

# Release Notes

## Meta-View Agent and Host for MPE/iX version I.03f

### Introduction

The I.03 versions of Meta-View add two new data classes beyond prior versions: a PROCESSOR class that replaces the CPU class (as of version I.03a), and a new NETWORK class (as of version I.03b).

The items in the NETWORK class are derived from the output of the MPE/iX LINKCONTROL command.

This version should be used with new versions of the Meta-View clients, which are being released at the same time.

The next sections of this document list the enhancements and resolved issues in this release and in many earlier releases. This document is available on the Meta-View Performance Manager Product CD included with the Meta-View product shipment. It is also available on the documentation page of the Lund website at:

<http://www.lund.com/support/documentation.html>.

### Current Release

#### Version I.03f – Released April 19, 2005

This version was based on I.03d.

#### Resolved Issues

SR#	Service Request Description
1091	Network stats collection goes into infinite loop for an incomplete network configuration.
1241	Added help information for Pulse Point and Globally Allowed Commands options.
1242	First Response & Prompt Response commands don't work correctly when process information is displayed on extended mode.

#### Enhancements

SR#	Service Request Description
1087	Turn disk file space logging off in default job because the use of discfree to log free space for each interval is a CPU hog.
1213	Removed the security check on mvdatad for SL files.
1243	ImageStats module removed.

#### Known Issues

SR#	Service Request Description
72	For systems with a large number of drives (encountered on a system with 240 drives after 60 were added), MVMONJ may abort with the following error: "Error - log record length number >32767" (where number is a particular number). A possible workaround is to not choose to log so much data (for example, specify not to log process data or file space data).
139	For variable length files that are repeatedly read, the file size reported by MVHOST is inconsistent.
244	For KSAM files, the file size reported by MVHOST is much larger than the one reported by MPE.

## Product History

This product history lists enhancements and resolved issues in prior releases.

### Version I.03d – Released April 20, 2004

This version was based on I.03c.

#### Resolved Issues

SR#	Service Request Description
102	For Performance Gallery export file the error message when the group doesn't exist should be: "The specified group does not exist."
136	A process does not decay when its queue is altered from within MVHOST, but it does decay when it is altered from MPE.
142	If the SL file needed for the FC extraction request is missing, a proper error message should be displayed: "There is no data for the date/time requested."
499	The curly braces from our job comments must be removed because they generate error messages for STREAM/X customers .
560	The wrong phone number for Lund support is displayed.
698	An invalid item definition for CPU_NUMBER appeared in REDITEMS.MVDATA.LUND. This caused problems for Forecast extracts.
794	MV DATAD is not providing the volume set name.
795	Sometimes a security check failing message appears for MV DATAD.
796	MV DATAD needs to put out version information when it starts up.
797	On the Process detail screen of MVHOST, there are asterisks displayed for CM% [ ].
785	For MV DATAD, the component names of the alert data items fail.
804	MV DATAD responds incorrectly when queried for all items.
829	Increase license code version from 3 to 4.

### Version I.03c – Released January 7, 2004

This version was based on I.03b.

#### Enhancements

SR#	Service Request Description
655	The default group in the SCOPUTIL program options for the PERFEXTR file was SCOPE. This was changed to be MVSCOPE.

#### Resolved Issues

SR#	Service Request Description
661	The MVMONJ job doesn't display advice messages as it should.
669	The documentation in the ADVICE.MVDATA.LUND file info about alerts based on workload data was inaccurate. This has been corrected. Also, the file SMPWKDEF.MVDATA.LUND has been added to the distribution as a sample MVWKDEF file.

### Version I.03b – Released December 16, 2003

This version was based on I.03a.

**Enhancements**

SR#	Service Request Description
605	A new NETWORK class was added.

**Resolved Issues**

SR#	Service Request Description
645	The SCOPALLJ job would try to run the SCOPUTIL program from the PUB group instead of from the MIVPGMS group.
646	The SCOPUTIL program aborted because it was looking for Turbo Image status.

**Version I.03a – Released November 19, 2003**

This version was based on I.02d.

**Enhancements**

SR#	Service Request Description
628	The items for PROCESSOR class were changes in order to be similar to System class items.
629	CPU class was remake like it was before adding Processor items.

**Version I.02e – Released January 5, 2004**

This version was based on I.02d.

**Enhancements**

SR#	Service Request Description
655	The default group in the SCOPUTIL program options for the PERFEXTR file was SCOPE. This was changed to be MVSCOPE.
669	The documentation in the ADVICE.MVDATA.LUND file info about alerts based on workload data was inaccurate. This has been corrected. Also, the file SMPWKDEF.MVDATA.LUND has been added to the distribution as a sample MVWKDEF file.

**Resolved Issues**

SR#	Service Request Description
645	The SCOPALLJ job would try to run the SCOPUTIL program from the PUB group instead of from the MIVPGMS group.
646	The SCOPUTIL program aborted because it was looking for Turbo Image status.
661	The MIVMONJ job doesn't display advice messages as it should.

**Version I.02d – Released October 31, 2003**

This version was based on I.02b.

**Enhancements**

SR#	Service Request Description
393	The following error message from MIVDATAD : 'No SL file found in: /LUND/LOGFILES' is now more explanatory: 'No SL file found in: /LUND/LOGFILES ;SL files are created by streaming mvmonj.mvjob.lund'.
472	MIVDATAD now accepts a new command line argument "-l" to specify the path to the group containing the license file. The specified path overrides the default of "/MIVDATAD_account/ PUB". Most users will have no need for this option.
571	There were some grammar mistakes in MIVDATAJ messages.

## Resolved Issues

SR#	Service Request Description
392	On systems with more than eight CPUs, MVLOGX would fail while trying to create a Performance Gallery Gold extract. The error message was "Workload table overflow. Information will be missing."
426	When the priority (-r) command line option was used, MVDATAD would terminate without issuing a message.
475	LPSCHECK was using SOS as a column header. This has been changed to MV.
572	MVDATAD reported an incorrect keyitem for the CPU class.

## Version I.02b – Released August 20, 2003

This version was based on I.02a.

### Enhancements

SR#	Service Request Description
391	Added a new command line parameter "-a" for the MVDATAD program that allows an IP address or domain name to be supplied. This will specify which IP address of the current host is to be used. The default is the primary address of the current host. This feature can be useful when a host has more than one IP address, or when domain name resolution mechanisms are not working correctly.

### Resolved Issues

SR#	Service Request Description
42	For systems with SUSAN numbers larger than 4000400550, the following warning was being displayed to the user when the advice was turned on: "Advice cannot be displayed due to configuration problem."
258	The default path for the PWSITEMS, PWSALIAS and ALERTCFG files was the MVDATA group of the logon account instead of the MVDATA group of the account containing the MVDATA program.
277	The MVDATAD program had an ACD, but shouldn't have.
278	MVDATAD didn't find the PWSSEC (security) program if MVDATAD was run from an outside account.
280	The SCOPALLJ job was trying to log on to the SCOPE.LUND group rather than MVSCOPE.LUND.
301	MVHOST allowed only four digits to display a PIN, even though MPE/X releases starting with 7.0 Express1 support as many as 12,000 concurrent processes, an increase from the previous limit of 8190.
307	A security check was wrongly failing for SL files.
312	The DATE field was missing from MVLOGX comma-separated-values extracts.
388	On the MVHOST memory screen the cumulative values were showing [**] because the format only allowed for two characters.

## Version I.02a – Released June 9, 2003

This version was based on I.01e.

### Enhancements

SR#	Service Request Description
103	MVLOGX now defaults to viewing the files in the LOGFILES.LUND group when no log file location has been set. Formerly, if the log file location were not set, MVLOGX would view log files in the current group. Also, MVLOGX would have asked for start and end times even when there were no log files. Now it asks for times only if it finds a log.
188	MVDATAD now converts the 16-bit job/session number to an 8-character string. Formerly, MVDATAD supplied the J/S number as an integer, but the actual number contained two fields: the J/S type and the J/S number.
274	Underscore characters ("_") are now allowed in data item names. This is needed for the new items that use this character instead of a hyphen ("-").

### Resolved Issues

SR#	Service Request Description
128	MVHOST was not reporting incorrect entries in the MVWKDEF file; entries such as aaa,bbb,ccc for a program file. This could occur when the file was kept numbered.

SR#	Service Request Description
133	The DATE variable was being allowed into MVLOGX report definitions, but the date values were not actually being put into the report.
144	The data for the "User Name" column in MVPRANL reports could overflow the column, causing misalignment. This was fixed by removing the session name from the logon string in such cases.
145	The MVLOGX reports of free disk space only allowed 3 digits for the LDEV. Now they allow 5.
163	MVSTATAD was reporting the current time to clients as hardware time, not the software (MPE) time of the :SHOWTIME command.
197	Sometimes MVSTATAD would return a "no sample found" error when it should have returned data for an actual sample.
198	MVPRANL showed trace messages on the screens while generating reports.
253	MVHOST could not invoke MVLOGX and an error message was displayed.
254	An attempt to do a Forecast/3000 log file reduction resulted in the message "Invalid item definition CPU-COUNT in reditem.MVSTATAD.LUND."
265	If the user configured an alert data item and an alert message item with the same name, the alert message item would not be processed.
275	The last character of an alert formula in the alert configuration file ALERTCFG might be missed. For instance, in the formula "item_name >= 80", the numerical value was interpreted as "8".

### Version I.01f – Released April 10, 2003

This version was based on I.01d.

#### Enhancements

SR#	Service Request Description
135	MVLOGX now handles as many as 2000 SL files.

#### Resolved Issues

SR#	Service Request Description
134	If a user without OP or SM capabilities ran MVHOST, the program would not be able to create/reopen the semaphore file ISSEM0.PUB.LUND. The message showed error_num = -179 subsys_num =143.

### Version I.01e – Released April 9, 2003

This version was based on I.01c.

#### Enhancements

SR#	Service Request Description
238	MVSTATAD now has host authentication and versioning. Clients ascertain that a host is a Meta-View host. Clients and hosts negotiate a version of the protocol they both support, or clients report an error if there is none. Implementation of this enhancement makes current agents incompatible with earlier clients, and current clients incompatible with earlier agents.
257	If a request uses short tags, MVSTATAD now responds using short tags.

#### Resolved Issues

SR#	Service Request Description
100	The automated report creation process would produce the error "File xxxx.SAMPLE could not be created! The DISCFREE report format file could not be created." The problem was that MVLOGX tried to create the new report in the SAMPLE group that had been renamed to MVSAMPLE for Meta-View.
101	In the Globally Allowed Commands screen, MVHOST was reporting obsolete MPE commands to be allowed.
104	The /H option of MVLOGX was showing two obsolete command line options: /K and /G.
106	MVLOGX would accept a negative configuration value for the PGG file size.
132	When licensed as a restricted collector and run interactive, MVHOST would wait instead of warning the user that it has no license to allow it to run in interactive mode.

SR#	Service Request Description
239	MVLOGX was looking for reports in the SAMPLE group rather than MVSAMPLE. Further, it used obsolete item names in the auto create reports feature.

## Version I.01d – Released March 21, 2003

This version was based on I.01b.

### Enhancements

SR#	Service Request Description
76	MVSTATAD now runs at priority 160 by default.

### Resolved Issues

SR#	Service Request Description
77	The splash screen message said "Meta-Wiew" (!) rather than "Meta-View".

## Version I.01c – Released January 16, 2003

This version was based on I.01b.

### Enhancements

SR#	Service Request Description
76	MVSTATAD now runs at priority 160 by default.
256	There is now a multi instance CPU class in the SL files. The items for this new class are listed in the ITEMLIST file.

### Resolved Issues

SR#	Service Request Description
28	There was no on-line Help for the Workload Detail screen.
134	If a user without OP or SM capabilities ran MVHOST, the program would not be able to create/reopen the semaphore file ISSEM0.PUB.LUND. The message shows error_num = -179 subsys_num =143.
235	MVSTATAD would terminate when it encountered network problems, for example if the network were brought down for a backup.
236	The ITEMLIST and PWSITEMS files have some filler items that MVSTATAD was erroneously providing as data items. MVSTATAD now filters them out.
237	MVSTATAD was formatting int32 and int64 items as float.