

IBM Cognos TM1 – What's new and how can it improve your productivity?

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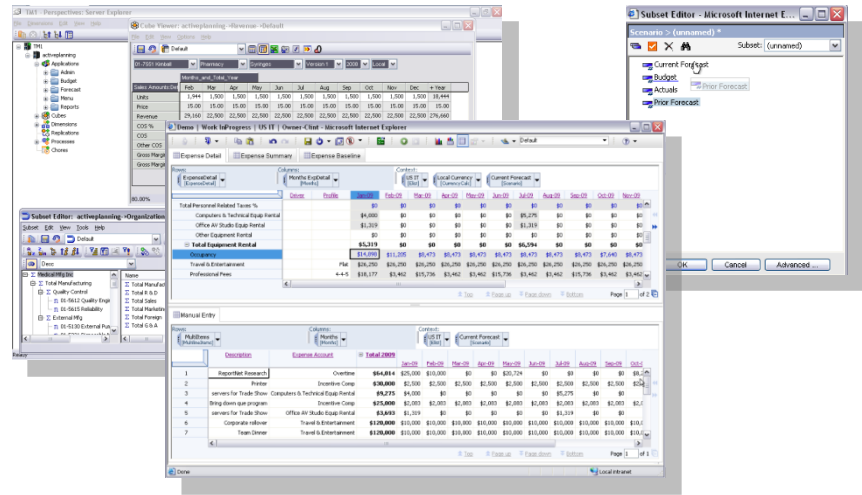
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Performance is based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput or performance that any user will experience will vary depending upon many factors, including considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve results similar to those stated here.

IBM Cognos TM1 Server

- ➔ A patented 64-bit read-write in-memory planning and analytic engine
- ➔ Multi-dimensional and multi-cube design w/Business Rules
- ➔ Sophisticated scenario analytics for time series, allocation and profitability modeling
- ➔ On-demand analytics – Real-time reaction to changes
- ➔ Extensible API/IDE Support
- ➔ Multiple Platform Support

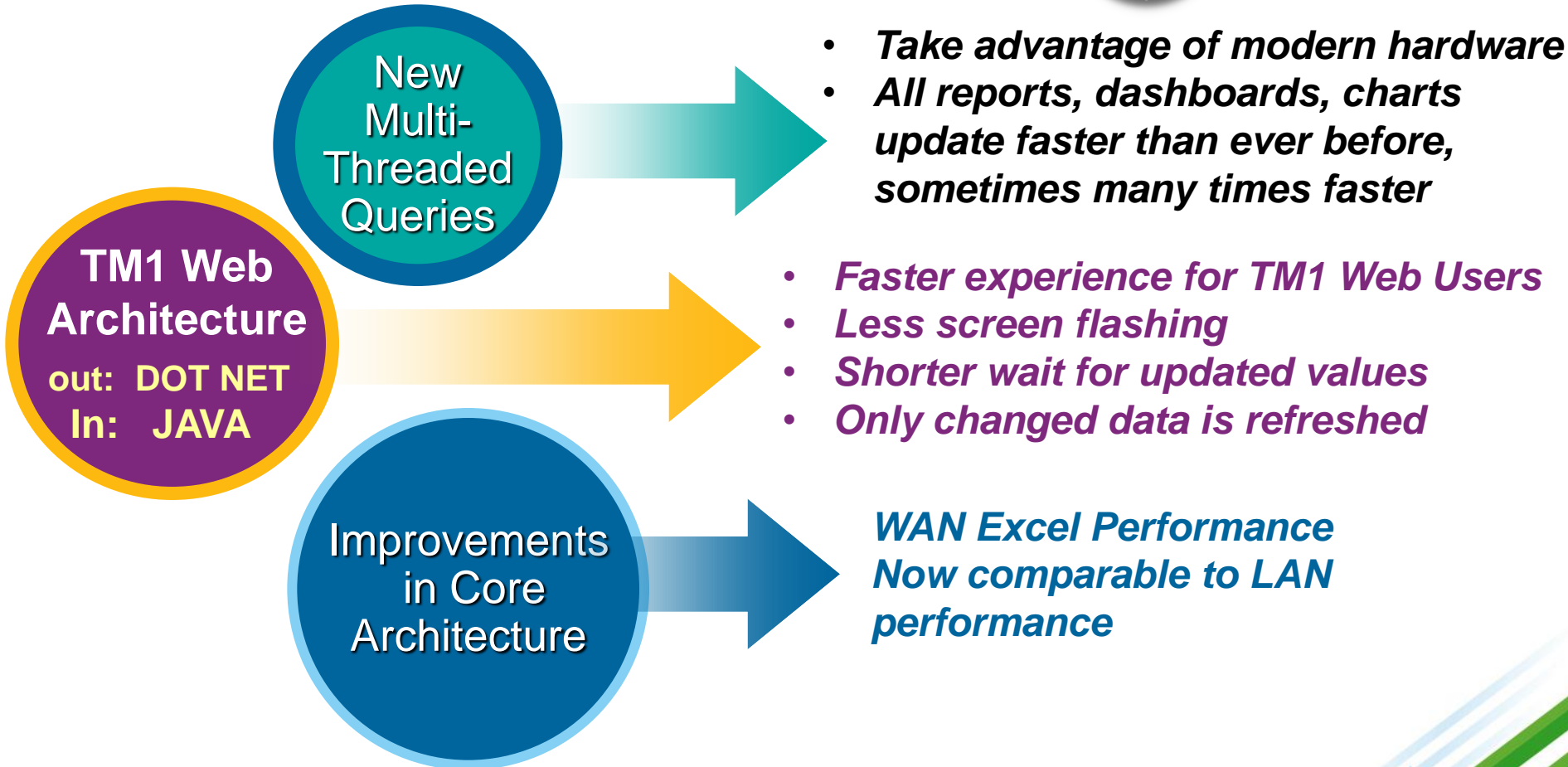


- High Data and User Scalability
- Flexible, Model-Based Approach
- Supports Best Practices
- Fusion of Analysis & Planning
- Managed by the business user

Driving Performance Optimization

IMPROVED - Cognos TM1 10.2 performance gains

New In TM1 10.2!



TM1 Performance Modeler



Updated In TM1 10.2!



- Cube Calculations
- Cube Links
- Flowcharting
- Rules Optimization Analysis
- Model documentation
- Drill from a links
- Pick list support
- ETL processes on workflow actions
- Separate Contributor / Reviewer views
- Access settings improvement
- Automation
- New Calculation functions
- Guided Data Import improvement
- Migration Utilities
- And more...

The screenshot displays the TM1 Performance Modeler interface. At the top, a window titled '*Data Flow - GO_New_Stores' shows a flowchart with nodes: 'Base Sales Forecast', 'Store Cost', 'Exchange Rates Currency Info Product', 'Promotions Plan', 'New Store Plan', and 'Gross Margin Calculation'. Below the flowchart is a 'Properties' pane for 'Cube Calculation for Revenue Calc: Freight Cost for Budget'. It includes a 'Define a new expression for:' section with dropdowns for 'Freight Cost' and 'Revenue Calc', and 'Budget Versions'. Below this is a tree view of the model structure with nodes like 'Quarters', 'Region', 'Revenue Calc', 'Attributes', 'Units', 'Price', 'Revenue', and 'Freight Cost'. To the right, a 'Metrics' panel lists various metrics and dimensions. At the bottom, an 'Expression' editor shows a formula: `IF Products.PrductType = "Big" THEN [Revenue Calc]:Revenue * 0.5 ELSE [Revenue Calc]:Revenue * 0.1`. A 'Power editing support:' section is also visible.

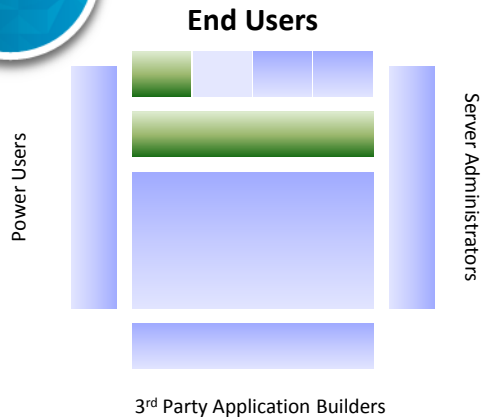
*Powerful visual modeling environment
for the Business Analyst and Power User*

IBM Cognos Insight & Distributed Planning



New

Updated in TM1 10.2!



- *Enable High Participation Planning*
- *Drive Pervasive Planning and Analysis*
- *Seed new Planning & Analysis opportunities*

Distributed – Localized planning engine, with disconnected offline support

Workflow/Sharing – Hands-off Publish for rapid application deployment

Layout – Snap to grid and Charting

Input – Contributor-only views, reviewer views, Data spreading and shortcut keys

Navigation & Analysis – Rich visualizations, navigation down, to, and through data.

Extend – Load data from external sources to a contributor application, engaging attribute filtering & display

IBM Smarter Business 2013



System Administrators – TM1 Operations Console



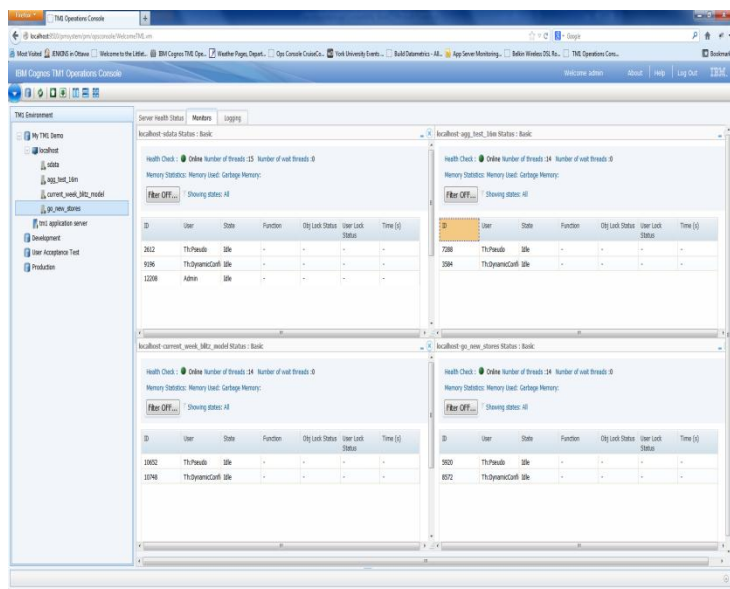
New

Updates in 10.2!



An extensible architecture providing a common set of IT admin features and services.

- Multi user / Multi Server Monitoring
- Basic and enhanced monitoring of TM1 activity
- Kill threads in TM1 (requires admin access)
- Monitors Application Servers as well as TM1 Server (via JMX).
- Alerting - Send “notifications” when configurable events take place.
- “Watch Dog” – Automatically cancel threads based on rules.
- Public / Private configuration
- UI layout persistence
- View TI / Chores execution cube
- Enhanced Monitoring Context - The ability to see a client identifier



IBM Cognos Analysis for Microsoft Excel

Extending Microsoft Excel-based User Experience



New

In TM1 10.2!

The screenshot displays the IBM Cognos Analysis for Microsoft Excel interface. The main window shows a data table with columns for measures and time periods (Oct-2004, Nov-2004, Dec-2004, Q4-2004). The table data is as follows:

Measure	Oct-2004	Nov-2004	Dec-2004	Q4-2004
41101	1,000	1,100	1,100	1,000
42201	1,000	1,500	1,500	1,500
Revenue	2,000	3,000	3,000	3,000
COS	556	556	556	556
Operating Expense	0	0	0	0
Net Operating Income	1,444	2,444	2,444	2,444

An 'Edit Subset' dialog box is open, showing a tree view of available members and a list of selected members. The selected members include 41101, 42201, Revenue, COS, Operating Expense, and Net Operating Income.

The navigation tree on the right shows the hierarchy of the analysis, including Subsets, plan_exchange_rates, plan_source, plan_time, and Views.

- Exploration & Query
- TM1 write-back support
- TM1 cube models – views, sets, attributes
- BI Framework models – dimensions, measures, query filters
- All Planning and BI data sources in single workbook & user experience

Advancing User Experience & Capabilities with Excel

TM1 Mobile Contributor



In TM1 10.2!

Carrier 1:19 PM 100%

Connect to your IBM Cognos host

Host

PM System Port

Planning Service Port

Carrier 1:20 PM 100%

Approval - Budget App Budget Input Detailed

Layout Chart Type Commit

plan_chart_of_accounts	plan_time	plan_business_unit	plan_version	plan_department	
	Q1-2004	Jan-2004	Feb-2004	Mar-2004	Q2-2004
0 - 41101	1,744,445	300,000	1,000,001	444,444	943,378
1 - 42201	1,445,555	555,555	490,000	500,000	883,101
2 - Revenue	3,190,000	855,555	1,490,001	844,444	1,826,479
3 - 41101	1,744,445	450,000	1,000,001	500,000	943,378
4 - 42201	1,445,555	555,555	500,000	400,000	883,101
5 - 51001	154,925	37,737	52,376	64,813	665,894

Carrier 1:20 PM 100%

Applications Approval - Budget App

Total Business Unit

- Europe
- North America
- PacRim
- ROW

Budget Input Detailed

Detailed Cost Of Sales Analysis

Detailed Revenue Analysis

Goal By Detailed Chart Of Account

Owner: None

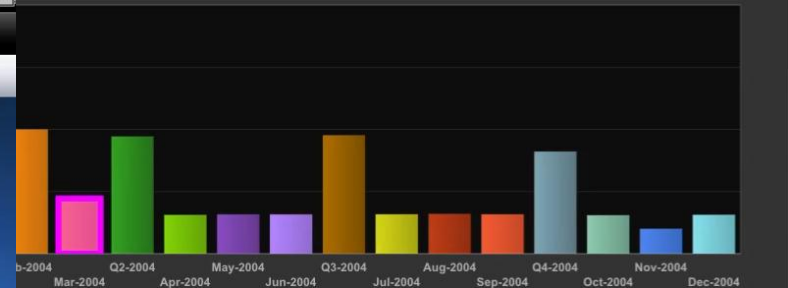
Reviewers: None

Permissions:

Last Data Commit: None

Last Changed By: None

Properties Commentary



- Mobile Review and Approval
 - Track status
 - Review, Annotate, Submit
- Mobile Contribution
 - Interactive Visualization

IBM Cognos TM1 Scorecarding



Extending Modeling Experience for Scorecarding & Strategy



In TM1 10.2!

- Advanced performance management (including scorecard, metrics) application design
- Blended planning, profitability, and scorecarding
- Same interactive, multi-cube architecture

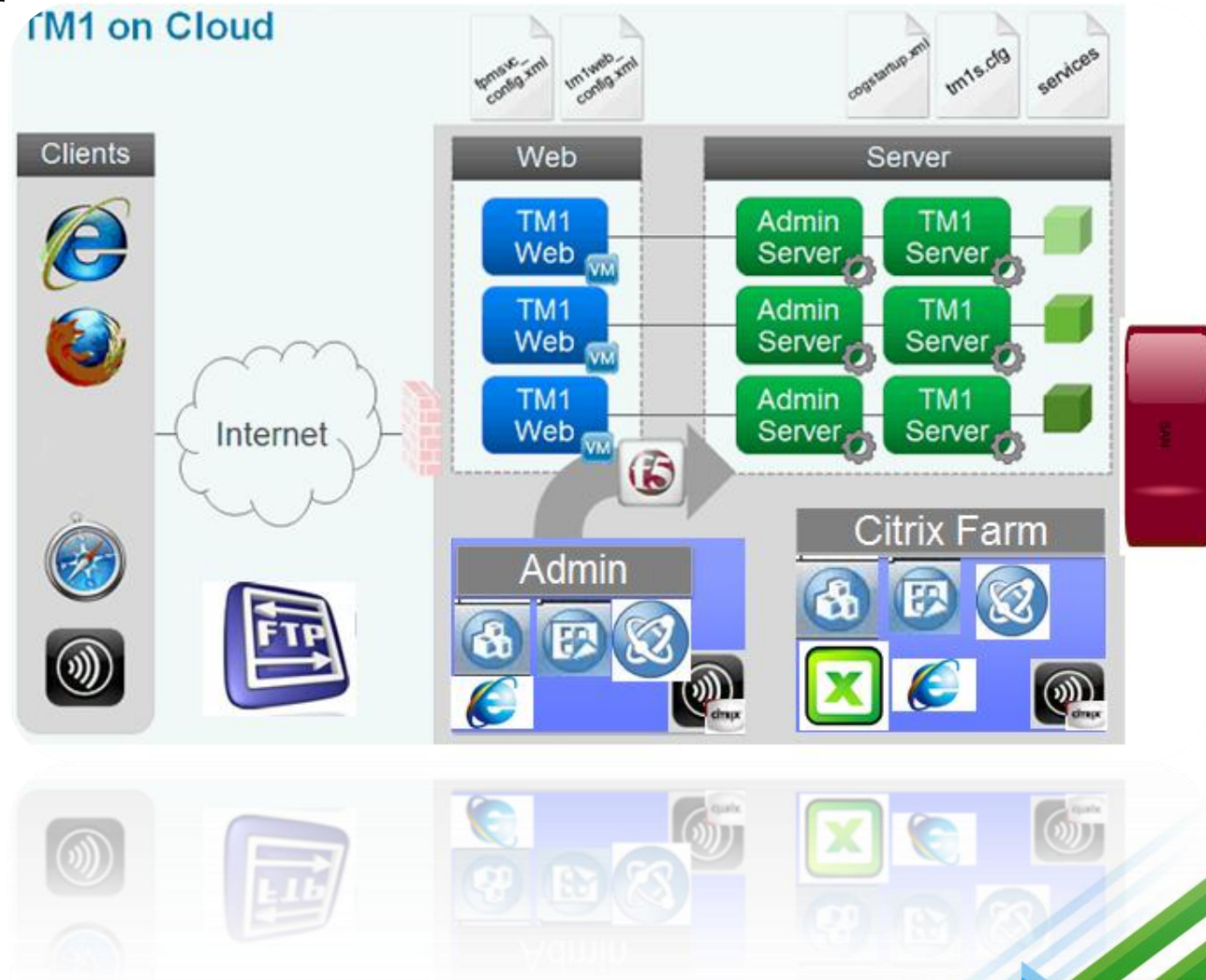


Powerful, common modeling experience; High performance analytic architecture

TM1 on Cloud

- ✓ TM1 Server on Softlayer hosting services
- ✓ Client Provisioning for Rich Web clients
- ✓ Remote Desktop hosting
- ✓ Data moves between cloud and on-premise via Secure FTP.

With TM1 10.2!



PM Hub – Cloud-ready API and Services Framework

PM Hub is built to provide fundamental architectural capabilities:

Integration: a single end-point for all PM product services. From a base URI, all PM products installed and running through standard internet protocols in the customers' environment can be discovered and accessed.

Modularity: small, autonomous components interacting through well-defined API, thus allowing any of the components to be updated without affecting the others.

Life Cycle: individual components may be loaded, started, bound, stopped and unloaded independently via REST Administration API.

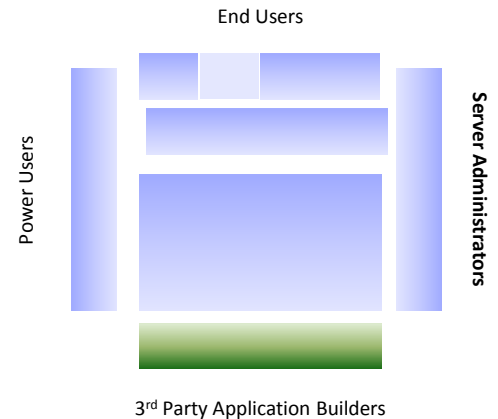
Service: a modular **OSGi** component providing features via one or more published APIs to which other services may bind.

API Management: plug-in interfaces to Applications, Services and Data Sources are governed strictly to ensure compatibility across builds

Principles: Follows Cloud-centric & Mobile First Design Principles



In TM1 10.2!



Thank you

