Pentaho 5.4				Pentaho 6.0		
New Features	CE	EE		**New Features**	CE	EE
Visualization				**Visualization**		
New Analyzer APIs				Data Services		
Analyzer External Javascript APIs		Y		Expose any part of transformation as Virtual / Unmaterialized table through JDBC interface	Y	Y
CTools Support for Require.js in CDF/CDE				PDI Lineage		
Restructuring CDF/CDE as AMD based Framework using Require.js	Y	Y		Capture runtime information and consume through MetaIntegration bridge, to visualize.	Y	Y
Official CTools Documentation				ETL Modelling		Y
Administration				**Administration**		
Localization - Pentaho User Console				Import / Export		
French, German & Japanese Language Packs	Y	Y		Automate Full System Backup & Restore		Y
Plug-ins & DI Platform				Analyzer Inline Modelling		Y
DI REST API Documentation				Library Upgrades		
For DI Server		Y		Java 8, Tomcat 8, VFS2, etc	Y	Y
New PDI Look and Feel				Merging BA & DI	Y	Y
Icons Redesigned	Y	Y		Plugins		
PDI Embed and Extend Guide	Y	Y		New PDI Marketplace	Y	Y
SAP HANA for PDI				Rest APIs for User Management		
SAP HANA Database Support Step		Y		Automating Support for User Management	Y	Y
Spark Support				PDI Monitoring		
Spark Submit Job Entry Step	Y	Y		Monitoring Hooks		Y
BA Server Utilities				PDI Improvements		
Call BA Platform Endpoints in Transformations	Y	Y		Fixes to bugs in Previous Releases	Y	Y
Call EndPoint Step	Y	Y		Named Clusters Testing Framework		
Get Session Variables Step	Y	Y		Generic & Plugabble Test Framework	Y	Y
Set Session Variables Step	Y	Y		OSGI Support	Y	Y
Named Hadoop Cluster Configuration Improvements						
Sqoop Import	Y	Y				
Sqoop Export	Y	Y				
Hadoop File Import	Y	Y				
Hadoop File Export	Y	Y				

Hadoop Copy Files	Y	Y
Amazon WS EMR Shim Support	Y	Y
YARN Improvements		
Start a YARN Kettle Cluster	Y	Y
Copy Files to YARN Cluster	Y	Y
SDR / Modelling Improvements		
Streamlined Data Refinery		Y
Shared Dimensions		Y
Create Link Dimensions		Y
PDI API Improvements		
Scheduling APIs		
Scheduling	Y	Y
Server Authentication before Service Calls	Y	Y
New Carte APIs - POST Calls		
POST Methods Support	Y	Y
Minor Functionality Changes		
Google Analytics Step Changes		
OAuth 2.0 Support	Y	Y
"Google Analytics Input" changed to "Google Analytics" Step	Y	Y
Text File Output Step		
Split every…rows field now match your number while export	Y	Y

Pentaho 6.0		
New Features	**CE**	**EE**
Visualization		
Data Services		
Expose any part of transformation as Virtual / Unmaterialized table through JDBC interface	Y	Y
PDI Lineage		
Capture runtime information and consume through MetaIntegration bridge, to visualize.	Y	Y
ETL Modelling		Y
Administration		
Import / Export		
Automate Full System Backup & Restore		Y
Analyzer Inline Modelling		Y
Library Upgrades		
Java 8, Tomcat 8, VFS2, etc	Y	Y
Merging BA & DI	Y	Y
Plug-in		
New PDI Marketplace	Y	Y
Rest APIs for User Management		
Automating Support for User Management	Y	Y
PDI Monitoring		
Monitoring Hooks		Y
PDI Improvements		
Fixes to bugs in Previous Releases	Y	Y
Named Clusters Testing Framework		
Generic & Pluggable Test Framework	Y	Y
OSGI Support	Y	Y

Pentaho 6.1		
New Features	**CE**	**EE**
Visualization		
Auto Modeling		Y
Analyzer Enhancements		Y
Dashboard Enhancements		Y
Administration		
Pentaho User Console Update	Y	Y
Home Page	Y	Y
Scheduling System	Y	Y
Audit Reporting		Y
Administration Console	Y	Y
Centralized Connection Management	Y	Y
Web-based ETL Parameter Support Auto		Y
Publishing		Y
Migration Tool	Y	Y
Packaged Installation Files and Support		Y
Load Balancing		Y
Data Federation – JDBC Data Services		Y
Marketplace – POI	Y	Y
POI Enhancement – Other	Y	Y
Plug-in		
Rest API	Y	Y
PUC plug-in layer	Y	Y
Kerberos Support for Hadoop		Y
Hadoop High Availability Support		Y

InstaView Templates		Y
R API plugin	Y	Y
R Script Executor		Y
Weka Forecasting Plugin		Y
Weka Machine Learning Plugin		Y
Native YARN Integration		Y
Analyzer Native Integration with Mongo DB		Y
Mongo DB Reporting	Y	Y
Docs PRO Improvements	Y	Y
Job Restartability – PDI		Y
Transaction Control – PDI		Y
New BO Integrations	Y	Y
New Hadoop Certs	Y	Y
MongoDB EOU – POI	Y	Y
Cassandra Enhancements	Y	Y
Python Native Integration	Y	Y
Security		
Action Based Security	Y	Y
Connection Security – PDI		Y