



EPV for zLinux List of Views



Supporting
EPV for zLinux V15

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About this manual

This manual provides the complete list of the views available in EPV for zLINUX V15.

Changes

Technical changes or additions to the text are indicated by a vertical line to the left of the change.

Terminology

A “view” is an EPV report presented in an HTML page.

Renamed views

To optimize the space used by page menus the SYSTEM MEMORY BY VMACHINE view now includes the SYSTEM WSS MEMORY BY VMACHINE, SYSTEM RESIDENT MEMORY BY VMACHINE and SYSTEM LOCKED MEMORY BY VMACHINE views.



1 Introduction

Version 15 of the EPV for zLINUX product provides a big amount of useful information presented in more than 100 HTML reports (views), aggregated by product component and detail level.

Detailed views include:

- Exceptions;
- Configuration;
- Workloads;
- Resources.

These views allow the user to analyze in full detail, systems, resources and workloads on a specific day, to identify anomalies, performance degradation, excessive resource consumptions and plan what tuning actions are needed.

Daily trend views include:

- Systems Daily Trends;
- Resources Daily Trends;
- Workloads Daily Trends.

The main goal of these views is to allow a comparison between different days to identify, performance, and resource consumption variations both at system and workload level.

Weekly trend views include:

- Systems Weekly Trends;
- Resources Weekly Trends;
- Workloads Weekly Trends.

The goal of these views is both to allow a comparison between different weeks to identify, performance and resource consumption variations and to help in performing Capacity Planning activities.

Monthly trend views include:

- Systems Monthly Trends;
- Resources Monthly Trends;
- Workloads Monthly Trends.

These views are essentially designed to help in performing Capacity Planning activities.

Technical changes or new views are indicated by a vertical line to the left of the view name.



2 List of Views

COMPONENT	VIEW	NAME	DETAIL
EXCEPTIONS	ALL EXCEPTIONS	LALERTS	DAY
EXCEPTIONS	EXCEPTIONS DETAIL	LALERTD	DAY
EXCEPTIONS	SYSTEM EXCEPTIONS	LASYALR	DAY
EXCEPTIONS	SYSTEM EXCEPTIONS DETAIL	LASYALD	DAY
EXCEPTIONS	GLOBAL EXCEPTIONS	LAGBALR	DAY
EXCEPTIONS	AREA EXCEPTIONS DETAIL	LAGBALD	DAY
EXCEPTIONS	GROUP EXCEPTIONS	LAGPALR	DAY
EXCEPTIONS	GROUP EXCEPTIONS DETAIL	LAGPALD	DAY
EXCEPTIONS	GROUP DEFINITIONS	LAGROUP	DAY
CONFIGURATION	CECS	LCEC	SNAPSHOT
CONFIGURATION	SYSTEMS	LCSYST	SNAPSHOT
CONFIGURATION	LPARS	LCSYSOV	SNAPSHOT
CONFIGURATION	CPU	LCCPUOV	SNAPSHOT
CONFIGURATION	MEMORY	LCMEMOV	SNAPSHOT
CONFIGURATION	PAGE/SPOOL DEVICES	LCPAGOV	SNAPSHOT
CONFIGURATION	CHANNELS	LCCHAOV	SNAPSHOT
CONFIGURATION	VMACHINES	LCUSROV	SNAPSHOT
CONFIGURATION	SYSTEM CHANGES	LCSYSCHG	HOURL
CONFIGURATION	CHANGES	LCCHG	HOURL
RESOURCES	CPU UTILIZATION	LRSYSCPU	HOURL
RESOURCES	CPU UTILIZATION DETAIL	LRCECDET	MONINT
RESOURCES	CPU MF INDEXES	LRSYSMFI	HOURL
RESOURCES	MEMORY UTILIZATION	LRSYSTEMEM	HOURL
RESOURCES	PAGE IN RATE	LRPAGIN	HOURL
RESOURCES	PAGE/SPOOL UTILIZATION	LRPAGE	HOURL
RESOURCES	% PAGE/SPOOL SLOTS	LRPAGPSL	HOURL
RESOURCES	AVG PAGE/SPOOL SLOTS	LRPAGASL	HOURL
RESOURCES	PAGE/SPOOL IORATE	LRPAGACT	HOURL
RESOURCES	CHANNEL PROCESSOR UTILIZATION	LRCHAN	HOURL
RESOURCES	CHANNEL TYPE PROCESSOR UTILIZATION	LRCHANDET	HOURL
RESOURCES	CHANNEL TYPE SYSTEM UTILIZATION	LRCHANDES	HOURL
RESOURCES	CHANNEL BUS UTILIZATION	LRCHANB	HOURL
RESOURCES	CHANNEL TYPE BUS UTILIZATION	LRCHABDET	HOURL
RESOURCES	CHANNEL TYPE BUS THROUGHPUT	LRCHABIOT	HOURL
RESOURCES	CHANNEL TYPE BUS SYSTEM THROUGHPUT	LRCHABIOS	HOURL
RESOURCES	SYSTEM DISK IORATE	LRSYIO	HOURL
RESOURCES	DISK SYSTEM TOP IORATE	LRDSKSIO	HOURL
RESOURCES	SYSTEM DISK RESPONSE TIME	LRSYRSP	HOURL
RESOURCES	DISK SYSTEM TOP RESPONSE TIME	LRDSKSRT	HOURL
RESOURCES	zvmid RESOURCE DETAIL	LRSYSDET	MONINT
WORKLOADS	FUNCTION CPU UTILIZATION	LWFUNWKL	HOURL
WORKLOADS	FUNCTION/SYSTEM CPU UTILIZATION	LWFUSWKL	HOURL
WORKLOADS	SYSTEM LOAD	LWSYSLOA	HOURL
WORKLOADS	SYSTEM LOAD DETAIL	LWSYDLOA	MONINT
WORKLOADS	SYSTEM CPU UTILIZATION	LWSYSCPS	HOURL
WORKLOADS	SYSTEM CPU UTILIZATION DETAIL	LWSYDCPS	MONINT
WORKLOADS	SYSTEM CAPTURE RATIO	LWSYSCAP	HOURL
WORKLOADS	SYSTEM CAPTURE RATIO DETAIL	LWSYDCAP	MONINT
WORKLOADS	SYSTEM CEC USAGE	LWSYSCEC	HOURL
WORKLOADS	SYSTEM CEC USAGE DETAIL	LWSYDCEC	MONINT
WORKLOADS	SYSTEM CPU USAGE	LWSYSIFL	HOURL



WORKLOADS	SYSTEM CPU USAGE DETAIL	LWSYDIFL	MONINT
WORKLOADS	SYSTEM CPU MT	LWSYSCMT	HOURL
WORKLOADS	SYSTEM CPU MT DETAIL	LWSYDCMT	MONINT
WORKLOADS	SYSTEM TOTAL CPU BY VMACHINE	LWSYSCPT	HOURL
WORKLOADS	SYSTEM TOTAL CPU BY VMACHINE DETAIL	LWSYDCPT	MONINT
WORKLOADS	SYSTEM vmuserid TOTAL CPU DETAIL	LWVMUSDT	MONINT
WORKLOADS	SYSTEM vmuserid STORAGE DETAIL	LWSYVMME	MONINT
WORKLOADS	SYSTEM vmuserid STATES DETAIL	LWSYVMSD	MONINT
WORKLOADS	SYSTEM TOTAL CPU DETAIL	LWSYVMTO	MONINT
WORKLOADS	PROCESS CPU PROFILE	LWSYSPRO	HOURL
WORKLOADS	TOP PROCESS UTILIZATION	LWSYSPRD	MONINT
WORKLOADS	SYSTEM USER CPU BY VMACHINE	LWSYSCPG	HOURL
WORKLOADS	SYSTEM USER CPU BY VMACHINE DETAIL	LWSYDCPG	MONINT
WORKLOADS	SYSTEM VM CPU BY VMACHINE	LWSYSCPV	HOURL
WORKLOADS	SYSTEM VM CPU BY VMACHINE DETAIL	LWSYDCPV	MONINT
WORKLOADS	SYSTEM PAGING BY VMACHINE	LWSYSPFR	HOURL
WORKLOADS	SYSTEM PAGING BY VMACHINE DETAIL	LWSYDPFR	MONINT
WORKLOADS	SYSTEM MEMORY BY VMACHINE	LWSYSWKS	HOURL
WORKLOADS	SYSTEM WSS MEMORY BY VMACHINE DETAIL	LWSYDWKS	MONINT
WORKLOADS	SYSTEM RESIDENT MEMORY BY VMACHINE DETAIL	LWSYDRMS	MONINT
WORKLOADS	SYSTEM LOCKED MEMORY BY VMACHINE DETAIL	LWSYDLMS	MONINT
WORKLOADS	SYSTEM STATE BY VMACHINE	LWSYSSST	HOURL
WORKLOADS	SYSTEM TOP RUNNING VMACHINES	LWSYSTST	HOURL
SYSTEM DAILY TRENDS	CPU BY SYSTEM	LDTOCPU	DAY
SYSTEM DAILY TRENDS	SYSTEM PERCENTILE STATISTICS	LDSYPCT	DAY
SYSTEM DAILY TRENDS	SYSTEM CPU UTILIZATION	LDSYCPU	DAY/HOURL
SYSTEM DAILY TRENDS	CPI BY SYSTEM	LDTOCPI	DAY
SYSTEM DAILY TRENDS	SYSTEM CPI INDEX	LDSYCPI	DAY/HOURL
SYSTEM DAILY TRENDS	%L1M BY SYSTEM	LDTOL1M	DAY
SYSTEM DAILY TRENDS	SYSTEM %L1M INDEX	LDSYL1M	DAY/HOURL
RESOURCE DAILY TRENDS	MEMORY UTILIZATION	LDRTOTME	DAY
RESOURCE DAILY TRENDS	SYSTEM MEMORY UTILIZATION	LDRSYME	DAY/HOURL
RESOURCE DAILY TRENDS	PAGE IN RATE	LDRTOTPI	DAY
RESOURCE DAILY TRENDS	SYSTEM PAGE IN RATE	LDRSYPI	DAY/HOURL
RESOURCE DAILY TRENDS	PAGE UTILIZATION	LDRTOTPG	DAY
RESOURCE DAILY TRENDS	SYSTEM PAGE UTILIZATION	LDRSYSPG	DAY/HOURL
RESOURCE DAILY TRENDS	SPOOL UTILIZATION	LDRTOTSP	DAY
RESOURCE DAILY TRENDS	SYSTEM SPOOL UTILIZATION	LDRSYSSP	DAY/HOURL
RESOURCE DAILY TRENDS	DISK I/O RATE	LDRTOTDI	DAY
RESOURCE DAILY TRENDS	SYSTEM DISK I/O RATE	LDRSYSDI	DAY/HOURL
RESOURCE DAILY TRENDS	DISK RESPONSE TIME	LDRTOTDR	DAY
RESOURCE DAILY TRENDS	SYSTEM DISK RESPONSE TIME	LDRSYSDR	DAY/HOURL
WORKLOAD DAILY TRENDS	CPU BY FUNCTION	LDTOFUN	DAY
WORKLOAD DAILY TRENDS	VMACHINE CPU BY FUNCTION	LDSYFUN	DAY
SYSTEM WEEKLY TRENDS	CPU BY SYSTEM	LKTOCPU	WEEK
RESOURCE WEEKLY TRENDS	MEMORY UTILIZATION	LKRTOTME	WEEK
RESOURCE WEEKLY TRENDS	DISK I/O RATE	LKRTOTDI	WEEK
WORKLOAD WEEKLY TRENDS	CPU BY FUNCTION	LKTOFUN	WEEK
WORKLOAD WEEKLY TRENDS	VMACHINE CPU BY FUNCTION	LKSYFUN	WEEK
SYSTEM MONTHLY TRENDS	CEC CPU USED	LMCECPU	MONTH
SYSTEM MONTHLY TRENDS	CPU BY SYSTEM	LMTOCPU	MONTH
SYSTEM MONTHLY TRENDS	CEC cecid MONTH CPU	LMCECPUD	DAY/HOURL
RESOURCE MONTHLY TRENDS	MEMORY UTILIZATION	LMRTOTME	MONTH
RESOURCE MONTHLY TRENDS	DISK I/O RATE	LMRTOTDI	MONTH
WORKLOAD MONTHLY TRENDS	CPU BY FUNCTION	LMTOFUN	MONTH
WORKLOAD MONTHLY TRENDS	VMACHINE CPU BY FUNCTION	LMSYFUN	MONTH



3 Customer support

For any technical problems or questions about EPV for zLINUX please email:

epv.support@epvtech.com

For any other issue about EPV for zLINUX please email:

epv.info@epvtech.com



Related documentation

The following manuals complement the information provided in this manual:

- *EPV for zLINUX V15 Installation and Customization Guide*
- *EPV for zLINUX V15 Database Layout*
- *EPV for zLINUX V15 Release Notes*
- *EPV for zLINUX V15 Preparing Input for a Demo*
- *EPV V15 User Interface*
- *EPV V15 Operations Guide*