**Software Release Notice
for
CA Infrastructure Management
Release 2.3.3
Last revised 4/1/14**

INSTALLATION INSTRUCTIONS

For detailed instructions related to product installation, see *CA Performance Center Installation Guide* and the *Data Aggregator Installation Guide.*

OVERVIEW for 2.3.3 (Back to DESCRIPTION)

2.3.3 provides fixes and enhancements to pre-existing functionality.
Please refer to the "DETAILS OF 2.3.3 CONTENTS" section below for full descriptions of these fixes and enhancements.

DETAILS OF CONTENTS

Resolved Issues (Back to OVERVIEW for 2.3.3)

o Symptom: The Metric Families section of the Data Aggregator Administration Page does not always list the Monitoring Profiles that are using the Metric Family.
Resolution: Modified the Data Aggregator RESTful service to support searching list attributes.
(2.3.3, 224989, 21505484-01)
(2.3.3, 297234, 21735785-01)

o Symptom: Groups are listed multiple times in the Group Membership sections of item context pages.
Resolution: Groups now display with their full, unique path to differentiate them from other groups of the same name.
(2.3.3, 262998, 21563585-01; 21585318-01; 21595174-01)
(2.3.3, 282832, 21656747-01)

o Symptom: The Group Membership list on item context pages contains groups that the user does not have permissions to access.
Resolution: Groups now display with their full, unique path to differentiate them from other groups with the same name. The groups that are displayed are only those that are within the user's group access permissions.
(2.3.3, 263002, 21570642-01)

o Symptom: The password configured for the LDAP "Connection User" is saved in clear text in the netqosportal.performance_center_properties table.
Resolution: Any previous/new LDAP service account passwords are now stored encrypted.
(2.3.3, 263399, 21570734-01)

• Symptom: Slow reporting times for a dashboard reporting against a group containing a large flat hierarchy.

Resolution: Removed an inefficiency in the code where simultaneous queries can cause data access contention and slow the calculation of group items for a given group.
(2.3.3, 263980, 21747645-1; 21575328-1;21574946-01)

- Symptom: On any dashboard, a search for a device in one of the views fails. The view says, 'No data available,' and the Search bar disappears, making the view unusable.
Resolution: If you do a search and no devices are found, the Search bar remains so that you can enter another search term.
(2.3.3, 264260, 21570841-01;21608267-01)

- Symptom: The CA Application Delivery Analysis Top Performance and Top Performance Map views show inconsistent numbers of items in the user interface and in an exported PDF.
Resolution: Moved the selection of the number of items from the user interface to the Settings dialog. This setting can then be passed to CA Application Delivery Analysis to retrieve and display only the desired number of items.
(2.3.3, 264950, 21515797-01)

- Symptom: In the View Settings dialog (available from the Edit menu for a data view), in lists of metrics, long metric names are truncated. As a result, it can be difficult to determine which metric to select.
Resolution: Each metric now has a tooltip that lists the full name. If a long metric name is truncated, hover to see the tooltip that reveals the full name.
(2.3.3, 265736, 21583085)
(2.3.3, 180086)

- Symptom: If you select a site group context for a dashboard, you cannot then change to another site group by clicking the [change] link. This link lets you change to another group context if you have selected a custom group context, but it doesn't work with site groups.
Resolution: Now all child groups are available for selection in the "Group Filter Change" dialog.
(2.3.3, 268314, 21695197-01, 21583982-01)
(2.3.3, 265676, 21538867-1)

- Symptom: In large systems, the Inventory pages and other list views only display up to 5000 items. There is no indication of how many items are not displayed.
Resolution: Changed the banner text to display "Showing the first N of [Total] results". For example: "Showing the first 5,000 of 6,438 results."Administrators can then determine whether to increase the value of the UniversalList.Limit property using the Global Attributes that are available at the following URL: http://<CA Performance Center Server>:8181/pc/center/admin/debug
(2.3.3, 268315, 21587355)

- Symptom: Cannot change resolution of a custom view for CPU Utilization from 15 Minutes. I can change the value in the Edit View Settings dialog, but the view still displays with 15-minute resolution in the dashboard.
Resolution: The resolution setting for CA Performance Center views is controlled by the poll rate. In this case, the data was coming from the EMS Integration with CA Mediation Manager. We fixed the poll rate for EMS data. Now the user can set the desired resolution for EMS data.
(2.3.3, 268696, 21589164-01)
(2.3.3, 21965)

- Symptom: No option to drill into CA Network Flow Analysis for CA Performance Center users who have access to that data source.
  Resolution: If the user has the "Drill Into Data Sources" role right and product privilege to access CA Network Flow Analysis, they will see an option from the Inventory menu to drill into the CA Network Flow Analysis console.
  (2.3.3, 269594, 21604400-01)

- Symptom: After removing a data source from CA Performance Center, the MySql "show processlist" shows a "DELETE" query that is not completing. The result can be CA Performance Center event queries that do not succeed, and/or Performance Manager events that are not forwarded to CA Spectrum.
  Resolution: Optimized inefficient database queries in the Event Manager data source removal code.
  (2.3.3, 271880, 21591156-1)
  (2.3.3, 297796)
  (2.3.3, 286211, 21690725-01)

- Symptom: After an upgrade, rollup data is missing. Rollups are not performed on the data that was polled before the upgrade. This occurs because end-of-cycle messages are discarded by the installer.
  Resolution: The installer now restores the data directory automatically as part of the upgrade.
  (2.3.3, 272247)

- Symptom: When selecting a time zone for a site or user there is no option for Australia/Canberra.
  Resolution: Added the time zone of Australia/Canberra to the database of time zones supported by CA Performance Center.
  (2.3.3, 272842, 21618662-01)

- Symptom: Only a subset of views appear when you select the site context while building a custom dashboard, for example the MultiView Interface Utilization (Trend) view does not appear.
  Resolution: Modified code to show the same set of views for sites as we do for groups.
  (2.3.3, 275088, 21609218-01)

- Symptom: The 95th Percentile metric fails to render for the Dynamic Trend View and IM On-Demand/Multi-Metric Trend Reports. "No Data to Display" is returned, even when the 95th Percentile data is available for the timeframe and for the items or groups that were selected.
  Resolution: The Data Aggregator RIB source was modified to improve support for 95th percentile reporting.
  (2.3.3, 275090)

- Symptom: When using a web service to create or update a metric family which includes a "RollupStrategy" tag in the XML, the web service indicates success but new attributes did not show up in the database.
  Resolution: If the XML variance attribute is missing in a case where it is required, an error message appears, stating that "If RollupStrategy is defined, then Minimum, Maximum, Percentile, StandardDeviation and Variance must also be specified."
  (2.3.3, 276159, 21632189-1)

- Symptom: SNMP Profiles cannot be deleted from CA Performance Center by a user who has the SNMP Clear Text role right.
  Resolution: Added a check for a Delete action before performing the special actions that the SNMP Clear Text role right enables.
  (2.3.3, 276215, 21615924-01;21639826-01;21615984-01;21703842-01)

- Symptom: The title of eHealth Custom views always show "- Undefined -" in the middle of title.
  Resolution: The title of eHealth Custom views will now show correctly.
  (2.3.3, 276224, 21634761-01)

- Symptom: In the Manage Groups UI of CA Performance Center, it is not possible to configure more than one rule condition that contains "Device Item is member of <GroupName>".
  Resolution: The Manage Groups UI now correctly preserves any unsaved changes. It will also only pull rule information for a group from the CA Performance Center server when a different group is selected from the Groups tree on the Manage Groups page.
  (2.3.3, 276431, 21617968-01)
  (2.3.3, 255615, 21617968-01)
  (2.3.3, 294699, 21711729-01)
  (2.3.3, 289221, 21701295-1)

- Symptom: When you do a global search with results that include Sites with business hours assigned, the id of the business hour shows up in the results instead of the name.
  Resolution: Modified code to pass a needed context to the search thread, so it can look up the business hour name.
  (2.3.3, 276448)

- Symptom: When navigating to Data Aggregator -> toMonitored Inventory -> Monitored Devices, the user can find the device they are interested in. However, when they then select the polled metric family named Interface, no components are showing up for it. After some time, an error pops up.
  Resolution: Improved the parsing of XML to be about 40% to 50% faster. The parsing will no longer time out and show no data.
  (2.3.3, 276557, 21595340-01)

- Symptom: If a CA Performance Center user session times out in the browser and they try to interact with the Group Admin UI, they experience an error that states, "Unable to retrieve the current user session".
  Resolution: The Group Admin UI will now properly redirect the user to the Single Sign-On page when it detects that the user's session is no longer valid.
  (2.3.3, 276695, 21630584-01)

- Symptom: When running or viewing an On-Demand Report it is not obvious which item was selected as the context for the report.
  Resolution: The item type and name are now displayed as part of the view header text in the report.
  (2.3.3, 276701)

- Symptom: SPIM Storage Cert uses an incorrect Names metric.
  Resolution: The expression for generating the name in the SPIM Storage vendor certification now defaults to Partition+devMntPnt. However, if devMntPnt does not exist, it falls back to

Partition+index behavior.
(2.3.3, 277557, 21618167-01)

- Symptom: After an upgrade of CA Network Flow Analysis (9.1.2 upgraded to 9.2), users with the Administrator role cannot see some charts. For example, these users cannot see the Stacked Protocol Trend view for an interface monitored by CA Network Flow Analysis.
Resolution: Tightened up code with error checking. Added debug logging to RIBXYChartModel to further diagnose issue.For administrators, charts will display data, but they may not have links to CA Network Flow Analysis in the legend.
(2.3.3, 277639)

- Symptom: When more than ten menu items are added to a menu, the menu admin dialog does not maintain the order.
Resolution: Modified the code to handle strings and integers properly, so sorting works as expected.
(2.3.3, 277836, 21487951-01)
(2.3.3, 225157)

- Symptom: After deploying a CAMM device pack, the discovery of corresponding devices and components takes several minutes to complete.
Resolution: The time that it takes to discover new devices and components for CAMM device packs has been significantly reduced.
(2.3.3, 278226)

- Symptom: Regular expression beginning with \ character is not accepted in the Group Rules UI.
Resolution: Modified ActionScript code to properly escape the regular expression before syntax validation.
(2.3.3, 278333, 21586595-01)

- Symptom: When the CA Infrastructure Management Data Collector is upgraded, the hostname of Data Aggregator is lost. It is missing from the config file located at <install dir>/apache-karaf-2.3.0/etc/com.ca.im.dm.core.collector.cfg.
Resolution: The CA Infrastructure Management Data Aggregator hostname is now preserved on upgrade, and for customers who have lost that value we attempt to retrieve it from the local-jms-broker.xml file in order to perform an upgrade without prompting for the hostname.
(2.3.3, 278475)

- Symptom: Events from CA Performance Center are missing in CA Spectrum after the integration has been running for about a week. The events slowly stop appearing on one CA Spectrum landscape after another until they are no longer seen in CA Spectrum when they are raised in CA Performance Center. The MySql "show processlist" shows a "DELETE" query that is not completing.
Resolution: Optimized inefficient database queries in the Event Manager data source removal code.
(2.3.3, 278481, 21636667-1)
(2.3.3, 278294, 21636667-1)

- Symptom: After an upgrade, duplicate menu items may exist.
Resolution: Modified the sql queries so they are less likely to duplicate the main menus.
(2.3.3, 278975, 21641379-01)

- Symptom: Sometimes, after deploying a CAMM device pack, a Null Pointer Exception is seen in the karaf.log while attempting to load data for one of the device pack's metric families. This Null Pointer exception can lead to failure to load all data - both CAMM and SNMP data - for that metric family.
  Resolution: Made the Data loading code more resilient to handle poll groups that lack a poll interval. By default, all CAMM data will be committed to the database in 5-min intervals.
  (2.3.3, 279073)
  (2.3.3, 157738)

- Symptom: The caperfcenter_console process would sporadically crash with "PermGen Out of Memory" error.
  Resolution: The source of the PermGen memory growth was identified and resolved. A set of manual instructions were provided to change the garbage collector algorithm via configuration file.
  (2.3.3, 279405)
  (2.3.3, 256058)

- Symptom: The caperfcenter_console process's memory usage would grow unbounded, eventually resulting in an out of memory error and/or excessive CPU utilization.
  Resolution: The memory leak was located and has been fixed. We no longer leak memory each time a dashboard or other reporting page is loaded.
  (2.3.3, 279422)

- Symptom: In a large-scale environment (1 million polled items and hundreds of metric families) with the CAMM integration deployed and some device packs installed and delivering data, if both the Data Aggregator and the Data Collector are restarted, polled data can flood over from the CAMM Data Collector. Loading some of this data can cause WOS overflow errors in Vertica, leading to a failure to load polled data and/or inconsistent behavior with any Vertica SQL queries.
  Resolution: We have greatly improved the threading model to ensure that we will not overflow WOS in Vertica while trying to validate too many metric families at once. As a result, a CAMM Data Collector restart or a Data Aggregator restart will not lead to complete failure to load polled data. In an environment with hundreds of metric families and 1 million items, there may still be a delay of 2-3 hours between the time when some polled data is sent by the Data Collector and when it appears in reports.
  (2.3.3, 279616)

- Symptom: SystemEDGE 5.6 agent not being polled for all disk metrics that are listed as being polled by the generic Disk metric family.
  Resolution: The vendor certification that backed the generic Disk metric family lacked expressions for metrics "PagesPagedOut, PagesPagedIn, and Disk IO Busy Utilization" even though the MIB variables for them are available in the Empire MIB. We implemented expressions in the IM SysEDGE vendor certification for these metrics.
  (2.3.3, 280285, 21636072-01)

- Symptom: When selecting settings for an IM Device MultiView (Top), the value for the "Number of Charts on page" parameter reverts to its default value when the page is refreshed.
  Resolution: The value that you set for "Number of Charts on page" no longer reverts to the default value when saved.

(2.3.3, 281283, 21649682-01)
(2.3.3, 296494, 21717716-01)

- Symptom: When drilling down from CA Performance Center to CA Network Flow Analysis from the IP Interfaces->Stacked Trend Chart view, the time frame in CA Performance Center is not the same time frame seen in CA Network Flow Analysis.
  Resolution: The expandedUtcTime(Start|End) functions did not return UTC times. They are only used by CA Network Flow Analysis. Fixed those functions.
  (2.3.3, 281389, 21603068-01,21624291-01;21651249-01)
  (2.3.3, 254060, 21512057-01)

- Symptom: While creating new custom tabs for Router pages, the editor stopped responding, and the Settings link stopped working. No Error, no timeout.
  Resolution: A workaround SQL script is available to fix database values if this problem occurs. In addition, a code change has been made to ensure that a page is properly flagged as a context page when appropriate. That internal flag was causing an improper Save action that required a Restore Tabs to Defaults action to undo it.
  (2.3.3, 282405, 21649688-1)

- Symptom: I restarted the CA Performance Center server, and shortly afterwards, I changed the settings for the Interface tab in the Router context. When I did that, the Routers context page disappeared. I reproduced this problem after editing another dashboard.
  Resolution: A workaround SQL script is available to fix database values if this problem occurs. In addition, a code change has been made to ensure that a page is properly flagged as a context page when appropriate. Also added code to ensure that the proper tenant ID is pulled when loading context tabs.
  (2.3.3, 282848, 21630107-01)
  (2.3.3, 298863, 21744765-1)
  (2.3.3, 300267, 21748909-01)
  (2.3.3, 300230, 21749877-01)

- Symptom: Data Aggregator stops working while modifying monitoring profiles.
  Resolution: This is caused because many threads are spawned in order to modify the monitoring profile. If the setting for max process limit is too low, a crash occurs. A new warning has been added to the installer.
  (2.3.3, 283205, 21660004-01)

- Symptom: When a device is discovered in a data source other than Data Aggregator, the device's Description and sysLocation were displayed with wrong value.
  Resolution: If a device is not discovered in Data Aggregator, Description and sysLocation field will be blank.
  (2.3.3, 283225, 21595575-01)

- Symptom: We noticed over 50k retired interfaces on a Cisco Airespace device. Change detection on interfaces is run once daily, and every day, interfaces are being retired and new ones discovered on these devices. As a result, data continuity is lacking on these interfaces.
  Resolution: These mobile station interface indexes are constantly shifting for an unknown reason. Based on the fact that users are more interested in Access Point statistics instead of Mobile Station statistics, we have removed the predefined Cisco Airespace Interface vendor

certification.
(2.3.3, 283770, 21663268-01)

- Symptom: Many unnecessary errors and exceptions are showing up in the Data Aggregator karaf.log.
  Resolution: The unnecessary errors and exceptions have been cleaned up and will no longer appear in the Data Aggregator karaf.log.
  (2.3.3, 283853, 21668086-1)

- Symptom: Intermittent Synchronization Failures between Performance Center and Data Aggregator when Groups are synced.
  Resolution: Improve Group handling code in the Data Aggregator to batch group writes.
  (2.3.3, 284802, 21668144-01)
  (2.3.3, 295015, 21722047-01)

- Symptom: Discovery fails after Data Collector has been running for a few days.
  Resolution: The ActiveMQ temporary queues are used for on-demand requests. Due to an ActiveMQ bug, the temporary queues could be accidentally deleted. Resolved by replacing the temporary queues with well-known response queues.
  (2.3.3, 284907, 21668544-1)

- Symptom: When re-running Inventory Discovery, all SNMP profiles listed in the Discovery profile are tried again on existing device items, which can generate authentication failure traps from the devices.
  Resolution: When re-running Inventory Discovery, we will first check for the existing device SNMP profile in the discovery profile. If it is not listed, all SNMP profiles will be tried. If it is listed, the existing SNMP profile is tried first. If the existing profile succeeds, we will stop trying the other SNMP profiles. Only if the existing SNMP profile is not working will all SNMP profiles be tried.
  (2.3.3, 285110, 21665523-01)

    o Symptom: Applied the following CA Network Flow Analysis specific CA Performance Center role rights to CA Network Flow Analysis views:

Title	Applied Role Right
ToS Summary (Pie) - Total	View Tos
Top Protocols (Pie) - Total	View Protocols
Top Hosts (Pie) - Total	View Hosts
Top Conversations (Pie) - Total	View Conversations
Top Hosts (Pie) - In	View Hosts
Top Hosts (Pie) - Out	View Hosts
Top Enterprise Hosts By Volume	View Hosts
Top Enterprise Protocols By Volume	View Protocols

    o
      The following views have been updated to use the proper role right:
      Top Protocols (Table) - Updated to use View Protocols

Stacked Protocol Trend - Out - Rate - Updated to use View Protocols
Top Protocols (Bar) - Total - Updated to use View Protocols
Stacked Protocol Trend - In - Rate - Updated to use View Protocols
Resolution:
(2.3.3, 285205, 21665040-01)

- Symptom: An SNMP device is displayed as "Unmanageable," but it should be manageable. A manageable device must support two sysObjectIDs, which are read using GetNext. When reading the scalar OID withGetNext, the expected response varbind was different from the varbind that was received from the SNMP agent, which was not following the standard rule. Therefore, the code treated the OID as not supported.
  Resolution: Instead of using GetNext SNMP method to test whether a scalar MIB OID is supported, the Get method is now used for all scalar MIB OIDs.
  (2.3.3, 285653, 21687964-01)

- Symptom: When using a Network Flow Analysis data source and viewing the Stacked Protocol Trend/IP Performance chart, the view could sometimes take many minutes to load or not load at all. This could cause the view to continually show a "Loading Data" icon, even though it will never finish loading.
  Resolution: The code has been modified so that this view loads normally in all cases.
  (2.3.3, 285785, 21648957-01)

- Symptom: After you configure an On Demand Report Template and run it, it may display a prompt to "Configure this view by selecting the Edit icon at the top-right of the panel." But the problem actually relates to a lack of data, not to a lack of configuration.
  Resolution: Removed a check for an invalid configuration item. Now the message reads, "No data to display" if the selected timeframe does not contain data.
  (2.3.3, 285862)

- Symptom: After an upgrade, duplicated menu items may exist.
  Resolution: Modified the SQL queries so that the main menus are not duplicated.
  (2.3.3, 286174, 21669850-1)

- Symptom: When a Trend view has the Default Resolution overridden by the customer, changing the report time frame to "Last 3 Months" results in "No Data to Display".
  Resolution: The overridden resolution on a trend view should now work no matter what time frame is selected. If the resolution that is selected is too small for the timeframe, then the override will be changed to the closest supported resolution.
  (2.3.3, 286461, 21690028-01)

- Symptom: CPU utilization not being reported correctly.
  Resolution: We have identified and fixed a defect in the Cisco Enhanced Memory Pool certification.
  (2.3.3, 286981, 21667114-01;21740034-01)
  (2.3.3, 298296, 21740034-01)

- Symptom: When performing discovery for a list of hostnames, DNS name lookup could return a hostname with a different capitalization. Then the hostname would be displayed as inaccessible device, even though the device was correctly discovered.
  Resolution: In the internal process of the hostname lookup, we now ignore the name

returned from DNS, and keep using the user-provided hostname.
(2.3.3, 288509, 21663212-01)

- o Symptom: No data is displayed for an Extreme BlackDiamond 8810 device, even though it is in the list of supported devices.
  Resolution: Works as designed: According to the list of certifications, the BlackDiamond 8810 is supported only for the following components: Availability; Interface; IPv4; Network Address; Reachability; SIP Connection; System; Virtual Router Redundancy Protocol. The requested CPU/MEM is not supported.
  (2.3.3, 288935, 21698118-01)

- o Symptom: The out of the box view titled "Total Volume In/Out" is using the average rate metrics.
  Resolution: Modified the out of the box view titled "Total Volume In/Out" to use rate metrics consistent with the name of the view.
  (2.3.3, 289075, 21667515-01)

- o Symptom: After upgrade of CA Network Flow Analysis (9.1.2 upgraded to 9.2) anyone with the Administrator role cannot see some charts. For example, they cannot see the Stacked Protocol Trend view for a CA Network Flow Analysis monitored interface.
  Resolution: This problem occurred because CA Network Flow Analysis and CA Anomaly Detector are installed on the same system, and were registered as data sources using the same host name or IP address. Modified the code so that it looks up the requested data source using a type ID as a hint, and finds the correct data source.
  (2.3.3, 289260)

- o Symptom: If the locale is Chinese (Simplified) and time zone is in Asia/Shanghai, the last run time of discovery profile is in the future.
  Resolution: Use time format with time zone represented by offsets from GMT in REST.
  (2.3.3, 290191, 21647883-01)

- o Symptom: QoS items are continuously being retired and recreated at each change detection interval.
  Resolution: Fixed an issue with the algorithm that reconciles new and existing items to resolve the handling of names that are not unique.
  (2.3.3, 292290, 21713091-1)

- o Symptom: After creating a scheduled email you are unable to see it in the Manage Email Schedules page of CA Performance Center.
  Resolution: America/Sao_Paulo has been added to the localized timezone list for CA Performance Center.
  (2.3.3, 295299, 21573353-01)

- o Symptom: Changed the sysdescription on a device and re-discovered it. The old device still displays in CA Performance Center.
  Resolution: An incremental synchronization is automatically performed for a re-discovery. We have updated the incremental synchronization to watch the sycDesc attribute on devices.
  (2.3.3, 295508, 21665140-01)

- Symptom: When you edit a role and bring up the dialog to add or remove menu items from that role, certain menu items may appear twice.
  Resolution: Modified the code so we maintain the ClonedMenuId field when we edit a menu. Modified the code for the roles menu list so it does not display the duplicates when there is only one copy of a menu actually available.
  (2.3.3, 295956, 21669850-1)

- Symptom: Average Response Time is recorded as zero in Infrastructure Management periodically for Cisco IPSLA jitter paths.
  Resolution: The out-of-box vendor certification has been corrected.
  (2.3.3, 296885, 21718721-01)

- Symptom: After upgrading to Data Aggregator 2.3.2 March kit, some metric family's backing vendor certification was changed and the components could be retired.
  Resolution: Fixed the issue so that the vendor certifications can be properly discovered.
  (2.3.3, 299171, 21752063-1)

- Symptom: 1. Missing a few metrics compared to the eHealth certification.
  - "ForwardedInProfilePackets"
  - "ForwardedInProfileBytes"
  - "ForwardedOutOfProfilePackets"
  - "ForwardedOutOfProfileBytes"
  - "DroppedInProfilePackets"
  - "DroppedInProfileBytes"
  - "DroppedOutOfProfilePackets"
  - "DroppedOutOfProfileBytes"

  2. "Timetra VIDEO MIB" certification is not using the correct Item-Naming convention from eHealth Certification in Infrastructure Components.
  Resolution: 1. Added missing metrics below to Infrastructure Management:

  - <Expression destAttr="ForwardedInProfilePackets">tmnxPortNetIngressFwdInProfPkts</Expression>
  - <Expression destAttr="ForwardedInProfileBytes">tmnxPortNetIngressFwdInProfOcts</Expression>
  - <Expression destAttr="ForwardedOutOfProfilePackets">tmnxPortNetIngressFwdOutProfPkts</Expression>
  - <Expression destAttr="ForwardedOutOfProfileBytes">tmnxPortNetIngressFwdOutProfOcts</Expression>
  - <Expression destAttr="DroppedInProfilePackets">tmnxPortNetIngressDroInProfPkts</Expression>
  - <Expression destAttr="DroppedInProfileBytes">tmnxPortNetIngressDroInProfOcts</Expression>

- <Expression destAttr="DroppedOutOfProfilePackets">tmnxPortNetIngressDroOutProfPkts</Expression>
- <Expression destAttr="DroppedOutOfProfileBytes">tmnxPortNetIngressDroOutProfOcts</Expression>

2. Added dash to fix the name for Video IF components and for Video MDA components (2.3.3, 299567, 21593977-01)

QUICK REFERENCE TABLE

Fixed in	Work Item	Star Number-Issue
2.3.3	157738	
2.3.3	180086	
2.3.3	194698	
2.3.3	194699	
2.3.3	206106	
2.3.3	21965	
2.3.3	219701	
2.3.3	224989	21505484-01
2.3.3	225157	
2.3.3	254060	21512057-01
2.3.3	255615	21617968-01
2.3.3	256058	
2.3.3	258131	
2.3.3	262998	21563585-01; 21585318-01; 21595174-01
2.3.3	263002	21570642-01
2.3.3	263399	21570734-01
2.3.3	263980	21747645-1; 21575328-1;21574946-01
2.3.3	264260	21570841-01;21608267-01
2.3.3	264950	21515797-01
2.3.3	265676	21538867-1
2.3.3	265736	21583085
2.3.3	268314	21695197-01, 21583982-01
2.3.3	268315	21587355
2.3.3	268696	21589164-01
2.3.3	269150	
2.3.3	269594	21604400-01

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2.3.3	300267	21748909-01
2.3.3	35234	