Oracle® Communications
EAGLE Element Mangement System

Release Notes

Release 46.0

E54391 Revision 2

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ORACLE®

Oracle® Communications EAGLE Element Management System 46.0 Release Notes

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Introduction

This Release Notes document lists the Resolved PRs for EAGLE Element Management System (E5-MS) Release 46.0.1-460.18.0 and Resolved and Known PRs for Release 46.0.0, Build 460.12.0.

This Release Notes also includes:

- Upgrade Paths
- Software Compatibility

Release Notes are distributed to customers with a new software release at the time of General Availability (GA). They are updated for each Maintenance release.

Release Notes are available only on the Oracle Technical Network (OTN) site. For each new publication to the OTN site, the revision level of the part number is incremented. See *Locate Product Documentation* below

PR Severity Definitions

The PR sections in this document refer to PR severity levels. Definitions of these levels can be found in the following publication:

TL 9000 Quality Management System Measurement Handbook.

Locate Product Documentation on the Customer Support Site

Oracle customer documentation is available on the web at the Oracle Technology Network (OTN) site, http://docs.oracle.com. You do not have to register to access these documents. Viewing these files requires Adobe Acrobat Reader, which can be downloaded at *www.adobe.com*.

Procedure

1. Navigate to the OTN site at http://docs.oracle.com
2. Under Applications, click the link for **Communications**. The **Oracle Communications Documentation** window opens with Tekelec shown near the top.
3. Click **Oracle Communications Documentation for Tekelec Products**.
4. Navigate to your Product and then the Release Number, and click the **View** link (the **Download** link will retrieve the entire documentation set).
5. To download a file to your location, right-click the PDF link and select **Save Target As**.

Resolved PRs

Table RN-1 lists Resolved PRs for E5-MS 46.0.1-460.18.0.
Table RN-2 lists Resolved PRs for E5-MS 46.0.0-460.12.0.

NOTE: Resolved PRs are sorted in ascending order by Severity (Sev), and then by PR number.

Table RN-1. Resolved PRs for E5-MS Release 46.0.1 Build 460.18.0 (2/6/15)

PR#	CSR?	Sev	Title	Customer Impact
19118683	Y	2	[239864]Alarms are not refreshed when an alarm changes state with message filter applied	The customer's active alarm view can be inaccurate when a text message filter is applied to the view.
20125588		2	E5-MS_46.1:-Unable to generate some reports	The Top 10 Alarms and Resource Per Count and Per Severity reports cannot be generated.
19100175		3	[226537]E5MS_45:Maximum allowed wrong login attempts	
19437667		3	E5MS_46: After failover E5-MS client closed with an error message.	
19554535		3	Meas processing fails to process hourly mtch-path files and blocks processing	
19931848		3	The presence of an unexpected file prevents CMI Scheduler pane from displaying.	
19972348		3	E5MS_46.1: Unable to remove Acknowledgement timestamp value.	
19207357		4	E5MS_46: LSMS status is not changed on map view after modification.	
19245059		4	During SwitchOver at Failover at primary server, message box title is not branded	
19355899		4	Subresource is truncated to 22 characters	
19704908		4	Update Commands Manual HTML files with Eagle 46.0 Commands Information	

Table RN-2. Resolved PRs for E5-MS Release 46.0 Build 460.12.0 (09/26/14)

PR#	CSR?	Sev	Title	Customer Impact
230738		2	E5MS_45:E5MS server stopped on the IPDE setup	System will hang - connection to Eagle(s) is blocked when connected to multiple Eagles over time. Network latency may play a factor.
234777		2	E5MS_45:LUI polling scripts not running	The link utilization polling script experiences intermittent polling failures.
235670	Y	2	Resynchronization failure results in dialog box being displayed on Client Screens	When the E5-MS system becomes disconnected from an STP, a popup box notifying the user of the connection issue is displayed on the Client screen that prevents GUI operations until the box is closed.
229006		3	Cut-thru: When the STP is configured in SSH mode, the cut-thru to the STP does not function	
229009		3	LUI: The LUI will not allow the user to enter in capacity value until measurements are available for the link.	
229869	Y	3	Create command class option or similar option is missing	Operator will not be able to create new custom command classes.
231058	Y	3	Alarm View: The Detailed alarm view has missing/mislabeled components.	Alarm properties pane will not display custom properties like UAM No.
231061		3	Eagle Inventory Menu: The results of the Execute Command are not displayed until the user clicks on "Fetch Data"	
231064	Y	3	Fault Management: Filtering menu contains mislabeled entries and is missing some filtering criteria	Custom view fields may not have one-to-one mapping of fields shown in Alarm/Event view.
231789	Y	3	E5MS_45:Graphics not rendered on the standby server	Customer will need to restart client on standby machine to render the card graphics during a failure of the primary system.
232997	Y	3	Some messages logged in the alert_audit.txt file as incorrectly logged as FATAL.	Invalid errors can mask valid alarms in the flood of invalid messages.
233001	Y	3	FATAL exceptions logged in the nmserr and nmsout log files.	Invalid errors can mask valid alarms in the flood of invalid messages.
235028		3	E5-MS software is not signed by Oracle or Tekelec	
235174	Y	3	Custom View changes are not updated upon saving after arranging columns	Custom Alarm View sorting options are not stored when saving the custom alarm view. Upon reload of the E5-MS client, the field to be used for sorting must be clicked on to alter the sort order.
237836		3	In case EAGLE Logout fails then the message displayed has a typo error "Logout Command failed"	
237838		3	In case of eagle removal from usergroup, CMI scripts re attempt to logout even when it's already logged out.	

PR#	CSR?	Sev	Title	Customer Impact
237839		3	Scheduled task info not getting updated for non-admin user when updated by admin.	
237840		3	User expiry and password expiry field is accepting minus '-' symbol as input, resulting in exception in UI.	
237841		3	Additional info needed when CMI script/commands logs out of EAGLE due to Update Graphics with EAGLE CLLI name changed	
237843		3	Heartbeat received on old NMS port post NMS port has been modified	
237844		3	NBI FTP configuration GUI frame shows multiple popups for an action	
238050		3	E5MS Admin cannot modify newly created scheduler task by an user within same session	
241698		3	E5MS_45.1:Unable to open Command Help html file of CMI from E5-MS client	
223120		5	E5-MS support of LSMS alarms (via SNMP feed)	
228452		5	E5-MS Support of EPAP Alarms via SNMP feed	
234228		5	E5-MS distribution to natively include Java 7	
234395		5	Oracle Re-branding: Logo	
238556		5	Upgrade version of MySQL to 5.6	
238930		5	E5-MS R46.0 compatibility with EAGLE R46.0	

Customer Known PRs

Table RN-2 lists known PRs for E5-MS 46.0.

NOTE: Known PRs are sorted in ascending order by Severity (Sev), and then by PR number.

Table RN-3. Known PRs for E5-MS 46.0 (2/6/15)

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225467		2	Resolved	Defer	Transaction APIs are using infinite timeouts	No impact to customers. No issues have been noted.
232414		2	Resolved	Defer	E5MS_45:NBI FTP module does not support SFTP	Measurement reports will only be processed and available from STPs that have security enabled.
236583		2	Resolved	Defer	LSMS_13.0: Authentication is not present for Community string in SNMP feature.	The Authentication string for the Community is not present in traps originating from the LSMS system. The missing community string is not needed by the E5-MS system, so no impact to monitoring via E5-MS is expected.
215626		3	Resolved	Defer	EMS: Multiple login failures in CMI script execution.	In case of a login failure on Eagle, user should try to login again and should be able to login successfully in the next attempt.
217240	Y	3	Resolved	Defer	CMI Login Status Indicator not updated on loss of connectivity with STP	The CMI does not always reflect the accurate login status and can cause more work for the customer by issuing commands only to have them fail and then need to retry the commands once the user reconnects to the STPs.
222774		3	Resolved	Defer	E5-MS security operation tree issues needs to be fixed	There is no system impact as dependencies need to be manually resolved and only administrator needs to perform these operations.
223022		3	Resolved	Defer	Support of fbp (Frame Power Budget) shelf in E5-MS needs to be provided	FBP frame will not be available in Frame View.
225495		3	Resolved	Defer	E5MS_45: Unable to scroll complete result set.	User must expand frame to see complete results on one screen
225547		3	Resolved	Defer	The Splash screen needs to be updated.	None - other than the splash screen is of low quality.

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
225549		3	Resolved	Defer	E5MS_45: Some filtering criteria are not supported under Network Events and Alarms section.	No impact to system other than filtering options may be limited in custom views.
225553		3	Resolved	Defer	Background image of the login page needs updating.	None - this is an appearance issue and does not affect functionality.
225554		3	Resolved	Defer	Tekelec logo on the WebStart client needs to be updated.	None - this does not affect functionality in any way.
225745		3	Resolved	Defer	E5MS_45:Scheduler accepts junk value for time	Customer must be careful to properly define schedule criteria.
225861		3	Resolved	Defer	E5MS_45:Command box does not work correctly	No impact to customer operation.
225862		3	Resolved	Defer	E5MS_45:Renaming of category name fails intermittently	If the rename operation fails, it will succeed when the operation is performed again.
226249		3	Resolved	Defer	E5MS_45:Audit trails visible to user on Security Administration GUI	No impact to customer operation.
226363		3	Resolved	Defer	Save Map functionality does not always work as desired.	The Icon may not be saved in the desired location.
226745		3	Resolved	Defer	Audit trails for backup are not generated during automatic backup	No impact to customer operation.
226924		3	Resolved	Defer	Message during backup is not visible on status bar of E5-MS	No impact to customer operation.
227820		3	Resolved	Defer	E5MS_45: Whitespace between * is accepted as a parameter for Sub-Resource criteria.	No effect other than the Resource and Sub-Resource parameter entry doesn't work exactly the same.
227874		3	Resolved	Defer	E5MS_45: Expand and collapse functionality does not work properly on Polling script execution result panel.	Window size is larger than desired for some screen sizes. User must use the scroll bar to see the information.
228359		3	Resolved	Defer	EMS terminal makes provisioning change immediately after logging in without checking if change is necessary	No impact to customer operation.
228543		3	Resolved	Defer	Logger Implementation for Events generated in E5MS.	Logs are not generated for all system events.

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
228752		3	Resolved	Defer	E5MS_45:Device Time stamp displayed in long format on fault GUIs	No impact - format is in UTC, but E5-MS timestamp is also available.
228821		3	Resolved	Defer	Audit trail issues	Operator can't create custom audits.
229727		3	Resolved	Defer	E5MS_45:logs flooded with failed status update messages	No impact to customer operation.
229877	Y	3	Resolved	Defer	Non permitted users can update inventory and though correctly barred from CMI	Customers need to create just a few users who can work on a particular EAGLE only, and these users would be barred from all other activities for another EAGLE. This is not currently possible for inventory.
229881	Y	3	Resolved	Defer	Not able to remove EAGLE from Select Eagle list when LUI is included	If LUI is enabled customers can not create a user with only the selected EAGLE.
230253	Y	3	Resolved	Defer	startnms.sh output shows "verified for Aricent" .	No impact to customer operation.
230396		3	Resolved	Defer	E5MS_45:Reports in HTML format are not resizable	No impact to Customer operation as other report formats work for generating reports.
230483	Y	3	Resolved	Defer	All UIMs not captured, only system alive messages captured in Fault Management	Customer can start monitoring all UIMs based on column name.
230537		3	Resolved	Defer	Intra upgrade does not support conf file and database schema changes	No impact to customers in R45.
230538		3	Resolved	Defer	Card graphic for E5-APP-B card not visible in E5-MS	The E5-APP-B card will not be displayed on the STP shelf graphics.
230598		3	Resolved	Defer	E5MS_45:Support for SIP commands should be present on CMI	Customer will not be able to use SIP commands from the EMS.
231056	Y	3	Resolved	Defer	Server Redundancy – Cannot specify which server will be started as primary by default.	Customer would need to manually check the server, which is currently acting as Primary server.
231057	Y	3	Resolved	Defer	Server Redundancy – After recovery of the failed primary server, the primary server does not resume control as prima	Primary once recovered post failure won't retain primary role and will keep running as secondary server.
231060	Y	3	Resolved	Defer	Alarm Filter - The alarm filters are not locked under the Fault Management branch	Custom views can be placed anywhere in the hierarchy.

| PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
231526	Y	3	Resolved	Defer	Bat files in E5-MS.	No impact to customer systems.
232364		3	Resolved	Defer	E5MS_45:Unable to restart e5ms service using the restart parameter	No impact to the normal operation of the E5-MS system.
232531		3	Resolved	Defer	Failover.xml is copied from the primary to the standby server	Minor impact to smooth operation of the failover. If the application fails on the primary server, the primary server application may be stopped to ensure failover operation.
232997	Y	3	Resolved	Defer	Some messages logged in the alert_audit.txt file as incorrectly logged as FATAL.	Invalid errors can mask valid alarms in the flood of invalid messages.
232998	Y	3	Resolved	Defer	Device timestamp reporting alert time in EPOCH time.	Prevents the customer from easily determining the date and time of the event.
235744	Y	3	Resolved	Defer	Complete result not appearing via Send Command however working fine using cut through.	Customer is directly running commands via the cut-through interface to the STP. They are using CMI for very less work considering that it may give lesser output.
237835		3	Resolved	Defer	"Enter Password :" shown in server console after unknown duration	None. Only message is displayed in console even entering password manually has no significance. All modules keep working in intended way.
237842		3	Resolved	Defer	Discovery info events persists even after EAGLE discovery fails	None. Only info events remains in Event viewer.
239911		3	Resolved	Defer	E5-MS:Rebranding: E5MS installation directory 'Tekelec' should be renamed as Oracle	The E5-MS system is installed under /Tekelec. This location will be updated in a future release.
242468		3	Resolved	Defer	E5MS_46:Results for aud-data not received on E5MS	STP Commands that require additional command responses are not supported in the E5-MS CMI scripting. These commands should be run interactively from a connection to an IPSM or fixed terminal.
19185383		3	Resolved	Defer	Export is not working correctly for Auth Audit GUI.	The Auth Audit export is not functioning from the E5-MS GUI. This export does not impact the reliable operation of the E5-MS service.

PR#	CSR?	Sev	Status	Disposition	Title	Customer Impact
19207357		3	Resolved	Defer	E5MS_46: LSMS status is not changed on map view after modification.	The update functionality of the LSMS discovery is not functioning as expected. If modification is needed to an existing LSMS in E5-MS, the device can be removed and discovered again in the E5-MS application.
19245059		3	Resolved	Defer	During SwitchOver at Failover at primary server, message box title is not branded	The popup box displayed during a client failover to the standby server is not labeled as per Oracle convention.
19355899		3	Resolved	Defer	Subresource is truncated to 22 characters	The Subresource field for alarms is truncated to 22 characters. This has minor impact to links that utilize the entire allowed field length for the IP7CONN field.
19437667		3	Resolved	Defer	E5MS_46: After failover E5-MS client closed with an error message.	The automatic client failover does not reliably function in all configurations. If the client were to fail to switchover to the secondary server upon the failure of the primary server, the client may be relaunched manually from the secondary server.
19602079		3	Resolved	Defer	E5MS_46: Both servers ending up as Primary servers	A single instance of both servers in a failover configuration becoming primary has been observed in the testing lab. This occurrence has not been observed on any other systems. To remedy this issue, the failover setup instructions from the Upgrade/Install Guide (E54392), should be performed on the system to set the databases to an identical state and re-enable the replication and failover.

Upgrade Path

Figure RN- 1 illustrates the upgrade path to E5-MS 46.0.

Table RN-4. Figure RN- 1 E5-MS 46.0 Upgrade Path
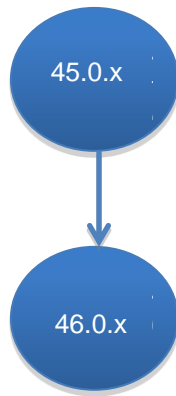
Product Compatibility

Table RN-5 shows E5-MS 46.0 compatibility with other related products.

Table RN-5. E5-MS 46.0 Compatibility with Other Related Products

Product	Release	Compatibility
EAGLE	< 44.0	NC
	44.0	PC
	45.0 & 45.1	PC
	46.0	FC
EPAP	< 16.0	N/A
	16.0	FC
LSMS	< 12.0	N/A
	12.0	FC
	13.0	FC

Note: E5-MS 46.0 customers should upgrade their other products to the Fully Compatible releases identified in the table above.

Legend:

- FC - Fully Compatible
- PC - Partially Compatible-Product combinations are functional but have not undergone complete regression testing. Some feature capabilities may not be fully functional or supported.
- N/A – Not Applicable
- NC - Not Compatible

Oracle References and Services

Customer Access Support (CAS)

The Oracle Customer Access Support (CAS) is your initial point of contact for all product support needs. A representative takes your call or email, creates a Customer Service Request (CSR) and directs your requests to the Tekelec Technical Assistance Center (TAC). Each CSR includes an individual tracking number. Together with TAC Engineers, the representative will help you resolve your request.

The CAS is available 24 hours a day, 7 days a week, 365 days a year, and is linked to Engineers around the globe.

Oracle Tekelec TAC Engineers are available to provide solutions to your technical questions and issues 7 days a week, 24 hours a day. The Engineer determines the classification of the trouble after issuing a ticket. If a critical problem exists, emergency procedures are initiated. If the problem is not critical, normal support procedures apply. A primary Technical Engineer is assigned to work on the ticket and provide a solution to the problem. The ticket is closed when the problem is resolved.

Contact CAS by:

Phone: 1-800-223-1711 (toll-free, within continental USA and Canada) or see http://www.oracle.com/us/support/contact/index.html for the phone number of your local country.

When calling, make the following selections on the Support telephone menu:

- Select 2 for New Service Request
- Select 3 for Hardware, Networking and Solaris Operating System Support
- Select 2 for Non-technical issue

You will be connected to a live agent who can assist you; simply mention you are a Tekelec Customer new to MOS and they will be happy to assist you.

Emergency Response

In the event of a critical service situation, emergency response is offered by the Customer Access Support 24 hours a day, 7 days a week. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:

- A total system failure that results in loss of all transaction processing capability
- Significant reduction in system capacity or traffic handling capability
- Loss of the system's ability to perform automatic system reconfiguration
- Inability to restart a processor or the system
- Corruption of system databases that requires service affecting corrective actions
- Loss of access for maintenance or recovery operations
- Loss of the system ability to provide any required critical or major trouble notification

Any other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with the Customer Care Center.