

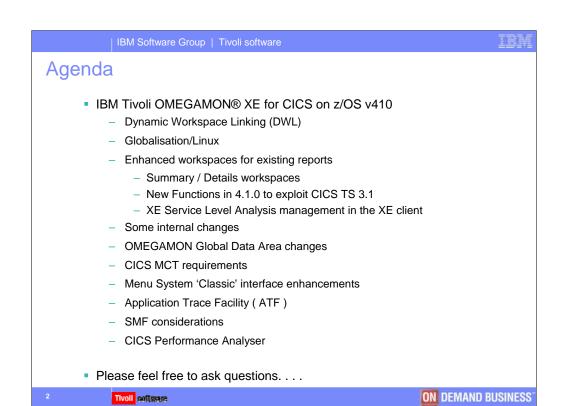
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IBM Tivoli OMEGAMON® XE for CICS on z/OS v4.1.0

Customer Presentation, December 13th

Richard Burford, OMEGAMON XE for CICS on z/OS Development





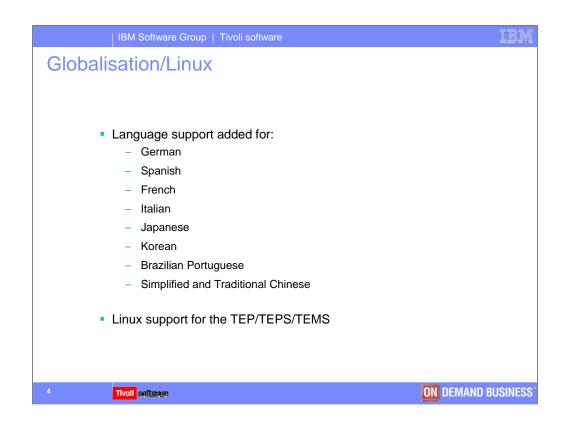
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Dynamic Workspace Linking (DWL)

- Links from OMEGAMON XE for CICS will include:
 - DB2 Summary -> (DB2) DB2 CICS Connections
 - DBCTL Summary -> (IMS) IMS Address spaces
 - Logstream Analysis -> (z/OS) Coupling Facility Structures Data for Sysplex
 - Temporary Storage Queues -> (z/OS) Coupling Facility Structures Data for Sysplex
 - TCPIP Statistics -> (MFN) Application TCP Listeners
 - Message Queuing Analysis -> (MQ Series) Tran/PGM Statistics by Applid
 - Transaction Analysis -> (DB2) Detailed thread activity (Active)
 - Transaction Analysis -> (IMS) DBCTL Summary Detailed thread detail for CICS (Active)
- Plus links to other OMEGAMON XE for CICS on z/OS reports

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Enhancements to existing reports

- New situations
 - Situations added for the new reports added in OMEGAMON XE for CICS on z/OS v4.1.0
- New/Merged workspaces
 - Improve usability
 - Merges individual workspaces that had been created in the 3.1.0 release into more useful views.
 - Reduce the size of the list of reports in the navigation tree
 - Present related data where appropriate in a single workspace to speed problem determination and resolution.

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Enhanced workspaces

- Dispatcher
 - Merged Dispatcher Summary, Dispatcher TCB Pools and Dispatcher Modes into a single workspace.
- Dump Analysis
 - Merged Dump Analysis and Dump Details into a single workspace.
- JVM
 - JVM Analysis, JVM Classcache Details, JVMPool Statistics and JVM Profile Analysis merged into a single workspace
 - New link added from JVM Analysis to the new Single Transaction Workspace
- MVS TCBs
 - MVS TCB Summary and MVS TCB details merged into a single workspace.
- Storage
 - Pagepool summary and Pagepool details merged into a single workspace
- TCP/IP
 - TCPIP Statistics and TCPIP Service Statistics merged into a single workspace.
- Transient Data
 - Added new attributes

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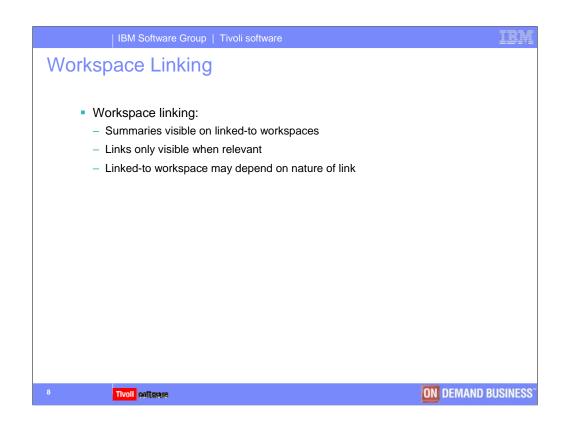
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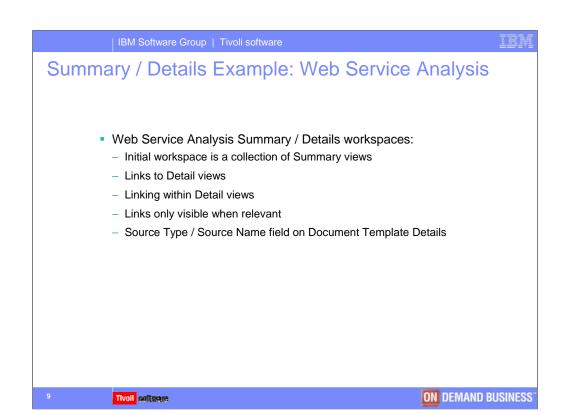


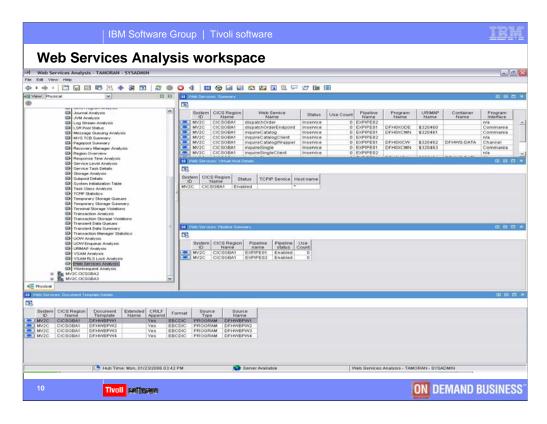
Summary / Details Reports

- Summary / Details layout
 - Summary report shows data for all resources of that type
 - Summary reports showing the same data, without the longer fields
 - Summaries appear in the visible workspaces
 - Details can be reached as link targets from the summary
 - Summaries can be used to link from one detailed view to another
 - Link to the detail report uses a filter to typically only return data for a single resource
- This is in keeping with the presentation model used in other OMEGAMON products

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The color table:

- •Oval color is this week's status. Background last weeks.
- •Blank out those categories not applicable or not providing status. Do not delete them from slide. Stop light is overall project status color.

Project Milestone Summary:

- Original dates are first plan of record.
- •External GA date is the date we commit in the Plan DCP and in Clearinghouse.
- •Actual dates are actual outlooks for completion. These will hopefully be somewhere equal to or contained between the internal and external dates. These dates are also shown in Clearinghouse.

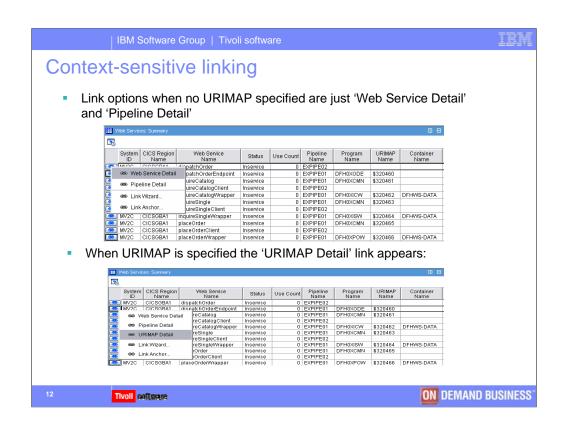
Dates in black are dates which have been reviewed in the OPS meeting. External and Actual dates should match between your project and Clearinghouse.

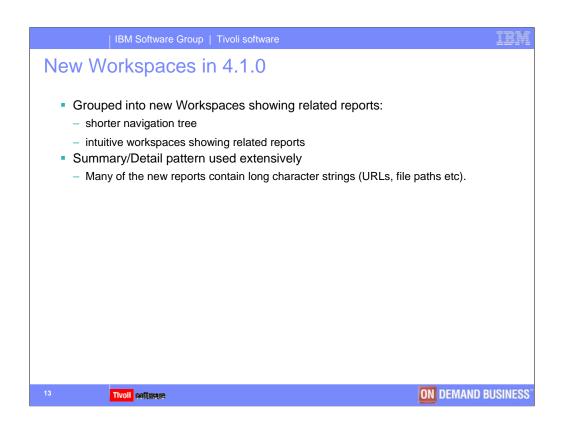
Dates in blue are dates which need to change in Clearinghouse. Once they have been reviewed in the OPS review they can then be updated in Clearinghouse.

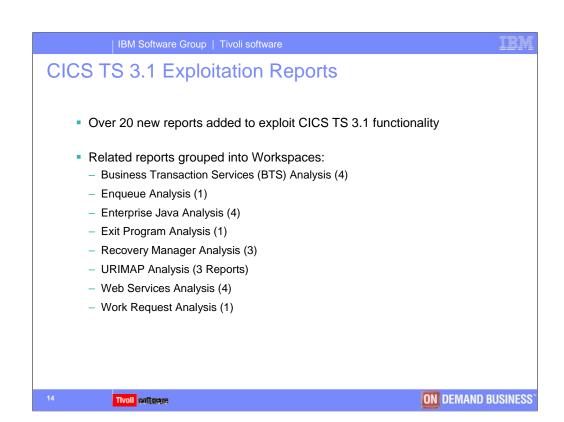
Row entries: These are the key dates for the "Define the Product", "Plan the Stages" and "Design the UI & System" steps. The also include tractable activities that begin in these phases and complete later in the project. The key point of conclusion here is the Plan DCP, which is triggered by a completed RCS, and a Stage Delivery Project Plan.

- Design end = SDD1(s) for the stage are Approved
- •CUT end = Code is inspected, unit tested, and delivered in a build
- •Test Phase start = entry criteria as defined by the relevant Test plan are met and recorded, with any exceptions approved. This does NOT refer to the prep phase this is the execution phase.
- •Test Phase end = Exit criteria as defined by the relevant Test Plan are met and recorded, with any exceptions approved.
- •PII this is a milestone (start and end date are the same) representing when the files are turned over to the GPM
- •Beta start date represents when beta code is shipped to customers. End date is GA+30 days
- •Availability DCP is aligned with the IPMT calendar and must precede the Release to Marketing in the RFA cycle
- •RFA must occur on a Tuesday and must precede GA or eGA

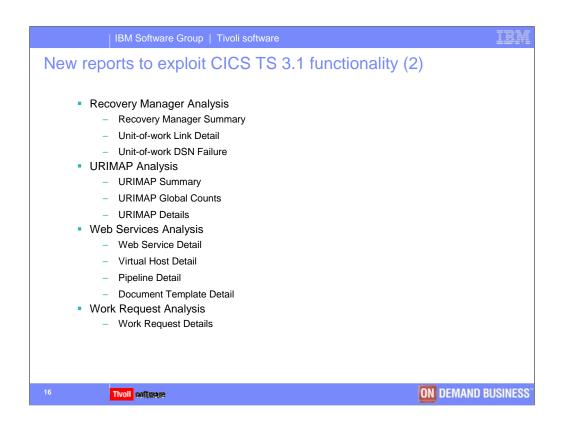


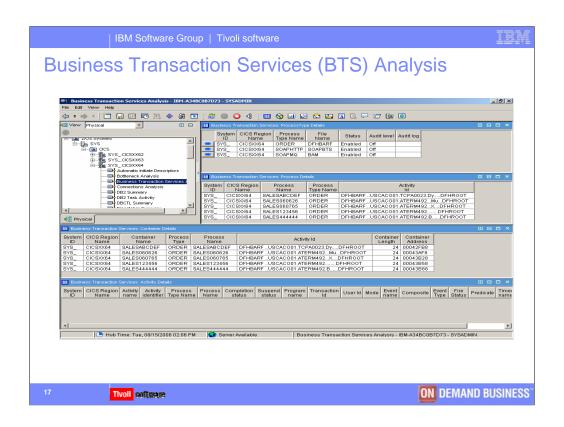


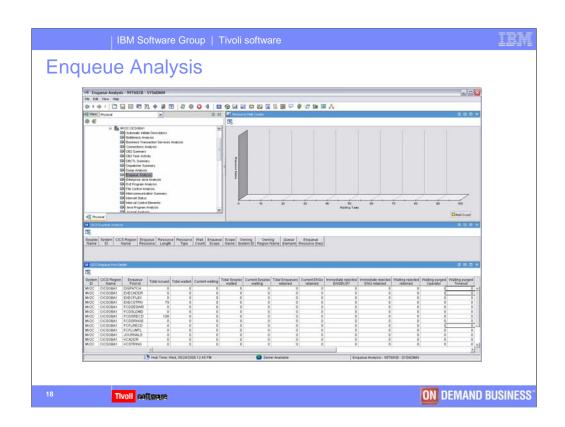


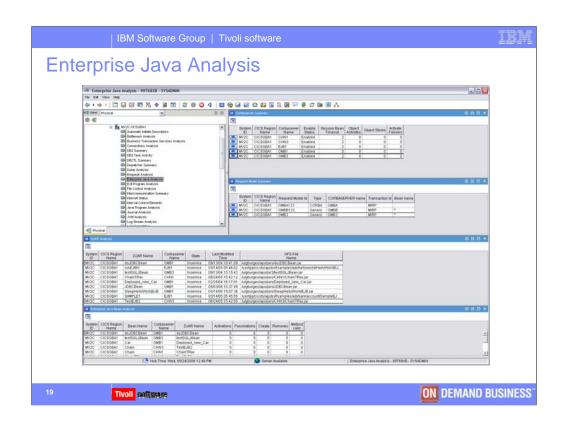


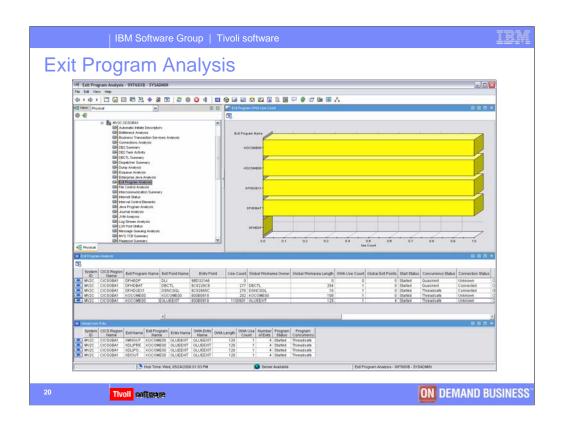


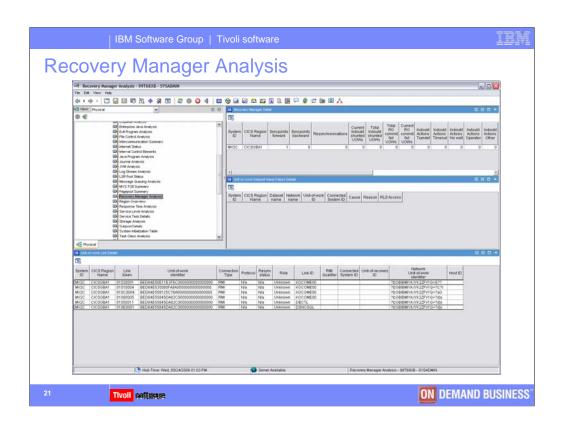


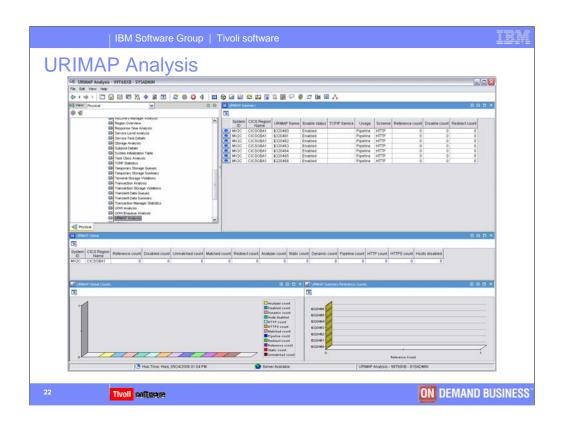


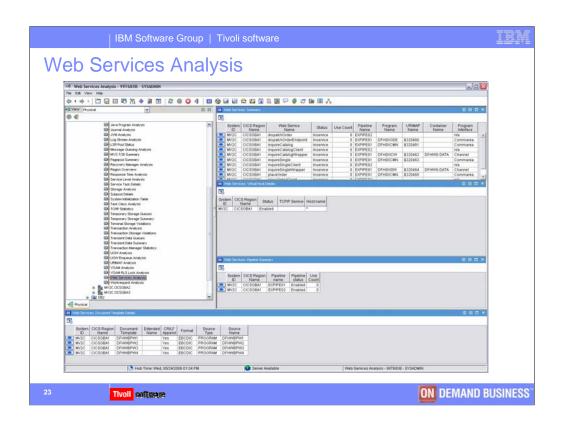


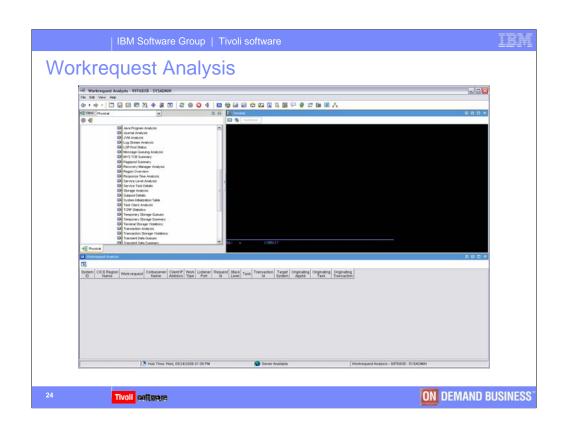


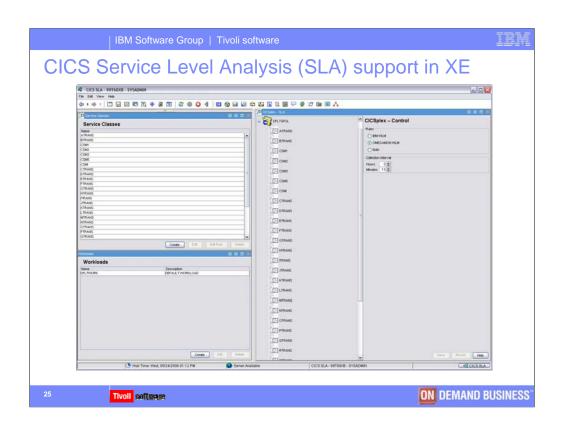


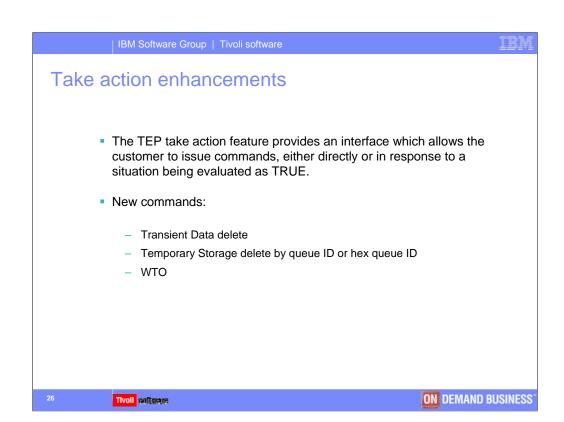


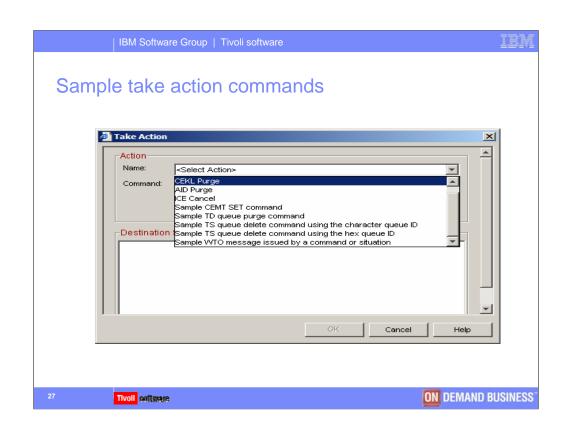


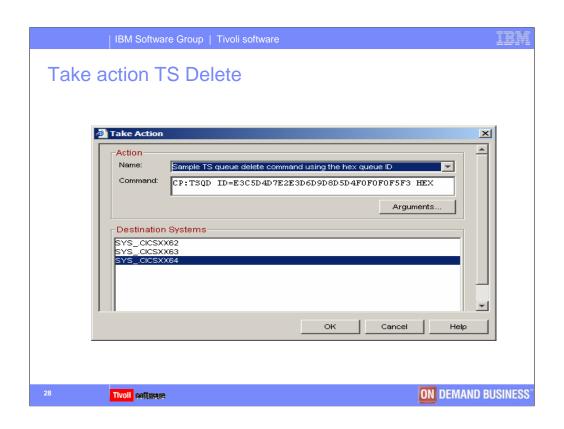


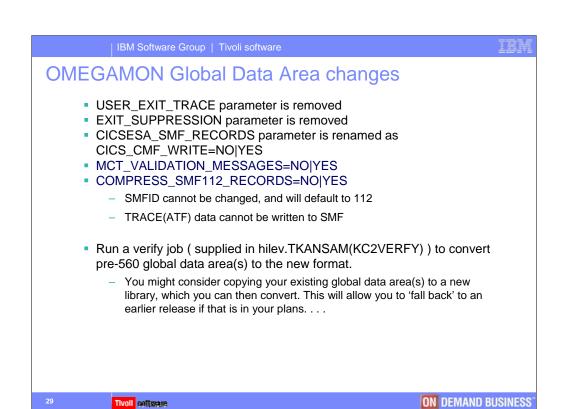


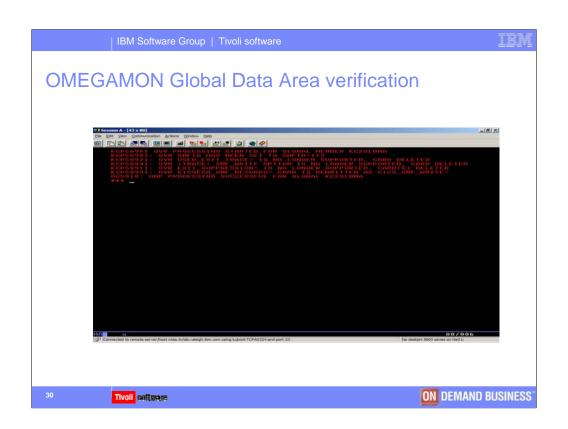


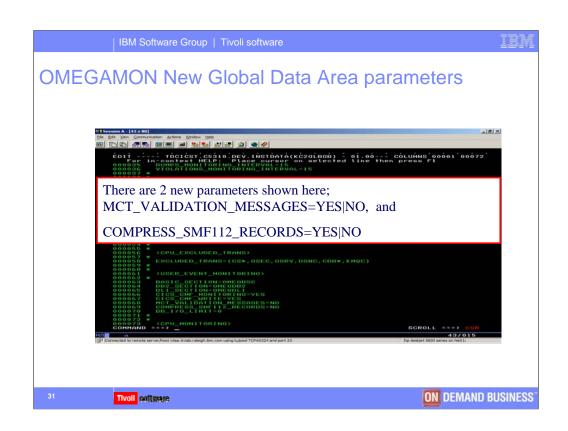












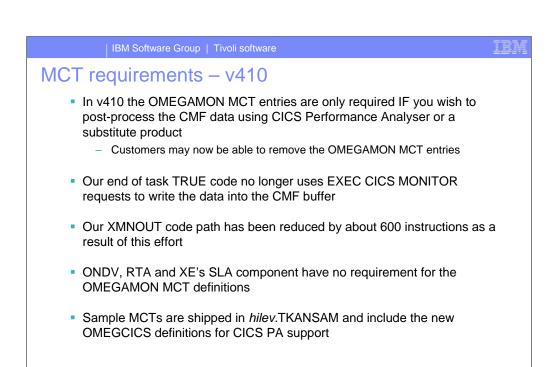


MCT requirements – pre v410

- In previous releases OMEGAMON CICS required that you add MCT definitions which allow OMEGAMON data to be written to CMF.
- Sample OMEGAMON sections for OMEGBSC, OMEGDB2, OMEGDLI, CANMQ, CANUE1 and CANWLMSC are provided in hilev.TKANSAM
- At the end of task a series of EXEC CICS MONITOR requests take the OMEGAMON data, and write it into the CMF buffer. In our XMNOUT code the OMEGAMON data is extracted and written out to those subtasks that require that data. In this way OMEGAMON is able to send data to:
 - ONDV (near term history), RTA (Response Time Analysis) and SLA (Service Level Analysis)

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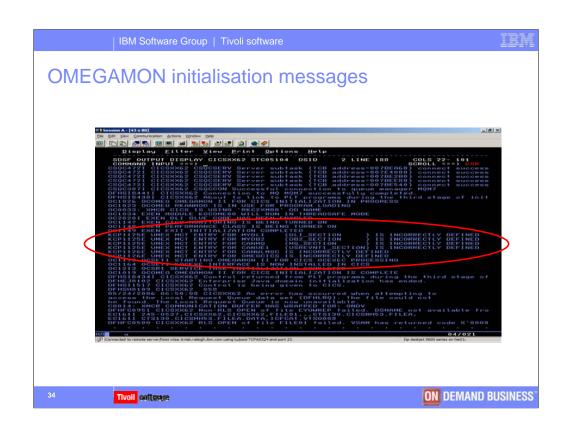
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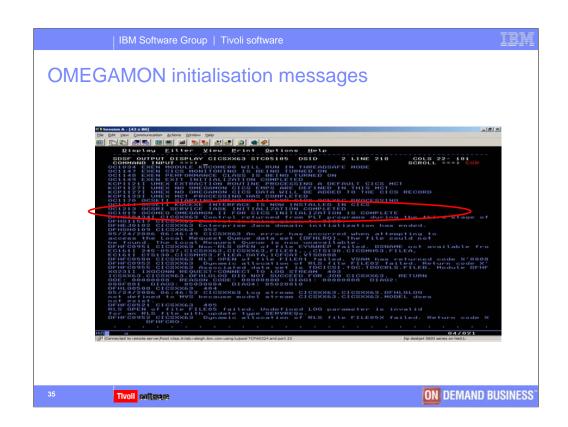


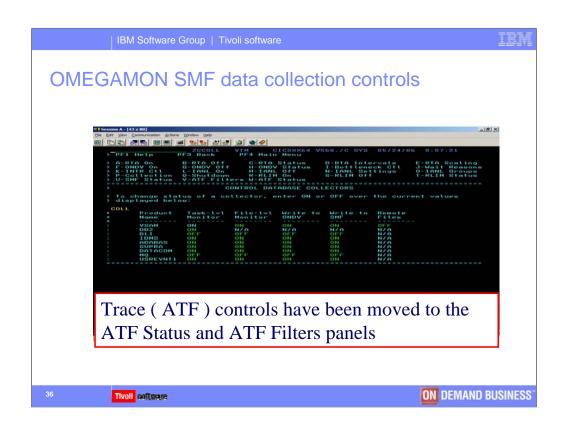
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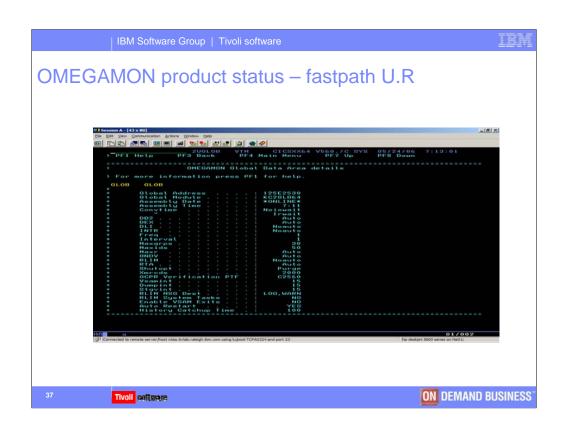
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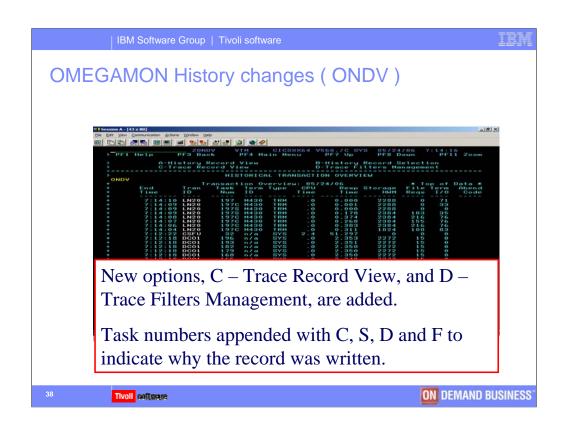
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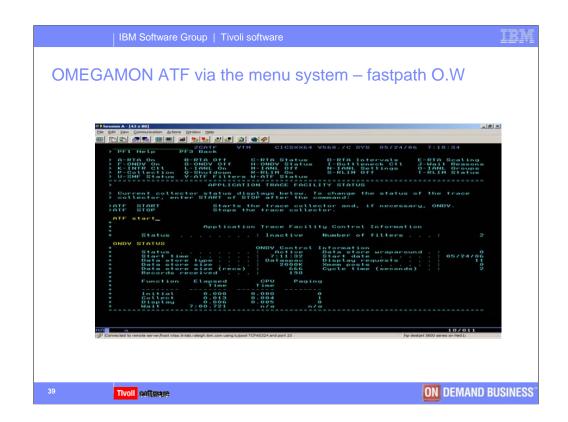


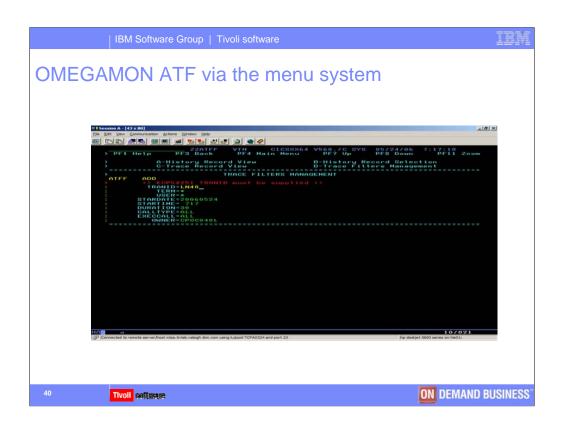


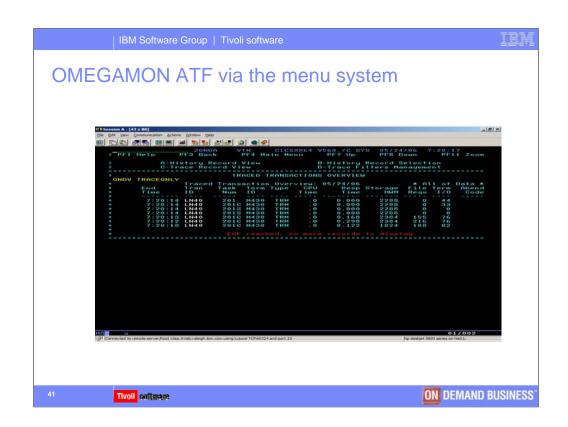


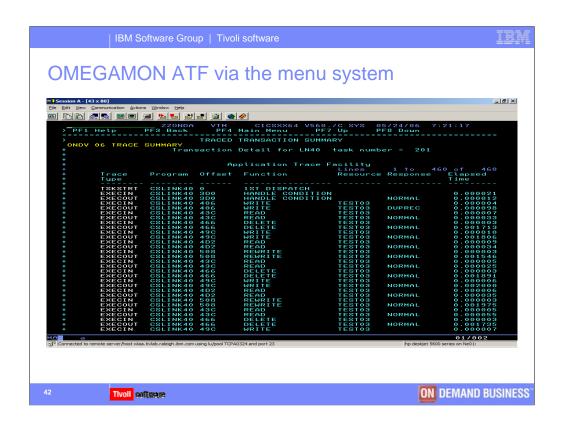


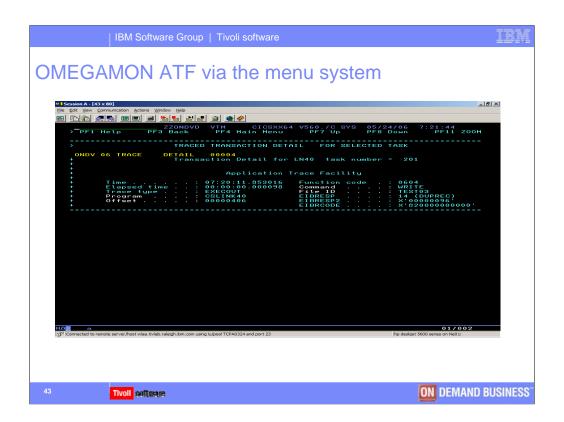


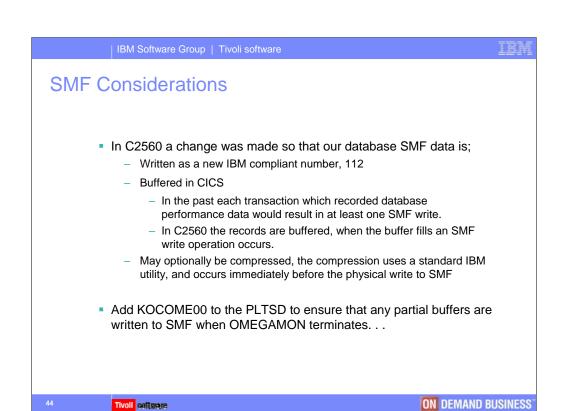


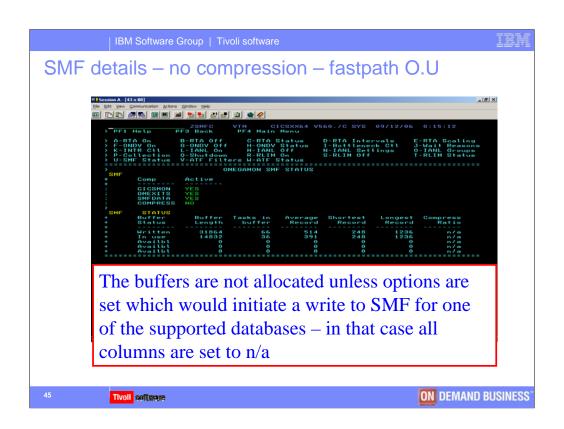


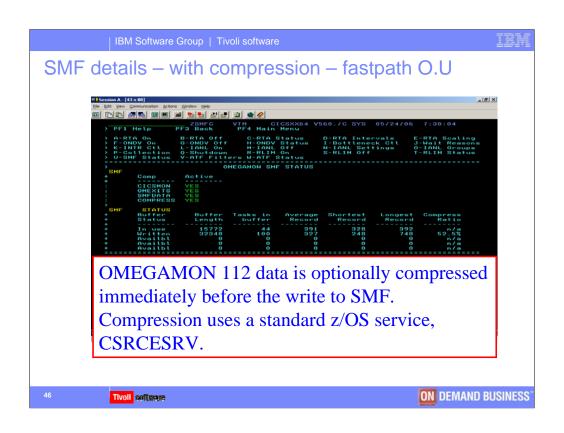


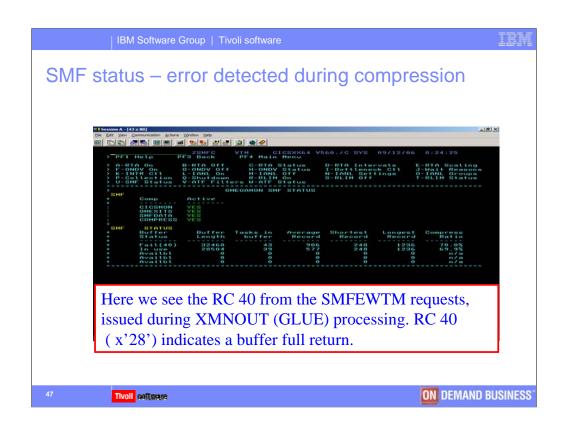


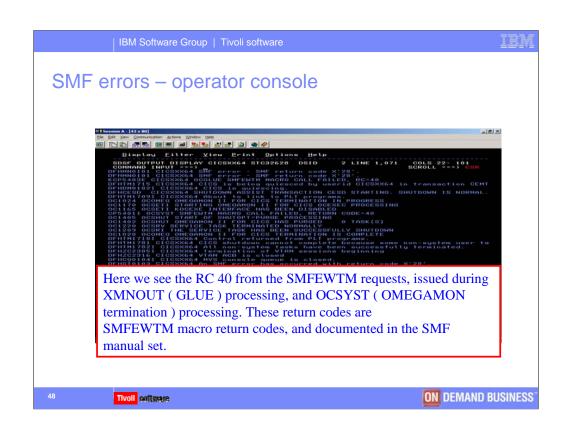














- Support for the new OMEGCICS EMP is implemented via CICS PA service, and includes support for Adabas, Datacom, IDMS and Supra call counts and timings, and details of those transactions which have been abended by OMEGAMON's resource limiting feature (RLIM).
- From the announcement letter;
- New enhancements to CICS PA V1.4 will be added through the service channel.
- For example, support for OMEGAMON CMF performance (SMF110) MCT User fields (PTF for APAR PK30209) will be implemented.

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