

CA Configuration Automation®

Release Notes

r12.8



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CA Technologies Product References

This document references the following CA components and products:

- CA Network Discovery Gateway (CA NDG)
- CA Embedded Entitlements Manager (CA EEM)
- CA Business Intelligence (CA BI)

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Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information that you need for your Home Office, Small Business, and Enterprise CA Technologies products. At <http://ca.com/support>, you can access the following resources:

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Chapter 1: Overview

This document contains information about new features and enhancements in this release of CA Configuration Automation. Additionally, it contains installation requirements and considerations, an overview of product documentation, and information about contacting [CA Technical Support](#) (see page 3).

Chapter 2: Operating Environment Support

This chapter describes the operating environments that are supported by the various CA Configuration Automation components.

This section contains the following topics:

[CA Configuration Automation Server](#) (see page 9)

[CA Configuration Automation Database](#) (see page 9)

[CA Configuration Automation Grid](#) (see page 10)

[CA Configuration Automation Agent](#) (see page 10)

[Network Discovery Gateway](#) (see page 11)

CA Configuration Automation Server

CA Configuration Automation Server software installation is supported on the following operating environments:

- Microsoft Windows Server 2008 (32-bit and 64-bit versions)
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012
- Novell SUSE Linux 9, 10, and 11 (32-bit and 64-bit versions)
- Red Hat Enterprise Linux 5 and 6 (32-bit and 64-bit versions)
- Solaris 9 and 10 (32-bit and 64-bit versions)

Note: Use a dedicated server with a 64-bit operating system for the CA Configuration Automation Server when possible.

CA Configuration Automation Database

CA Configuration Automation Database software installation is supported on the following database servers:

- Microsoft SQL Server 2008 (with current patches)
- Microsoft SQL Server 2012
- Oracle 11g (Solaris, Linux, AIX, and Windows only)

Note: Use a dedicated server for the database server when possible.

CA Configuration Automation Grid

The following operating environments support CA Configuration Automation Grid software installation:

- Microsoft Windows 2008 Server (32-bit and 64-bit versions)
- Microsoft Windows 2008 Server R2
- Microsoft Windows Server 2012
- Novell SUSE Linux 9, 10, and 11 (32-bit and 64-bit versions)
- Red Hat Enterprise Linux 5 and 6 (32-bit and 64-bit versions)
- Solaris 9 and 10 (32-bit and 64-bit versions)

Note: Use the 64-bit operating system version when possible.

CA Configuration Automation Agent

The following operating environments support CA Configuration Automation Agent software installation: AIX 5L v5.3 (32-bit and 64-bit versions) and AIX v6.1 (32-bit emulation mode), and AIX v7.1 (64-bit version)

- CentOS Linux release 5 (requires that the compat-libstdc++-33 and libXp-1.0.0-8.1.el5 components are installed on the agent host)
- Debian 6.0.1
- HP-UX 11i (32-bit and 64-bit versions), HP-UX 11i v3 Itanium and PA-RISC (32-bit, and 64-bit emulation mode)
- Microsoft Windows 2003 Server with SP2 or later, Windows 2008 Server (32-bit and 64-bit versions), and Microsoft Windows 2012
- Oracle Linux 4, 5 and 6 (Certified on 4.8 x64, 5.7 x64, 6.2 x86/x64)
- Red Hat Enterprise Linux 4, 5, and 6 (32-bit and 64-bit versions)
- Solaris 8, 9, and 10 (32-bit and 64-bit versions), 11 (Sparc & Intel x64)
- SUSE Linux 8, 9, 10, and 11 (32-bit and 64-bit versions)
- Ubuntu Linux version 12, 13 (Install ia32-libs on 64-bit machines for the 32-bit CCA agent to work)

Note: CCA Agent is certified on Ubuntu 12.10 x64, and Ubuntu 13.04 x86.

The CA Configuration Automation Agent can interrogate databases on its installed server (except for CentOS Linux). The following table lists the databases that each CA Configuration Automation Agent platform (left column) can interrogate:

Agent Database Connectivity	Oracle DB 11g	Microsoft SQL 2008	Microsoft SQL 2012	Sybase ASE 15	DB2 9.5	MySQL 5.1	Postgres 9
Solaris 10				X		X	
Red Hat Enterprise Linux 5 x86 (64-bit)				X		X	X
Red Hat Enterprise Linux 6 x86 (32-bit)						X	X
Windows 2008 32-bit	X	X		X	X	X	X
Windows 2008 64-bit	X	X	X		X	X	X
Windows 2012 64-bit	X	X	X		X	X	X

Note: Oracle 11g 32-bit applications are installed in 32-bit compatibility mode on 64-bit operating systems.

Network Discovery Gateway

The following operating environments support Network Discovery Gateway (NDG) software installation:

- Microsoft Windows Server 2008 (32-bit and 32-bit compatibility mode on 64-bit platforms)
- Microsoft Windows Server 2008 R2
- Microsoft Windows Server 2012

Chapter 3: System Requirements

Before you install, verify that you are installing the software on a supported platform using a supported database, as defined in Supported Operating Environments section.

This section contains the following topics:

[Preinstalled Database](#) (see page 13)

[SQL Server Authentication Settings](#) (see page 14)

[Java Virtual Machine](#) (see page 15)

[Display Properties Settings \(Windows\)](#) (see page 15)

[Network](#) (see page 15)

[Processor](#) (see page 16)

[Memory and Disk Space](#) (see page 16)

[Web Browser Support](#) (see page 17)

[CA EEM Server Support](#) (see page 18)

[Storage Area Network \(SAN\) Manager Software](#) (see page 18)

[Peripherals](#) (see page 18)

Preinstalled Database

CA Configuration Automation uses a relational database to store blueprint and application-related data. You can create the database within your existing Oracle or Microsoft SQL Server environment. The requirements are as follows:

- The licensed database software is installed before you run the CA Configuration Automation Server installation program.
- You can create the database instance and administrative user during CCA Server installation.
- Ensure the user performing the installation or upgrade has the following database user rights:

Microsoft SQL Server User Rights

- Minimum install rights: dbcreator
- Minimum user rights: db_owner

Oracle User Rights

The user needs to be granted quota space for the tablespaces. If the user is assigned the RESOURCE role, the user has unlimited tablespace. If the RESOURCE role is not assigned, the user must have quota space assigned using the alter command as follows:

```
alter user cca quota unlimited on CCADATA;  
alter user cca quota unlimited on CCAINDEX;
```

The following privileges are required:

- CREATE PROCEDURE
- CREATE SEQUENCE
- CREATE SESSION
- CREATE TABLE
- CREATE TRIGGER
- CREATE VIEW

Regardless of the database type, you need to provide the following database-related details to connect with and create or update the database schema during CCA Server installation:

- CCA Database user name
- CCA Database password
- Database server name
- Database name (if you are using Microsoft SQL Server) or Oracle Service name (if you are using an Oracle database)
- If you choose to create the database user during CA Configuration Automation Server installation, you need to provide the user name and password of the administrator authorized to create the database instance

SQL Server Authentication Settings

If you are creating the CCA Database on Microsoft SQL Server, you need to check your SQL Server authentication settings.

Note: Ensure that you are using SQL Server and Windows authentication, not Windows only. If you do not have the correct authentication configured, CCA Database creation fails.

To check your SQL Server authentication settings

1. In SQL Server Enterprise Manager, expand the SQL Server Group.
2. Right-click on a server, and select Properties.
3. Click the Security tab.
4. Under Authentication, ensure that SQL Server and Windows are selected.

Java Virtual Machine

When you install CCA Server, the installation program recommends that you install a Java VM version that has been tested and qualified for compatibility with CCA Server. If you opt to use an existing installed Java VM, ensure the version is 1.6 or later.

Note: The Java VM requirement is for the CCA Agent install and uninstall operations only. Java VM is *not* required for normal agent operation.

As you may already have a version of a Java VM installed on the target server for the CCA Agent, two different agent installers are provided on the CCA distribution DVD—one version installs Java VM (agentvm) and one version does *not* install Java VM (agent) and attempts to find and use an existing Java VM.

Notes:

- The installation program may not be able to locate an existing Java VM if it was not installed in a commonly known location. If the installation fails, use agentvm to install the CCA Agent.
- For the remote CCA agent installation without VM, ensure that the JRE 1.5 or later is installed on the target machines.

Display Properties Settings (Windows)

The Display Properties, Settings for the monitor from which you run installation on a Windows server must be set to a minimum of 256 colors. This is a requirement for the correct functioning of the installer user interface.

If you do not have a monitor from which you run installation on a Windows server that can be set to a minimum of 256 colors, contact CA Support for a workaround.

Network

Connection to the network through an Ethernet 10/100 Base-T or Gigabit Ethernet network interface card (NIC) is required.

Processor

The following table shows the *minimum* processor required for CA Configuration Automation and related components:

Component	Processor
CA Configuration Automation Server	<ul style="list-style-type: none">■ One 2 GHz dual core processor if the CA Configuration Automation Database is located on a different computer■ Two 4 GHz dual core processors if the CA Configuration Automation Database is located on the same computer Note: We recommend a dedicated CCA Server.
CA Configuration Automation Database	Two 3 GHz dual core processors (also consider the native database vendor requirements) Note: We recommend a dedicated database server.
Network Discovery Gateway	One 2 GHz dual core processor
CCA Grid Server	One 2 GHz dual core processor
CA EEM Server	One 2 GHz dual core processor
CA Business Intelligence	One 2 GHz dual core processor

Memory and Disk Space

System requirements for memory and disk space vary by component as shown in the following table:

Component	Memory (RAM)	Minimum Free Disk Space
CA Configuration Automation Server	4 GB recommended (2 GB minimum) For optimal CCA Server performance, 1.5 GB of Java Virtual Memory is allocated by default.	5 GB
CA Configuration Automation Database	8 GB or more See native database vendor requirements	100 GB (depends on usage)

Component	Memory (RAM)	Minimum Free Disk Space
CA Configuration Automation Agent*	10 MB	Installation requirements: <ul style="list-style-type: none"> ■ 170 MB using existing Java VM ■ 300 MB using supplied Java VM Runtime requirements: <ul style="list-style-type: none"> ■ 65 MB using an existing Java VM ■ 100 MB using supplied Java VM
Network Discovery Gateway*	2 GB or more	2 GB
CCA Grid Server*	2 GB for each Grid Node instance	5 GB
CA EEM Server	2 GB or more	10 GB
CA Business Intelligence	2 GB or more	20 GB on the C drive, 30 GB total See the BusinessObjects product documentation for requirement details.

* These components can be installed on the same server or virtual servers, but you must be aware of the cumulative installation requirements.

The installation program extracts its contents to a temporary directory (the directory specified by the TEMP environment variable on Windows or the /tmp directory on Linux and UNIX or the current user's home directory). The extractor checks for adequate free space. After the installation has been successfully completed or is canceled, the temporary storage used by the installation program is released.

Note: A database server's performance increases significantly when configured as a dedicated, physical server. Consult your database administrator for database server guidelines.

Web Browser Support

CA Configuration Automation includes a web-based interface for CA Configuration Automation Server access from both desktops and servers. The following browsers are supported:

- Microsoft Internet Explorer 7, 8, and 9 with Adobe Flash

- Microsoft Internet Explorer 10 on Windows 7, and Windows 2008 and 2012 in Desktop mode

IE 10 supports the following report formats on Windows:

- Windows 2008 and 2012—All the report formats except the Crystal reports
- Windows 7—All the report formats
- Mozilla Firefox 16
- Google Chrome 20

CA EEM Server Support

CA Configuration Automation is certified with the CA EEM Server 12.51.0.4 version.

Storage Area Network (SAN) Manager Software

CA Configuration Automation discovers SAN storage devices by communicating with the following storage management software:

NetApp OnCommand (version 4.0 or later)

Discovers NetApp storage systems

Note: NetApp OnCommand was known formerly as DataFabric Manager server.

EMC SMI-S provider (version 4.4.0.0 or later)

Discovers EMC Clariion and Symmetrix storage systems.

Peripherals

A DVD-ROM drive (either attached locally or accessible remotely over the network) or the ability to mount a downloaded DVD image is required.

Chapter 4: New Features and Enhancements

This section contains the following topics:

[CA Configuration Automation Administration Properties are Populated in the catalyst group](#) (see page 19)
[Configure Date and Time Formats](#) (see page 20)
[General User Interface Enhancements](#) (see page 20)
[IBM Storwize V7000 Storage Devices can be Discovered and Managed](#) (see page 21)
[IP Address Import Supports Wild Card and Subnet Masks](#) (see page 21)
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[Test CA Configuration Automation Server and CA Catalyst Server Connectivity](#) (see page 24)
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[Export Failed CIs to an Excel Spreadsheet](#) (see page 25)
[WMI Proxy Type Supports Communication Between CA Configuration Automation Server and Target Server Through a Proxy Server](#) (see page 25)
[WMI Discovery Limitations](#) (see page 26)
[WMI Proxy and SSH Proxy Discovery Limitations](#) (see page 26)
[WMI and Telnet Discovery Limitations](#) (see page 26)
[Enhancement in Visualization View](#) (see page 26)
[Enhanced Server Table View in Services Tab](#) (see page 26)

CA Configuration Automation Administration Properties are Populated in the catalyst group

During the CCA Connector installation, the CCA connector populates the following attributes in the catalyst group:

- Catalyst Server
- Catalyst Port

Configure Date and Time Formats

This release lets you configure the date and time to different formats in the product UI. Update the following properties in the Configuration tab under the Administration link, and then restart the CA Configuration Automation server.

- `datepicker.date.display.format`
- `datetime.date.display.format`
- `datetime.time.display.format`

General User Interface Enhancements

This release includes the following UI enhancements:

- The Summary Charts, Tree View, and Flat Table in the compliance job results contain the information about both passed and failed rules.
- The new *Rule Passed By Severity* node in the Tree view lets you view the rules that passed during the Rule Compliance operations.
- The Details subtab on the Flat Table tab is renamed to *Compliance Details*.
- The Compliance Details tab displays the passed and failed rules, and the rule status.
- The Flat Table tab contains new *Total Passed* and *Total Run* columns. The new columns display the total count of the rules that are run and passed. The Services, Servers, and Software subtabs contain the new columns.
- The new Rule Exceptions tab in the management Compliance tab displays the list of configured rule exceptions.
- The Table Actions in the Rule Exceptions page lets you add exceptions, and the Select Actions lets you manage and delete exceptions.
- The new Rule Exceptions tab in the Compliance results displays the Servers and Services exceptions for the selected rules.
- The new *Hostname Aliases* field in the Server details displays the various names that are associated with an IP address. The CCA Server discovery reconciles the servers that have multiple DNS aliases and displays the accurate count of the discovered servers. The product does not discover the multiple aliases that are associated with the server as separate servers.
- The new *OS Family* column in the Expanded Server Details table view displays the operating system of the servers that the CCA server manages.
- The new *Unqualified Server Name* column is introduced in a Server table view to display the host names or the IP addresses. The table view excludes the domain names for the easy readability when you have multiple domains and sub domains in your network.

- The new *Software* tab is introduced in the Management section to view and manage all the components and applications of all the discovered servers.
- The new *Log Archives* tab is introduced in the Diagnostics tab to view and manage the archived logs.
- The new page sizes for a Table View let you view maximum of 900 rows in a Table View.

IBM Storwize V7000 Storage Devices can be Discovered and Managed

IBM Storwize v7000 SMI-S storage devices can now be discovered and managed by CA Configuration Automation.

IP Address Import Supports Wild Card and Subnet Masks

In the inclusion list of a network profile, the imported IP address now supports the IP address Wild cards, IP ranges, and Subnet notations.

For example: 10.10.10.* or 10.10.10.?, 10.10.10.{12-24} and 10.10.10.0/24.

Limit Network Discovery to Discover only the Servers that are Targeted in the Inclusion List

This release introduces the new **Restrict Discovery to Targeted Servers for Communications Relationship** option in the network scan policy UI. The option excludes the servers that the product discovers in the communication relationships and discovers the servers in the network profile Inclusion List field.

New and Updated Blueprints

This release includes the following new or updated Blueprints:

Blueprint Name	Component Version	Blueprint Version
AIX with Compliance Rules	[4 5].*	1.0.0

Blueprint Name	Component Version	Blueprint Version
AIX 5.3 and 6.1 with Compliance Rules	5.3 6.1	1.0.1
Apache 2 HTTP Server RPM (UNIX)	2.*.*	1.1.1
Apache2 HTTP Server (UNIX)	2.*.*	1.1.1
Apache2 HTTP Server (Windows)	2.*.*	1.1.1
Apache2 HTTP Server with Compliance Rules (UNIX)	2.2.*	1.2.0
Apache2 HTTP Server with Compliance Rules (Windows)	2.2.*	1.1.1
Apache2 HTTP Server with Compliance Rules (Windows)	10.*	1.1.1
Apache Tomcat Servlet Engine	6.* 7.*	1.1.0
CCA Server	*.*	1.0.0
CA LISA	7.*	1.0.0
CA Service Operations Insight (SOI)	3.*	1.0.0
CA Siteminder Policy Server	12.5	1.0.0
CA SiteMinder Secure Proxy Server	12.5	1.0.0
CA SiteMinder Web Agent	12.5	1.0.0
CA SiteMinder Web Agent	6.*	1.0.0
CA Netegrity SiteMinder Policy Server	*.*	1.0.0
ColdFusion (Windows)	7.*	1.0.0
IBM DB2 Database (UNIX)	10.*	1.0.0
IBM DB2 Database (Windows)	10.*	1.0.0
IBM DB2 Universal Database (Windows)	*.*	1.0.0
IBM WebSphere 8 Server Instance	8.*	1.0.0
IBM WebSphere 8 Profile	8.*	1.1.0
IBM WebSphere 8 Application Server	8.*	2.0.0
IBM WebSphere 8 Profile	8.*	2.0.0
Microsoft SQL Server 2012	11.*	1.0.0
MSMQ	[2345].0	1.0.0
MSMQ Storage	[2345].0	1.0.0
Oracle - Client (UNIX)	*.*	1.0.0

Blueprint Name	Component Version	Blueprint Version
Oracle - Client (Windows)	*.*	1.0.0
Oracle 8i Database (UNIX)	8.*	1.0.0
Oracle 8i Database (Windows)	8.*	1.0.0
Oracle 9i Database (UNIX)	9.*	1.0.0
Oracle 9i Database (Windows)	9.*	1.0.0
Oracle 9i Database with Compliance Rules (Windows)	9.*	1.0.0
Oracle Database 10g (UNIX)	10.*	1.0.0
Oracle Database 10g (Windows)	10.*	1.0.1
Oracle Database 10g with Compliance Rules (UNIX)	10.*	1.0.0
Oracle Database 10g with Compliance Rules (Windows)	10.*	1.0.1
Oracle Database 11g (UNIX)	11.*	1.0.0
Oracle Database 11g (Windows)	11.*	1.0.1
Oracle Database 11g with Compliance Rules (UNIX)	11.*	1.0.0
Oracle Database 11g with Compliance Rules (Windows)	11.*	1.0.1
Red Hat JBoss Enterprise Application Server	7.1.*	1.0.0
Red Hat Linux 5.0 and 5.1 with Compliance Rules	5.[0 1]	1.0.0
Ubuntu Linux	12.* 13.*	1.0.0
VMware ESX Server - Limited	*.*	1.0.0
VMware ESX Server 4 with Compliance Rules	4.*	1.0.0
Windows Server Failover Cluster	2012	1.0.0

New Rule Groups Available under Compliance Tab

This release adds PCI compliance support to the existing CIS compliance support for the following compliance blueprints:

- Windows Server 2008 DM with Compliance Rules v2008 r1.0.0
- Windows Server 2008 DC with Compliance Rules v2008 r1.0.0
- Red Hat Linux 4.0 with Compliance Rules v4.0 r1.1.0
- Red Hat Linux 5.0 and 5.1 with Compliance Rules v5.[0|1] r1.0.0

The Compliance tab includes the following rule groups as part of the blueprint updates:

- PCI_DSS_V2.0_Windows_SRV_2008_DC
- PCI_DSS_V2.0_Windows_SRV_2008_DM
- PCI_DSS_V2.0_RHEL_4
- PCI_DSS_V2.0_RHEL_5

Remote Agent Installation Changes

After the remote CCA agent installation completes, the CCA agent binds to the IP address of the target computer. The product retrieves the target computer IP address from the CA Configuration Automation Server table.

Supported CABI Versions

The CA Configuration Automation Server is upgraded to integrate with CABI 3.3 SP01.

Supports * and ? Wildcards as File Indicators

To locate the component relative to the file indicator, use the * and ? wildcard characters in the directory names of the Path from Root value.

Test CA Configuration Automation Server and CA Catalyst Server Connectivity

A *Test Connector Status tab* in the Jobs link lets you test the CCA Connector connectivity between CA Configuration Automation Server and CA Catalyst server. The server connectivity displays the following statuses:

- Responding—CCA Connector is running.
- Not Responding—CCA connector is not running.

View Catalyst Server Information

You can view the CA Configuration Automation Server and CA Catalyst server integration information in the Diagnostics tab. You can use the integration information for diagnostics, or troubleshooting. The CCA Integrations tab lists the following attributes:

- Catalyst Server (HTTP Port)
- Catalyst Container Server
- Catalyst Container Node Name
- Catalyst Container version
- Connector version
- Connector Node Name

View Enhanced Logs

This release lets you view the enhanced server and test discovery logs. The logs provide information about the indicator searches, effective components roots, and reasons for the blueprints exclusion from a discovery. The enhanced logs provide information about how to resolve the discovery errors.

To view the enhanced logs, set the *discovery.extensive.log* property to True in the Properties page under the Configuration tab. For more information about how to view and edit the CA Configuration Automation Properties, see the *CA Configuration Automation Administrator Guide* guide.

Export Failed CIs to an Excel Spreadsheet

The new *Export Failed Summary to Excel* action is introduced for the Catalyst jobs. The option lets you export the failed CIs to an excel sheet for a selected Catalyst job while exporting the data to CA Catalyst.

WMI Proxy Type Supports Communication Between CA Configuration Automation Server and Target Server Through a Proxy Server

This release lets you specify WMI as the proxy type. The WMI mode facilitates communication between the CCA server and target server through a proxy server.

WMI Discovery Limitations

The WMI discovery has the following limitations:

- The WMI discovery is not supported on a target server if the target server name or IP address is a cluster name or IP address. Instead, the WMI discovery is performed if the target server is the name or IP address of the physical nodes of a cluster.
- WMI Proxy Server should be a Windows server when you specify WMI as the proxy type.

WMI Proxy and SSH Proxy Discovery Limitations

WMI Proxy and SSH Proxy do not discover the managed, and configuration data of the Relational Database Management.

WMI and Telnet Discovery Limitations

When you run discovery on target servers using WMI or Telnet, ensure that the FTP password does not contain (") quote characters. Else the discovery fails.

Enhancement in Visualization View

The Virtualization view lets you monitor the virtual and physical servers, and displays the information about the state of the servers.

Enhanced Server Table View in Services Tab

The Server table view in the Service tab now provides the information about the server that is part of the selected service. The Selected Server field now displays the servers that are part of the service directly or indirectly through the server groups.

Chapter 5: Published Fixes

The complete list of published bug fixes for this product can be found through Published Solutions on <http://support.ca.com>.

Chapter 6: International Support

An *internationalized product* is an English product that runs correctly on local language versions of the required operating system and required third-party products, and supports local language data for input and output. Internationalized products also support the ability to specify local language conventions for date, time, currency and number formats.

This release of CA Configuration Automation is localized for Japan.

Chapter 7: Documentation

The following documentation is included with this product:

Administrator Guide

Provides detailed instructions about using all features available in the Administration panel in the CA Configuration Automation user interface (UI). It also contains instructions for editing CA Configuration Automation configuration files. This document is named CCA_AdminGuide_ENU.pdf and is located in the CCA documentation folder.

User Guide

Provides detailed instructions about using all features available in the Management, Dashboard, and Tasks panels in the CA Configuration Automation user interface (UI). It also contains instructions for using the command-line interface. This document is named CCA_UserGuide_ENU.pdf and is located in the CCA documentation folder.

Implementation Guide

Provides detailed instructions about installing the NDG Server, the CA Configuration Automation Server, the CA Configuration Automation Database, CCA Grid Nodes, and CA Configuration Automation Agents. It also includes information on installing other required components including BusinessObjects reporting functionality, and CA EEM. This document is named CCA_ImplGuide_ENU.pdf and is located in the CCA documentation folder.

Connector Guide

Describes how to install and configure the CA Catalyst connector for CA Configuration Automation. This document is named CCA_ConnectorGuide_ENU.pdf and is located in the CCA documentation folder.

Message Reference Guide

Provides a list of all messages displayed while working with CA Configuration Automation. It also includes the reason the message appears, and a possible solution. This document is named CCA_MessageReferenceGuide_ENU.pdf and is located in the CCA documentation folder.

Release Notes

Contains release-specific information including new features, new blueprints, and supported operating environments for the various CA Configuration Automation components. This document is named CCA_RelNotes_ENU.pdf and is located on the distribution media in the top level directory.

Readme

Describes known issues, workarounds and late-breaking information not included in the standard product documentation. Review the file before working with the product. You can access the readme.html file from the dvd1 folder on Windows systems or from the root of the distribution media on Linux or UNIX.

Online Help

Provides detailed instructions about using all features available in the CA Configuration Automation Server user interface (UI). The top level of the online help system can be accessed from the Help link at the top right corner of the UI. Context-sensitive help is available from many pages and dialogs within the product.

Tenant UI Help

The tenant UI has an independent help system available from the tenant UI. For information about installing and configuring the tenant UI, see the Implementation Guide.

Note: The PDF files are independent of platform and operating system, and are viewable in the Adobe Acrobat Reader in Windows, Linux, and UNIX environments.

To view PDF files, you must download and install the Adobe Acrobat Reader from the Adobe website if it is not already installed on your computer.

Appendix A: Acknowledgments

The CA Configuration Automation Bookshelf links to a text file called CCA_TPSA.txt that contains the copyright and license agreements for third-party software used in this CA Configuration Automation release.