



# Adobe ColdFusion (2016 release) Enterprise Edition

Get a robust platform for scalable, high-performing web and mobile applications.



*If you recently purchased ColdFusion 11, you might be eligible for a complimentary upgrade to ColdFusion (2016 release). To find out more, contact Customer Service at 800-833-6687 or [www.adobe.com/support/contact](http://www.adobe.com/support/contact)*

The 2016 release of Adobe ColdFusion Enterprise Edition is a tried and tested application server that simplifies complex coding tasks in enterprise environments. Rapidly develop web and mobile applications that are robust, scalable, secure and adept at handling high loads with high reliability. Create new channels for your offerings by using the all-new API Manager to implement your API strategy faster. Get unprecedented control over PDF generation and manipulation.

**Embrace futuristic technologies**—Move your APIs swiftly from concept to production with the all-new API Manager. Manage APIs across their lifecycle, get insights into usage and track all aspects of performance. Secure your APIs, restrict access beyond a specified threshold and maximize returns on your APIs through the developer portal.

**Deploy enterprise-ready applications**—Get unprecedented control over PDF generation and manipulation, including new capabilities such as redaction and sanitization. Use the new security code analyzer to automatically detect vulnerabilities. Leverage overall performance enhancements to make existing applications work faster.

**Build applications quickly**—Work faster with many nifty new features that include a command-line interface, CFML enhancements, SOAP to REST translation, and web services support. Leverage your existing CFML skills to develop mobile apps and use built-in integration with Adobe PhoneGap Build.

## VERSION COMPARISON CHART

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
<b>API Manager</b>			
API monitoring	New		
API version and lifecycle management	New		
API access control	New		
API rate limiting and throttling	New		
API developer portal	New		
SOAP gateway	New		
External storage for session scope	New		
API caching	New		
Scalable API management infrastructure	New		
SOAP to REST translation	New		
<b>Document services</b>			
PDF digital signatures	•	•	
PDF archiving	•	•	
Full PDF DDX support	•	•	
PDF redaction	New		
PDF sanitization	New		
Exchange comments across files	New		
Standardized PDF metadata	New		
PDF attachments	New		
PDF stamp support	New		
Cluster support for HTML to PDF conversion	•	•	
Microsoft Office 2010 PowerPoint file generation	•	•	•
PDF file conversion from Microsoft Office 2010 Word and PowerPoint	•	•	•
MS Office 2010 Excel support	•	•	•
PDF form processing	•	•	•
PDF document manipulation	•	•	•
Server-side printing	•	•	•
Online presentation generation	•	•	•
PDF file generation from HTML	•	•	•
Structured reporting	•	•	•

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
<b>Mobile development</b>			
Client-side database integration	•	•	
CFML-based mobile app development	•	•	
Device detection	•	•	
Native device APIs	•	•	
On-device debugging	•	•	
Remote inspection	•	•	
Client-side database access	•	•	
Custom tag framework	•	•	
<b>Application development</b>			
Full CFSCRIPT support	•	•	
Command line interface	New		
Member functions	•	•	
QueryExecute and Elvis operator	•	•	
Social login support and social plug-in integration	•	•	
Custom serializer and de-serializer for JSON and XML	•	•	
Multisite RESTful web services	•	•	
Object-relational mapping (ORM)	•	•	•
ORM text search	•	•	•
Advanced caching (ehcache)	•	•	•
Ajax UI component	•	•	•
Ajax framework	•	•	•
Image manipulation	•	•	•
RSS and atom feed creation and consumption	•	•	•
ZIP and JAR archive file manipulation	•	•	•
Database introspection	•	•	•
Custom server-side chart styles	•	•	•
Server-side charting and graphing	•	•	•
ColdFusion components (CFCs)	•	•	•
XML support	•	•	•
XPath support	•	•	•

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
Web services (SOAP)	Enhanced	•	•
Built-in support for REST	•	•	•
File manipulation	•	•	•
.NET assembly support (DLL)	•	•	•
Java, servlet, and EJB connectivity	•	•	•
JDBC and ODBC	•	•	•
FTP and SFTP servers	•	•	•
Virtual file systems (RAM)	•	•	•
Virtual file systems (ZIP, JAR, FTP, SFTP)	•	•	•
Multi-threaded CFML1 (CFTHREAD)	•	•	•
Database client connection management	•	•	•
Support for additional database types	•	•	•
Database exception handling	•	•	•
Failover support for database	•	•	•
Revamped scheduler engine	•	•	•
Grouping of scheduled tasks	•	•	•
Misfire and exception handling of scheduled tasks	•	•	•
Scheduled task priority	•	•	•
Listeners for scheduled tasks	•	•	•
Cluster support for scheduled tasks	•	•	•
Chaining of scheduled tasks	•	•	•
Application-specific scheduled tasks	•	•	•
Support for closures	•	•	•
CFC auto constructor	•	•	•
CFC method chaining	•	•	•
For-in support for queries and lists	•	•	•
Hotfix installer	•	•	•
Instant notification for updates in ColdFusion Administrator	•	•	•
CFScript support	•	•	•
Flex and Adobe AIR lazy loading	•	•	•

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
<b>Advanced protocol support</b>			
Gateway architecture	•	•	•
Data management service	•	•	•
Data services messaging	•	•	•
Enterprise IM gateways (Sametime and XMPP)	•	•	•
Asynchronous CFML gateway	•	•	•
SMS gateway	•	•	•
JMS gateway	•	•	•
TCP/IP socket gateway	•	•	•
Directory watcher gateway	•	•	•
<b>Enterprise infrastructure</b>			
64-bit support	•	•	•
Administrative user and role management	•	•	•
Request limit management	•	•	•
Operating system virtualization support <sup>2</sup>	•	•	•
High-scalability email engine	•	•	•
Web-based multi-instance manager	•	•	•
Web-based cluster manager	•	•	•
JEE package deployment (EAR/WAR)	•	•	•
Multiple server instances	•	•	•
Instance clustering	•	•	•
Enterprise database drivers	•	•	•
ColdFusion archiving and deployment (CAR)	•	•	•

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
HTML5			
Cluster support for HTML5 web sockets	•	•	
Port80 support for HTML5 web sockets	•	•	
SSLv3 support for HTML web sockets	•	•	
HTML5 charts	•	•	•
Built-in HTML5 videoplayer	•	•	•
Fall back from HTML5 to Adobe Flash technology and vice versa	•	•	•
Skinning support for HTML5 videoplayer	•	•	•
Support for events and JavaScript interface for HTML5 videoplayer	•	•	•
Geo-location capability with CFMAP	•	•	•
Support for HTML5 input types	•	•	•
Support for websocket protocol on server	•	•	•
Interface for publish and subscribe using web socket	•	•	○
Custom styles for HTML5 charts	•	•	•

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
Integrated solutions			
Embedded Apache Solr full-text search engine	•	•	•
Support for dynamic custom fields for Solr	•	•	•
Data import handler for Solr	•	•	•
Adobe LiveCycle Data Services ES integration	•	•	•
Eclipse based debugging	•	•	•
Flash remoting	•	•	•
Adobe Dreamweaver and Eclipse extensions	•	•	•
User-defined functions	•	•	•
Microsoft SharePoint web parts	•	•	•
Microsoft SharePoint single sign-on	•	•	•
Java portal integration (JSR-168, JSR-286, WSRP)	•	•	•
Email servers (POP and IMAP)	•	•	•
Support for Microsoft Exchange 2010	•	•	•
Microsoft Exchange server integration	•	•	•
Directory servers (Active Directory and LDAP)	•	•	•
Apache Tomcat integration	•	•	•
Revamped Adobe Flash videoplayer	•	•	•
Bidirectional Java integration	•	•	•
Java classes loaded from custom paths	•	•	•
Java dynamic proxies from CFCs	•	•	•
Ability to invoke CFCs from Java classes	•	•	•
Tight integration with ColdFusion Builder	•	•	•

- Available
- Restricted
- Enhanced Enhanced Features
- Blank Not Available
- New Features

Features included in each edition of Adobe ColdFusion	ColdFusion (2016 Release)	ColdFusion 11	ColdFusion 10
<b>Security</b>			
Windows NT domain authentication	•	•	•
RSA FIPS 140-compliant strong cryptology	•	•	•
Security sandboxing	•	•	•
Built-in functions to protect against XSS and CSRF	•	•	•
Login mechanism	•	•	•
Security code analyzer	New		
Session cookie management	•	•	•
<b>Server manager and monitor</b>			
Desktop-based server manager	•	•	•
Web-based server administration	•	•	•
Administrator API	•	•	•
Compiled application deployment (sourceless)	•	•	•
Server monitoring dashboard	•	•	•
Server monitoring API	•	•	•



Adobe Systems Incorporated  
 345 Park Avenue  
 San Jose, CA 95110-2704  
 USA  
[www.adobe.com](http://www.adobe.com)

Adobe, the Adobe logo, ColdFusion and ColdFusion Builder are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. All other trademarks are the property of their respective owners.

© 2016 Adobe Systems Incorporated. All rights reserved.

xxxxxxxx x/xx