIBCO Repository 3.x. and 4.x, the server did not strip off any leading or trailing whitespace before trying to process the RepoURL string.
5.1.3	1-1I673L	<p>If a port was in use by another application and the same port was used for TIBCO Rendezvous parameters during domain creation, the Domain Utility froze.</p> <p>The Domain Utility always used 7500 for validation. The utility now uses the TIBCO Rendezvous parameter entered by the user. The freeze is not fixed, but the utility now validates the correct parameters.</p>
5.1.3	1-1IOIG4, SR: 1-1EU36H, 1-1G9BE5	TIBCO Rendezvous Fault Tolerance parameters can now be set in TIBCO Administrator. Previously RVFT parameters for TIBCO BusinessWorks deployments always used default port 7500. The fix uses the parameters set during domain creation.
5.1.3	1-1I673L	While creating a new administration domain, the Domain Utility tried to create an rvd transport on port 7500 even if non-default ports were specified using TIBCO Rendezvous Advanced Parameters.
5.1.3	1-1G83VH	TIBCO BusinessWorks process-level Monitoring Events (Component Failure, Log Event, etc.) did not work.
5.1.3	1-1FFE66	TIBCO BusinessWorks Manual Work hyperlink for uploading documents to InConcert was not working properly.
5.1.3	1-13JX21	Unregistration of TIBCO InConcert servers now undeploys them.
5.1.3	1-162FLZ	The status of the deploy/undeploy available from history no longer shows Success when deploy/undeploy fails.
5.1.3	1-1D1NYT 1-17R3EU	The status of the deployment now shows Success when deployment succeeds. After successful deployment, the Configuration Builder panel no longer shows the services of the deployed application as "Deployable, services require deployment".
5.1.3	1-1D1NYT 1-17R3EU 1-16XJNT	After renaming a user, you can now create a new user with the old name.
5.1.3	1-1A849F	Memory leaks have been fixed.

Closed in Release	Defect #	Description
5.1.3	1-1BFTFB	You can now specify the HTTP Session timeout in the Advanced tab of the Deployment Configuration.
5.1.3	1-1BVOE5	If you wish to edit an Application Configuration for which another user holds a lock, you can now break that lock.
5.1.3	1-1EV4U1 1-162FLZ	The status of deploy/undeploy available from history shows “success” when deploy/undeploy fails.
5.1.3	1-17R3EF	After successful deployment, when you log into the TIBCO BusinessWorks Workflow Desktop, you get an authorization exception.
5.1.3	1-1B8BNR	Parameters for RVFT can now be set in TIBCO Administrator.
5.1.3	1-1EV4U1	Users were sometimes unable to log into TIBCO Administrator.
5.1.2	1-12SV45	Creating an application under a folder created by a different user gives Entity Locked Error message. If the user tries to break the lock, there is no longer an exception on the screen.
5.1.2	1-XV41H	The TIBCO Administrator GUI now allows you to specify command-line arguments for startup of applications.
5.1.2	1-132BMH	When you click an Adapter Service Instance, the associated statistics are now displayed.
5.1.2	1-ZZTDT 1-YJE4C	For Domain Utility, you can now specify the amount of time the server is allowed to take to connect to a client before a timeout occurs.
5.1.2	1-YVQ1J	On Solaris, specifying an HTTPS configuration for the Administrator does not work.
5.1.2	1-17LO3P	In the Admin 5.1.2 GUI, Installed Software, the TIBCO Administrator version was listed as 5.1.0. The correct number is now used.
5.1.2	1-WQ94P 1-WIM4P	On UNIX platforms, it is now longer necessary to kill the rvd process to release the HTTP Port.
5.1.2	1-13DYWX	When you deployed a C++ adapter using an HTTP transport (such as TIBCO Adapter for Files, or TIBCO Adapter for ActiveDatabase), the deployed .tra file had an incorrect URL, a missing servlet path, and an additional encrypted password. This is no longer a problem.

Closed in Release	Defect #	Description
5.1.2	1-Z6OM9	Removing a secondary server or a JMS Server using the Domain Utility sometimes resulted in an exception. This has been addressed
5.1.2	1-Z9EQR	If you click the Access tab in the Roles console, then check the administer checkbox on TIBCO Administrator and click Save, an error resulted. This has been fixed
5.1.2	1-12UH51 1-126FQJ 1-126FQX 1-Z9NHH	Entity locks for GUI elements are now released properly.
5.1.2	1-1308EH	<p>If you stopped a secondary server from the command-line, the following error was displayed.</p> <p>The instruction at "0x00000000" referenced memory at "0x00000000". The memory could not be "read"....</p> <p>This is no longer a problem.</p>
5.1.2	1-Z6PNQ	When a user with write privileges deploys an application, the user name specified for the connection is now that of the logged in user, not of the super-user.
5.1.2	1-129QPE	When there are multiple process archives in an application and deployment of one of the process archive fails, the status no longer set to failure for all process archives when some of are successfully deployed.
5.1.2	1-129QP8	Reloading an EAR after removing one PAR (originally has two PARs, loaded and deployed it) no longer fails with an error message There was an error: Missing archive name TheRemovedPAR.par in the uploaded archive.
5.1.2	1-12SV6X	Application archive information entered in TIBCO Designer, such as version, author, and description, is now displayed in the Edit Application Configuration screen.
5.1.2	1-O34CI	A deployed application is configured to run as an NT service now handles starting and stopping service instances properly.
5.1.2	1-2S4I8	<p>Sending a XSD schema file from XML Authority to repository causes a character conversion problem.</p> <p>This is no longer an issue with multi-file projects.</p>



Closed in Release	Defect #	Description
5.1.2	1-Z2A7I	Problem: Deploy an application and add a Hawk Event to one service instance, then deploy. Modify the Hawk Event, deploy again. The Hawk Event is updated. When you then revert, the Hawk Event was not reverted.
5.1.1	1-Z76LH	A user with administer privileges was able to stop service instances, even though such users should only be able to assign privileges for consoles. This is no longer possible.
5.1.1	1-Z91Q9	When a JMS server was added to a domain, the JMS Server console was sometimes blank.
5.1.1	1-ZWVTX	<p>During deployment it appears that TIBCO Services Manager (TSM) takes the template tra file and creates a newly substituted one instead. However during this process it also jumbles up the content of the newly created and deployed tra file. As a result, if there are certain dependencies (such as indirection) within the tra file, they result in issues when the adapter/engine is started from the command line. TSM should preserve the order of the template including the comments that are present in the original template.</p> <p>This has been addressed.</p>
5.1.1	1-113C86	<p>Problem: Need a way to terminate all TIBCO process including <code>tibhawkhma</code>. Currently user cannot stop <code>tibhawkhma.exe</code> even though all TIBCO related NT services are stopped.</p> <p>Resolution was to stop all running instances of <code>tibhawkhma</code>.</p>
5.1.1	1-Z6PN5	The various logging entries in administrator.log listed the user that created the domain as the user even if a different user carried out the operation. The correct user is now included.
5.1.1	1-12U369	First log in as a user with read/write permissions, load two or three EAR files, and deploy the application. If you then logged in as a super, created a new user, and tried to assign access rights to that user, an exception resulted.
5.1.1	1-11455S	<p>When deleting a TIBCO BusinessWorks application, a Java authentication error kept being displayed.</p> <p>TIBCO Administrator now deobfuscates the password so the error no longer appears.</p>

Closed in Release	Defect #	Description
5.1.1	1-12JJB9 1-12T8UL	Export of users and roles from Administrator to TIBCO InConcert is now working.
5.1.1	1-1326KQ	When setting up machine monitoring, an error no longer results when the Disk Event is selected.
5.1.1	1-1308GJ	JMS monitoring via TIBCO Administrator is now more detailed.
5.1.1	1-V75C1	Restart feature configured during deployment now works correctly with adapters.
5.1.1	1-WHIUT	Domain Utility now updates the hawkhma.cfg file when you use non-default Hawk parameters.
5.1.1	1-Z9JPL	If you undeploy an application that contains a process archive on Solaris 2.8, the Machines console now has a Processes tab.
5.1.1	1-ZDX41	The TIBCO Hawk MicroAgent now stops on Windows when all domain agents are stopped.
5.1.1	1-ZWIVN	Changing the properties of a TIBCO BusinessWorks process engine deployment, for example, checking the Windows Service checkbox, and then redeploying no longer causes a SetInteger exception in Administrator.
5.1.1	1-LTGP5	When you convert a .dat file to a multi-file project, empty directories are now created.
5.1.1	1-QDF6W	It is no longer possible to create two applications running with the same communications parameters on a server.
5.1.1	1-X3LW6	When you installed TIBCO Administrator on Microsoft Windows 2000, then started the Hawk Agent service, and started the TIBCO Administrator service and clicked Cancel before the Administration Server had finished starting, the service was left in a state where you could not start or stop it.
5.1.1	1-ZDZD1	It is now possible to set fault tolerance weights for the various TIBCO BusinessWorks engines running in fault tolerance mode.
5.1.1	1-ZJF9D	The examples for Import2xSecurity now have the correct program name.

Closed in Release	Defect #	Description
5.1.0	1-FO28T	TIBCO Repository did not allow users to connect to remote instances when there were no master servers running in the load balancing mode.
5.1.0	1-FXKAX, 1-GV7CC	TIBCO Administrator failed to start on a Chinese PC when TIBCO Administrator security was enabled.
5.1.0	1-AES4P	TIBCO Administrator was not working on Solaris on machines that did not support ISO8859-1 encoding.
5.0.1	1-1AF8QZ	Multiple connections to the TIBCO Administrator application repository now work
5.0.0	1-1C4KGD	You can now create an EAR file on a machine with a different locale than the TIBCO Administrator machine and upload it successfully into TIBCO Administrator.

## Known Issues

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This section lists the open issues and suggests workarounds where known.

Defect #	Description
ADM-3403	<p><b>Summary</b> The <i>TIBCO Domain Utility Users Guide</i> is missing the following information:</p> <p>All machines added to a database based administration domain require access to the database.</p> <p><b>Workaround</b> None</p>
ADM-3569	<p><b>Summary</b> In some situations after configuring tracing on an active service instance through TIBCO Administrator, all the flags disappear and all logging becomes disabled until the service is restarted.</p> <p><b>Workaround</b> Restart the service.</p>
ADM-3614	<p><b>Summary</b> When clicking the <b>Synchronize</b> button in the Enterprise Message Service users and groups section of the TIBCO Administrator GUI, the following error message is shown:</p> <p>The attempt to synchronize users and groups failed, and may have left the two servers in only partial agreement. Examine and fix any associat.</p> <p><b>Workaround</b> Carefully check that nothing other than the group all is causing the problem.</p>
ADM-4996	<p><b>Summary</b> When HTTP is specified as the application configuration data transport, under some circumstances, a BW project, which uses HTTP to retrieve configuration data and has HTTP connectors, may encounter exceptions.</p> <p><b>Workaround</b> Use local or rv for application data transport.</p>
ADM-5000	<p><b>Summary</b> Deployment fails after Service Instance Name is changed in TIBCO Administrator to use Chinese characters.</p> <p><b>Workaround</b> Do not change Service Instance Name to use Chinese characters.</p>

Defect #	Description
ADM-5056	<p><b>Summary</b> When an application archive is deployed on TIBCO Administrator 5.7.0, the following warning message is shown:</p> <pre>WARN org.apache.tomcat.util.http.Parameters - Parameters: Invalid chunk ignored</pre> <p><b>Workaround</b> This warning can be safely ignored.</p>
ADM-5066	<p><b>Summary</b> If you rename a user and then select that user in TIBCO Administrator GUI of an Enterprise Message Service based domain server, a RuntimeException is thrown.</p> <p><b>Workaround</b> After the rename operation, logout and log in again before working with the user.</p>
ADM-5069	<p><b>Summary</b> For internal security reasons, when an application with configuration data stored on the server (using <code>rv</code> or <code>http</code> transports) is undeployed, the ACL protecting that data is removed by the admin userid rather than the userid of the person deleting the application.</p> <p><b>Workaround</b> Understand that the entries in the audit log containing AESEC-100501, which are after a line containing AESEC-100802 and ending with [Context specific message was::Undeploy application xxx], are being caused by the undeploy action initiated by the user described in the line containing AESEC-100802.</p>
ADM-5205	<p><b>Summary</b> After TIBCO Administrator is migrated from 5.6.1 to 5.7.0, starting TIBCO Administrator displays errors.</p> <p><b>Workaround</b> None</p>
ADM-5412	<p><b>Summary</b> While creating a new application domain, the validation error message does not display any content.</p> <p><b>Workaround</b> None</p>
1-940FPY	<p><b>Summary</b> If using a TIBCO BusinessWorks™ Collaborator version other than 5.3, the TIBCO Administrator can not find the TIBCO BusinessWorks Collaborator library.</p> <p><b>Workaround</b> Open the <code>TIBCO_HOME/administrator/domain/domain_name/tibcoadmin_domain_name.tra</code> file, change <code>bwc/5.3</code> to <code>bwc/version</code>. The <i>version</i> is the TIBCO BusinessWorks Collaborator version you are using.</p>

Defect #	Description
1-8MBNPY	<p><b>Summary</b> After stopping and restarting the TIBCO Adapter for ActiveDatabase 5.3 or TIBCO ActiveMatrix Adapter for Database 5.5 services from TIBCO Administrator GUI, the services will not start up automatically.</p> <p><b>Workaround</b> Click the <b>Start</b> button to start the services.</p>
1-86O5NP	<p><b>Summary</b> Some strings that are coming from the EAR files and display in the TIBCO Administrator GUI are not correct.</p> <p><b>Workaround</b> None</p>
1-8494W9	<p><b>Summary</b> TIBCO Administrator is sending packets whose size is larger than allowed.</p> <p><b>Workaround</b> Divide the packets into small chunks.</p>
1-8GI4JV	<p><b>Summary</b> If the length of %%Domain%%-&lt;process archive&gt; exceeds 64 characters, uploading an EAR file using the AppManage utility fails.</p> <p><b>Workaround</b> It's a known restriction.</p>
1-1SNIZM	<p><b>Summary</b> If specifying a network address in the Executable (Full Path) field when adding a new adapter to a domain through TIBCO Administrator, the adapter executable can not be found in the specified path.</p> <p><b>Workaround</b> None</p>
1-1VVK6F	<p><b>Summary</b> TIBCO Administrator fails to search the Active Directory Corp LDAP users and groups if the number of LDAP objects returned to TIBCO Administrator for a search is larger than the search limit.</p> <p><b>Workaround</b> Change the DomainUsersSearchLimit property in the AuthorizationDomain.properties file. The file is located in the <i>TIBCO_HOME/tra/domain/domain_name</i> directory</p>
1-65DDPC	<p><b>Summary</b> After creating an application domain that uses a file-based repository, clicking the application domain name displays an edit panel. However, the values defined for the domain cannot be edited.</p> <p><b>Workaround</b> Click Cancel to return to the Application Domains dialog.</p>
1-6J41HF	<p><b>Summary</b> When using the <code>ImportDomainSecurity</code> command to load user and role information into a domain, an extra empty role is created at the top level the first time the command is run.</p> <p><b>Workaround</b> The extra empty role can be manually deleted.</p>

Defect #	Description
1-6EZSLH	<p><b>Summary</b> When renaming a user, clicking Save without changing the user name results in the confusing error message, A local user with this name already exists.</p> <p><b>Workaround</b> Click OK to dismiss the error dialog and return to the Edit User Name dialog where you can rename the user.</p>
1-62KX6S	<p><b>Summary</b> The Restart button for a service is enabled only after the service is stopped and is not enabled when the service is running.</p> <p><b>Workaround</b> To restart a running service, click Stop and then click Start.</p>
1-600VWX	<p><b>Summary</b> The following exception appears in the administrator log file when starting the administration server:</p> <pre>2005 Jun 15 15:51:27:703 GMT -7 Warn [RolesConsoleAuthorizableProvider] AESDKJ-0000 [Thread-3] com.tibco.pof.entity.EntityStoreException: java.io.IOException: Configuration file C:/tibco5/tra/domain/myldap_5011/AuthorizationDomain.properties does not exist ... at com.tibco.pof.entitystore.EntityStoreManager.getReadOnlyEntityDo main(EntityStoreManager.java:277) ... 23 more</pre> <p><b>Workaround</b> The exception can be ignored.</p>
1-4IBC3X	<p><b>Summary</b> When using TIBCO Installation Manager to uninstall TIBCO Administrator, a warning does not appear advising the user to reboot the machine before reinstalling TIBCO Administrator.</p> <p><b>Workaround</b> Reboot your machine after using TIBCO Installation Manager to uninstall TIBCO Administrator and before reinstalling Administrator.</p>
1-6CG5D9	<p><b>Summary</b> For an administration domain configured to use Microsoft Active Directory with Use NetBIOS Domain-based Names, when creating a local user using non NetBIOS format, a warning displays indicating that the user already exists in Active Directory and the local user will get precedence. But after successfully creating the local user, the search pattern displays both the local user (in non NetBIOS format) and the Active Directory user in NetBIOS format.</p> <p><b>Workaround</b> None. Either name can be used without a problem occurring.</p>

Defect #	Description
1-3RUCMH	<p><b>Summary</b> If a custom adapter archive is built using TIBCO Designer 5.2 or higher, the custom adapter cannot be deployed to a version of the custom adapter that is less than the Minimum AE Version.</p> <p><b>Workaround</b> Using the TIBCO Administrator GUI, go to the <b>New Custom Software</b> screen (by clicking <b>Resource Management</b> &gt; <b>Installed Software</b> and selecting <b>Add Custom Software</b>) and reregister the custom adapter. Provide a value in the <b>Version</b> field that is higher than that set in the enterprise archive file. For example, if the value had been set to 1.0.0, provide a value of 1.0.1.</p>
1-3NUEDD	<p><b>Summary</b> If you are in the process of creating a new role, but exit the browser before saving the role (that is, exit without logging out), a locking issue can result such that you are unable to later break the lock on the role you were creating.</p> <p>When you login and attempt to create the same role, a message will appear indicating the object is locked. You will be unable to break the lock.</p> <p>Note that this issue can also occur if two users are concurrently accessing the same domain and one user is in the process of creating a role, but exits the browser without logging out.</p> <p><b>Workaround</b> Click the parent role of the role you were attempting to create. A message will appear indicating the object is locked. Click OK to break the lock. In the next screen, click Cancel to return to the Roles screen. You can now create the role.</p>
1-3G9BWI	<p><b>Summary</b> On AIX, deployment status is sometimes not updated correctly even though an application was deployed correctly.</p> <p><b>Workaround</b> Redeploy the application.</p>
1-4CQX51	<p><b>Summary</b> When attempting to upload an EAR file that has no service, TIBCO Administrator throws an error. Uploading a valid EAR file then throws an error.</p> <p><b>Workaround</b> Cancel out of the current panel and start over, creating a new application.</p>
1-2RTIO1	<p><b>Summary</b> After logging into an administration domain and then starting another browser and logging into another domain, the session for the first domain times out.</p> <p><b>Workaround</b> To view the second domain, instead of starting a new browser session, start a new window from the first browser session.</p>



Defect #	Description
1-22DRX9	<p><b>Summary</b> When using Internet Explorer on Microsoft Windows 2000, you are unable to log into an administration domain. The 'please wait' graphic appears and stays on the screen indefinitely.</p> <p><b>Workaround</b> Login using a Mozilla Suite 1.7.1 or higher or Mozilla Firefox 1.x or higher browser.</p>
1-1S0LFU	<p><b>Summary</b> Because of the caching implementation, users are not removed from ACLS shown on the TIBCO Administrator GUI after the user is deleted until the server restarts.</p> <p><b>Workaround</b> None</p>
1-1RPU8P	<p><b>Summary</b> Occasionally when the administration server is highly stressed and the domain is file-based, the TIBCO BusinessWorks Workflow server registration fails.</p> <p><b>Workaround</b> None</p>
1-1VTKN8	<p><b>Summary</b> When exporting or importing, RepoConvert changes character extended property names by replacing "." with "_slash_".</p> <p><b>Workaround</b> Do not use periods in extended property names.</p>
1-3G9PPD	<p><b>Summary</b> If the Windows registry is corrupted in the TIBCO Domain Utility, the Domain Configuration category will not display.</p> <p><b>Workaround</b> You must reinstall your TIBCO products.</p>
1-3JM6ZR	<p><b>Summary</b> If you:</p> <ol style="list-style-type: none"> <li>1. Assign an LDAP role as a child of a non LDAP role.</li> <li>2. Use ExportDomainSecurity with the -GUID option to export.</li> <li>3. Use ImportDomainSecurity to import.</li> <li>4. Delete the parent role (non LDAP role that contains an LDAP role).</li> <li>5. Export and import the roles again.</li> </ol> <p>The role hierarchy is incorrect.</p> <p><b>Workaround</b> In step 4, delete the child role before deleting the parent role. Another workaround is to remove the GUID from the child in the export file.</p>

Defect #	Description
1-7HFIZG	<p><b>Summary</b> You cannot run a TIBCO Administration Server on a machine that has an underscore (_) character in its name. If there is an underscore in the name, the Administrator login page will display, but you can not get to the next page. There will be no relevant error messages on the screen or in the logs.</p> <p><b>Workaround</b> Use a machine that does not have an underscore in its name or rename the machine.</p>
1-5F4C0M	<p>For large deployments, the TIBCO Hawk agent could time-out before deployment completes causing the deployment to fail. Depending on your TIBCO Runtime Agent installation version, this can be fixed as follows:</p> <p>If TIBCO Runtime Agent 5.2.1 is installed on the deployment target machines and on the machine that hosts the administration server, you can increase the value for the "java.property.tra_deploy_timeout" property in the <i>TIBCO_ADMIN_DOMAIN_HOME\domain-name\bin\tibcoadmin_domain-name.tra</i> file. If you are using the 5.2.1 appManage utility to deploy applications, you can increase the value for the "java.property.tra_deploy_timeout" property in the <i>TIBCO_TRA_HOME\bin\AppManage.tra</i> file.</p> <p>If TIBCO Runtime Agent 5.2.0 or 5.2.1 is installed on the deployment target machines and TIBCO Runtime Agent 5.3.0 is installed on the machine that hosts the administration server, you can increase the value for the "tra_deploy_timeout" property in the <i>TIBCO_TRA_DOMAIN_HOME\domain-name\hawkagent.cfg</i> file on each target machine where deployment is failing due to the Hawk agent timing out.</p> <p>Note that if the property does not exist, add it to the 5.2.x .tra or .cfg file.</p>
1-1NL3DP	<p><b>Summary</b> If your TIBCO_HOME folder is far away from the root, for example: <code>/tmp_mnt/my_mount/qa_directory/admin_install/5.1.3/h7_110_aCC/</code> You may get an error like the following:</p> <pre>86 of 88: http://localhost:8080/administrator//jsp/com/tibco/administrator/EntityButtonUI.jsp 87 of 88: http://localhost:8080/administrator//plugins/QAHP05_513_DOMAIN/BwManualWork/5.1.3/jsp/com/tibco/bwmanualwork/OperationParameterCollectionEditorUI.jsp</pre> <p>Compile failed; see the compiler error output for details.</p> <p>This is an issue with tomcat that TIBCO Administrator cannot address directly.</p> <p><b>Workaround</b> Make sure your TIBCO_HOME folder is not too far from the root.</p>

Defect #	Description
1-6RBIO7	<p><b>Summary</b> During distributed portal deployment, deployment fails using the default deployment timeout value.</p> <p><b>Workaround</b> Increase the deployment timeout value. Follow these steps:</p> <ol style="list-style-type: none"> <li>1. Open the following file for editing: Admin-home\domain\domain-name\bin\tibcoadmin_domain-name.tra</li> <li>2. Locate the following line: java.property.tra_deploy_timeout=600</li> <li>3. Change the default value of 600 to 3600.</li> <li>4. Restart TIBCO Administrator.</li> </ol>
1-55YEXK	<p><b>Summary</b> After a successful deployment of PortalBuilder software, the TIBCO Administrator user interface sometimes continues to indicate that deployment is still in progress.</p> <p><b>Workaround</b> If this happens, you can look for evidence of successful completion in the deployment log. In the portal-home/logs/deployment.log file, search for the latest occurrence of the message:</p> <p>Deployment of portal application your-application-name completed</p> <p>If the time stamp shows the time you would expect, you can feel confident that deployment completed.</p> <p>If logs indicate that deployment completed successfully, then refresh the TIBCO Administrator user interface. In the listing of services (in the Configuration Builder dialog), you will then see the expected statuses for all services:</p> <ul style="list-style-type: none"> <li>• On the left, you should see "Synchronized."</li> <li>• On the right (in the Deployed Configuration pane) you should see "Successful."</li> </ul>
1-1U2ZU4	<p><b>Summary</b> The folder names in the installation path specified for TIBCO Runtime Agent should not contain spaces. TIBCO products cannot be deployed correctly from TIBCO Administrator if the TIBCO_HOME (established by the TIBCO Runtime Agent installation) contains spaces.</p> <p><b>Workaround</b> Reinstall TIBCO Runtime Agent using an installation path that does not contain spaces.</p>

Defect #	Description
1-39QYJP	<p><b>Summary</b> On Windows 2000 if you have a 5.1.3 domain that has an EMS server registered, and you uninstall the TIBCO Runtime Agent 5.1.3, then install TIBCO Runtime Agent 5.2.0 or higher, the domain services cannot be started from the Windows services dialog.</p> <p><b>Workaround</b> None. After uninstalling TIBCO Runtime Agent 5.1.3, reboot your machine and then install TIBCO Runtime Agent 5.5.0.</p>
1-3DV9M5	<p><b>Summary</b> For an Active Directory 2003 based LDAP domain, if the domain is created with the Use NetBIOS Domain-based Names option cleared, then later modified with the option selected, LDAP synchronization fails.</p> <p><b>Workaround</b> None. The option should not be modified.</p>
1-1L3XD0	<p><b>Summary</b> A Microsoft C++ Runtime Error R6025 Pure Virtual Function Call results in Internet Explorer crashing, when clicking on the Configuration link on the left tree for an application inside a folder.</p> <p><b>Workaround</b> Use Mozilla Firefox 1.x or higher.</p>
1-34EXXC	<p><b>Summary</b> In TIBCO Domain Utility, when moving backward or forward in the screens, LDAP and Database field values are lost.</p> <p><b>Workaround</b> None</p>
1-11RLMW	<p><b>Summary</b> In TIBCO Domain Utility, double byte characters are not supported when specifying the database user name for database data storage.</p> <p><b>Workaround</b> Use a Database user name with ISO8859-1 characters.</p>
1-12IPOL	<p><b>Summary</b> When TIBCO Administrator is integrated with an LDAP server, the list of LDAP groups is retrieved twice from the LDAP directory at startup.</p> <p><b>Workaround</b> None</p>
1-1N2WTA	<p><b>Summary</b> When defining the <i>TIBCO_HOME</i> directory, the path cannot contain a space character.</p> <p><b>Workaround</b> None</p>
1-1F8YON	<p><b>Summary</b> TIBCO Domain Utility cannot be used for creating administration domains if the hostname is not in ASCII.</p> <p><b>Workaround</b> Rename the machine to use all ASCII characters.</p>

Defect #	Description
1-1JD5EX	<p><b>Summary</b> When viewing log files in the TIBCO Administrator GUI, if multiple lines have the same timestamp, the order may not match the order displayed in the log file itself.</p> <p><b>Workaround</b> None</p>
1-1V0C56	<p><b>Summary</b> Users names defined in non English languages do not display correctly on machines that use a different language than that used to define the user names.</p> <p><b>Workaround</b> None</p>
1-1WP161	<p><b>Summary</b> Under an error condition involving a remote Rendezvous daemon, the administration server when started as an NT Service remains in a "starting" state, instead of stopping within a certain time period.</p> <p><b>Workaround</b> None</p>
1-1ZU2ZX	<p><b>Summary</b> If a deployment fails, the application cannot be deleted from the Application Management module, without first undeploying it.</p> <p><b>Workaround</b> Undeploy the application, then delete it.</p>
1-37O1XX	<p><b>Summary</b> The service instance detail window does not automatically update the list of log files in the drop-down menu.</p> <p><b>Workaround</b> Close the detail screen and re open it. New log files will appear in the menu.</p>
1-3A2UQE	<p><b>Summary</b> The Deployment global variable does not change when an existing application's EAR file name is changed.</p> <p><b>Workaround</b> Create a new application using the updated EAR file.</p>
1-3BI94J	<p><b>Summary</b> No warning is given if you attempt to include different versions of TIBCO BusinessWorks engines in the same fault tolerant group.</p> <p><b>Workaround</b> None</p>
1-3G9BW5	<p><b>Summary</b> When migrating an administration domain from version 2.x to version 5.x, ACLs are not migrated.</p> <p><b>Workaround</b> None</p>

Defect #	Description
1-5E12YP	<p><b>Summary</b> When starting a secondary server using a different ID than that used to start the Hawk Agent, the uptime is not reported in the TIBCO Administrator GUI for the primary administration server.</p> <p><b>Workaround</b> None</p>
1-5KBN26	<p><b>Summary</b> After deploying and starting a TIBCO BusinessWorks engine from the administration server, when one of the custom roles is cleared in the TIBCO Administrator GUI and saved, all the custom roles are cleared. This occurs only the first time after deployment.</p> <p><b>Workaround</b> None</p>
1-64VV5I	<p><b>Summary</b> In TIBCO Domain Utility, when defining an LDAP filter, the Test Search validation may report success even if the syntax used in the LDAP filter is incorrect.</p> <p><b>Workaround</b> None</p>
1-6BZN0F	<p><b>Summary</b> After installation, if multiple TIBCO installations were performed by different users, the auto launch process can launch the wrong version of Domain Utility.</p> <p><b>Workaround</b> Quit Domain Utility, and launch Domain Utility from the correct installation directory.</p>
1-6GV6D9	<p><b>Summary</b> When using a remote Rendezvous daemon, deployment notification can take an excessive amount of time.</p> <p><b>Workaround</b> None</p>
1-6H3K55	<p><b>Summary</b> Deployment is slow on a file based administration domain, when a secondary server is running in the domain. This issue does not occur on database based domains.</p> <p><b>Workaround</b> Stop the secondary server when deploying.</p>
1-6M3OC1	<p><b>Summary</b> When configuring an application domain, special characters in read only mode do not display in list boxes.</p> <p><b>Workaround</b> None</p>
1-6MUZ5X	<p><b>Summary</b> When deploying applications using the RV or HTTP/HTTPS transport options, the second deployment takes more time than the first deployment.</p> <p><b>Workaround</b> None</p>

Defect #	Description
1-6N8W6L	<p><b>Summary</b> When a user is given read+write+administer permission to "TIBCO Administrator", the UI shows that the user has inherited Administer rights to Data Access, but in fact Data Access does not inherit from "TIBCO Administrator", so the user actually has no such access.</p> <p><b>Workaround</b> Give administer access permission explicitly to the user for Data Access (since access rights are not inherited).</p>
1-78AJ7M	<p><b>Summary</b> If a global variable is defined as both 'Deployment' and 'Service' settable and the value of the variable is modified at the Application level in TIBCO Administrator, the value at the Service level cannot be same as the value set in TIBCO Designer.</p> <p><b>Workaround</b> Set the global variable at the service level, not the application level.</p>
1-7GC0FV	<p><b>Summary</b> The Restart button is disabled for service instances created after the application is deployed in TIBCO Administrator.</p> <p><b>Workaround</b> Kill the service instance, then click the Start button.</p>
1-7K7YQS	<p><b>Summary</b> The TIBCO BusinessConnect 5.1 plug-in into TIBCO Administrator 5.4 has a war file containing an empty directory, which is not supported on tomcat 5.5. As a result, an empty screen can appear in the BusinessConnect plug-in interface in the TIBCO Administrator 5.4 GUI.</p> <p><b>Workaround</b> None. TIBCO BusinessConnect 5.1 is not supported with TIBCO Administrator 5.4 and TIBCO Runtime Agent 5.5 until a service pack is issued.</p>
1-7MYGPR	<p><b>Summary</b> After upgrading to TIBCO Administrator 5.4, TIBCO PortalBuilder services cannot be edited until TIBCO Hawk Agent is run on the machine where the service is hosted.</p> <p><b>Workaround</b> None</p>
1-11RLMZ	<p><b>Summary</b> The administration server log file cannot be in a directory whose path contains double byte characters.</p> <p><b>Workaround</b> None</p>

Defect #	Description
1-1V9HOT	<p><b>Summary</b> After upgrading to release 5.1.3 from TIBCO Runtime Agent 5.1.2 and TIBCO Administrator 5.1.2, deployment and undeployment fails. An exception starting with the following appears:</p> <pre>com.tibco.pof.entity.EntityStoreException: com.tibco.util.plugin.PluginException: The application failed to register its plugins: Could not load DeploymentDescriptorArchive.xsd ...</pre> <p><b>Workaround</b> Add the following properties to the <code>tibcoadmin_domainName.tra</code> and <code>hawkagent_domainName.tra</code> files after upgrading from 5.1.2 to 5.1.3:</p> <pre>java.property.javax.xml.parsers.SAXParserFactory=org.apache.xerces. jaxp.SAXParserFactoryImpl  java.property.javax.xml.parsers.DocumentBuilderFactory=org.apach e.xerces.jaxp.DocumentBuilderFactoryImpl</pre>
1-1NRFXH	<p><b>Summary</b> If you are migrating from TIBCO Administrator 2.x to Administrator 5.x and choose a different <code>TIBCO_HOME</code> directory for 5.x, the <code>Export2xSecurity</code> tool will fail to find the JRE for the 2.x installation as it will search under the 5.x installation for the JRE.</p> <p><b>Workaround</b> Using a text editor, open the <code>Export2xSecurity.tra</code> file and set <code>TIBCO_HOME</code> to the 2.x installation path.</p>
1-7HFIRW	<p><b>Summary:</b> When attempting to open the TIBCO Administrator login, a login panel with realm XDB pops up. It is not possible to get to the TIBCO Administrator login page, even when you type in the URL explicitly.</p> <p>This happens on machines where the Administration Server port has a conflict with the port used by an Oracle server.</p> <p><b>Workarounds:</b> Choose from these workarounds:</p> <ul style="list-style-type: none"> <li>• Don't install TIBCO Administrator on a machine that runs Oracle server</li> <li>• Reinstall TIBCO Administrator with a different port</li> <li>• Shut down the Oracle Server when running TIBCO Administrator</li> </ul>
1-161G4M	<p><b>Summary</b> Role synchronization with a large number of groups (for example, 2500 -5000 groups) takes a long time.</p> <p><b>Workaround</b> None</p>



Defect #	Description
1-19MO7I	<p><b>Summary</b> Using the HTTP transport for communication with TIBCO Administrator (Repository Server) is much slower than using the TIBCO Rendezvous transport.</p> <p><b>Workaround</b> Consider using TIBCO Rendezvous, the local deployment option, or using a database for domain storage.</p>
1-1OLB5T	<p><b>Summary</b> TIBCO Administrator and the Domain Utility can not connect to an LDAP Server using SSL when client authorization is enabled on the LDAP Server.</p> <p><b>Workaround</b> None</p>
1-ZHBHL	<p><b>Summary</b> When you deploy two instances of the same process archive, the archives cannot have different monitoring configurations.</p> <p><b>Workaround</b> None</p>
1-Z1TJH	<p><b>Summary</b> An invalid logon using an invalid password is added to the audit log. However, invalid user names are not added to the audit log. User and role name changes are also not logged.</p> <p><b>Workaround</b> None</p>
1-YS8W8	<p><b>Summary</b> Cannot export selected audit log items to file using Internet Explorer 5.5.</p> <p><b>Workaround</b> Use Internet Explorer 6.0 (or later) or Netscape Navigator 6.2 or later.</p>
1-16PWD9	<p><b>Summary</b> The TIBCO Administrator GUI allows you to add rulebases to a monitoring configuration several times. There should be a check displaying The rulebase is already in the configuration.</p> <p><b>Workaround</b> None</p>
1-1IR5L6	<p><b>Summary</b> In the General tab of View Service Instance for some adapters, the Statistics pane does not show valid information.</p> <p><b>Workaround</b> None</p>
1-1FFYR9	<p><b>Summary</b> If using Internet Explorer and you create a deployment configuration, then select it and change the transport from RV to HTTP, the new transport does not show up properly.</p> <p><b>Workaround</b> Force a refresh of the display to see the correct transport. Note that this problem does not occur if using Netscape.</p>

Defect #	Description
1-1UOXET	<p><b>Summary</b> If a TIBCO BusinessWorks process references an adapter, the adapter configuration is added to the Shared Archive of the EAR file. If that configuration is modified and the EAR regenerated and uploaded into an existing application, all components are marked as Deployable rather than just the adapter that changed. This means that all components are stopped during deployment rather than just the adapter.</p> <p><b>Workaround</b> None</p>
1-103GMT	<p><b>Summary</b> If the TIBCO Hawk Agent is started as an NT Service, mapped drives on the machine are not recognized by deployed services.</p> <p><b>Workaround</b> Start the Hawk Agent from the command line.</p>
1-7HFIXI	<p><b>Summary</b> Selecting a connection factory line that is an alias and choosing Delete removes the entire connection factory, not just the selected alias.</p> <p><b>Workaround</b> None</p>
1-1APL6Z	<p><b>Summary</b> TIBCO Administrator will only show a JMS server as running if it was started from the TIBCO Administrator GUI.</p> <p><b>Workaround</b> Even if the JMS server was started through another mechanism (manually, or as a Windows service), you may still navigate to its configuration tabs (even though it is displayed as stopped).</p>
1-16P46T	<p><b>Summary</b> On the Process Definitions tab, if an activity is a Call Process activity, it used to be possible to navigate to the subprocess through a link. This functionality is no longer available.</p> <p><b>Workaround</b> None</p>
1-19FXE4	<p><b>Summary</b> When you are using a database for storing process engine data (such as checkpoints), the <i>prefix_job</i> table has a column named <i>engine_name</i>. The maximum size of data in this column is 50 characters, by default. Therefore, engine names longer than 50 characters cause checkpoints to fail. The engine name is specified in the <i>.tra</i> file for your process engine. You can locate the engine name in the <i>application.args</i> property in that file. For example:</p> <pre>application.args=%APP_ARGS% -p C\:/tibco/bw/5.1/bin/domain/ myDomain/deployment-Process_Archive.tra -name deployment-Process_Archive</pre> <p><b>Workaround</b> You can determine the maximum length of your process engine names (by examining each engine's <i>.tra</i> file), and manually alter the <i>engine_name</i> column in your database. See your database documentation for more information about altering column size.</p>

Defect #	Description
1-7HFIYU	<p><b>Summary</b> Startup of TIBCO Administrator on UNIX is only possible from an X terminal.</p> <p><b>Workaround</b> In order to run TIBCO Administrator on a UNIX machine without having an X-Session you need to run the application in a 'headless' mode. (This is a java 1.4.x feature for awt applications) The following property needs to be added in the <code>tibcoadmin_domain_or_server.tra</code> file  <code>java.property.java.awt.headless=true</code></p> <p><b>Note</b> This workaround does not work on the HP-UX platform. You must use an X session on HP-UX.</p>
1-1WAOT5	<p><b>Summary</b> TIBCO BusinessWorks Workflow deployments can show a failure status, even though the deployment itself was successful. The status shows Failure to Contact Hawk Agent. The deployment history also initially shows Failure Contacting Hawk Agent, which after some time changes to Success.</p> <p>This occurs due to network problems or deployment taking a long time. If TIBCO Administrator is not updated about the deployment progress by TIBCO Hawk Agent (due to loss of TIBCO Rendezvous packets resulting from network problems), TIBCO Administrator eventually times out and displays a failure in deployment.</p> <p><b>Workaround</b> Increase the deployment timeout.</p> <p>Although the deployment status incorrectly shows Failure in TIBCO Administrator, the deployment history eventually reports it correctly as Success. The actual application is also deployed correctly. However, if the application is undeployed, some steps in the undeployment process will not be completed by TIBCO Administrator. The application must be manually deleted from the following location, after undeploying from TIBCO Administrator:  <code>TIBCO_HOME/bwworkflow/5.1/tomcat/webapps-TOMCAT_Instance_Name&gt;\Workflow_Application_Name</code></p>

