

# Niagara 4.7 Release Notes

## Information

### Description

## Issues fixed in Niagara 4.7 Release

### Release Notes not assigned to a module

<b>HAREMB-632</b>	QNX dhclient not advertising client hostname
Tridium JACE devices after Niagara 4.3 and before this release that use DHCP provided IP addresses may not have properly announced the device hostname in the initial DHCP request. The hostname would be correctly included in any subsequent DHCP renewal.	
<b>HAREMB-893</b>	NTP boot option is not removed when selected
Prior to this release the NTP options in the JACE bootoptions menu were not removed from the menu when selected. This has been corrected so that the option is removed from the menu once selected.	
<b>HAREMB-894</b>	netcfg: remove IPv6 configuration after user clear second port IPv4
Prior versions of the Niagara QNX System Shell script would query the user for IPv6 adapter configuration even when the adapter may have been disabled for other reasons. This has been corrected.	
<b>NCCB-33164</b>	TC50845-1: ReadProperty to Structured View Object with, Property_List property id responds with ERROR.
Read property to Structure View for PROPERTY LIST property ID will respond will all the properties except the following as per the BACnet revision 14 specification: * Object ID * Object Name * Object Type * Property List.	
<b>NCCB-33192</b>	TC50845-2: ReadPropertyMultiple Request with, 'Property Identifier' = Required responds with Property List.
Property List (371), which used to be in response of Read Property Multiple request when requested with the property identifier Required and All, is not removed, in adherence with the BACnet 14 revision. The Objects affected are as follows: 1) Analog Input 2) Analog Output 3) Analog Value 4) Binary Input 5) Binary Output 6) Binary Value 7) Multi-state Input 8) Multi-state Output 9) Multi-state Value 10) Schedule 11) Calendar 12) Trend Log 13) Loop	
<b>NCCB-33287</b>	TC50845-3: Unknown Property instead of Write Access Denied for Write Property Trend Log.
The write property on trend log object, which used respond wit unknown property now rectified to write access denied.	
<b>NCCB-33289</b>	TC50845-5: Observation during EPIC consistency test.
The EPIC is updated with missing objects & their list. Using this EPIC, the EPIC Consistency test will be successful.	

<b>NCCB-33494</b>	TC50845-8: Incorrect response for requests with Special values of BACnetTimeValue
WriteProperty for any BACnetTimeValue with Special values (hour unspecified, minute unspecified, second unspecified) will respond with Error Class = PROPERTY, Error Code = VALUE_OUT_OF_RANGE. For example: Exception_Schedule Property of Schedule Object, Recipient_List property of Notification Class Object.	
<b>NCCB-33495</b>	TC50845-9: Incorrect response for WP on TrendLog for StartTime and StopTime.
WriteProperty for Trend Log object for the properties Start_Time and Stop_Time with a special values of BACnetDateTime will now respond with: Error Class = PROPERTY, Error Code = VALUE_OUT_OF_RANGE.	
<b>NCCB-33496</b>	TC50845-10: Incorrect Response for WP on Schedule for property Exception Schedule.
Niagara now understands the BACnet Special Data values for the Exception Schedule property in Schedule Object.	
<b>NCCB-33497</b>	TC50845-11: Incorrect Response for WP on Calendar for Date List.
Niagara now understands the BACnet Special Data values for the Date List property in Calendar Object.	
<b>NCCB-33644</b>	TC50845-12: No Initiation of ConfirmedEventNotification-Request on change of State for Normal to OffNormal
Moving OOS ext to the first resolves the issue and generates alarm for points	
<b>NCCB-33645</b>	TC50845-13: Incorrect Result Flags in the response for Read Range on empty list.
This is a defect and a deviation from BACnet spec, the fix will make sure that we adhere to spec.	
<b>NCCB-34322</b>	TC50845-14: BBMD, Global and Local Broadcast.
Prior to this fix, I-AM response to WHO-IS request was a GLOBAL_BROADCAST. Now I-AM response is a unicast to the source of the WHO-IS request.	
<b>NCCB-34466</b>	TC50845-19: Error returned for ReadProperty-Request for Object Identifier "Structured View Object"
After transmitting ReadProperty-Request with, Object Identifier = Structured View Object Property Identifier = Property_List Array Index = 0, IUT should respond with Array Size of the Property_List.	
<b>NCCB-34543</b>	TC50845-18: Error returned for ReadProperty-Request for Property_List and Array Index
After the fix, we can read index based element from the read property of property List which is of Array type.	
<b>NCCB-</b>	TC50845-15: Subscribe COV notification

<b>34561</b>	
COV_Subscription is working as per spec considering COV_increment property for all the monitored COV property.	
<b>NCCB-34563</b>	TC50845-16: The Log_Interval and Log_DeviceObjectProperty properties shall be writable.
Fix applied to respond with correct Error Class = PROPERTY and Error Code = WRITE_ACCESS_DENIED when transmitting WriteProperty-Request to Read-Only properties Log_Interval & Log_DeviceObjectProperty.	
<b>NCCB-34651</b>	TcpIpPlatformService cannot be embedded in HxPx page
Previous versions of Niagara 4 could fail to render the TcpIpPlatformService plugin when embedded in an HxPx page with the following error "Uncaught TypeError: Cannot read property 'value' of undefined". This behavior has been corrected.	
<b>NCCB-34869</b>	TC50845-20: WriteProperty-Request to Read-Only properties responds with unknown-property
Proper error, Write_access_denied will be returned when Write property is invoked on property list	
<b>NCCB-36034</b>	TC50845-22: Write Property on Property List of Device Object showing incorrect error code.
Write Property on Property List of Device Object showing returns Write Access Denied Error.	
<b>NCCB-36131</b>	TC50845-23: Write Property for Integer_Value and CharacterString_Value responds with error for valid properties
WP of the property will write the value and return ACK	
<b>NCCB-36132</b>	TC50845-24: RPM for "Required" property for Integer_value, Positive Integer Value, Large Analog Value Object responded with some optional properties
Objects Integer value, Positive Integer value and large Analog value will return correct required and optional properties.	
<b>NCCB-36133</b>	TC50845-25: RPM for "Optional" and "All" property for Positive Integer Value responded with error "Abort"
After adding positive facets for the descriptor in the station. RPM with "Optional" and "All" returns with success.	
<b>NCCB-37335</b>	Niagara Daemon Servlets that from extend DaemonServlet do not have thread safe XML response
Prior versions of the Niagara Daemon could fail to respond with valid XML if multiple clients were requesting the same servlet information at once. This could manifest as an error dialog appearing when using multiple Platform Administration Views connected to the same platform. This has been corrected.	

### Release Notes assigned to one or more modules

<b>NCCB-33139</b>	alarm, box	Duplicate Alarm Classes break the Ux Alarm Console
In the case where a station has multiple alarm classes with the same name, the Ux Alarm Console would fail to render. This has been updated so that the Alarm Console will now load properly.		
<b>NCCB-33627</b>	alarm	Alarm Database Time does not match Alarm Db View time due to TimeZone differences
In earlier versions of Niagara the Alarm Database View displayed timestamps in the timezone of the web browser (without noting which timezone was being used). This would make it appear as though the alarms had different times than those in the bajoui based versions of those views. The Alarm Database views now display timestamps in the TimeZone of the Alarm (based on the alarmData.TimeZone facet). Additionally, these views now also use the display name for Alarm Classes.		
<b>NCCB-34784</b>	alarm	AlarmUxConsole does not update on Offnormal/Acked to Normal/Acked
The AlarmUxConsole would failed to remove alarms that transitioned from Offnormal-Acked to Normal-Acked. This has been corrected.		
<b>NCCB-34807</b>	alarm	Adding notes in UxAlarmConsole can cause incorrect alarm to display
Adding notes to older alarms records could cause an older alarm to show in the AlarmUxConsoles summary view instead of the most recent alarm from that source. This has been corrected.		
<b>NCCB-35395</b>	alarm, baja, bajoui, bajoux, bql, chart, control, schedule, web, webChart, workbench	Add New Lexicon for Version 4.6
The German lexicon has been updated with new entries, and some existing entries have been updated.		
<b>NCCB-28360</b>	bacnet, platBacnet	EthernetPort Link Adapter setting is not retained after a reboot on Windows Supervisor
EthernetPort Link Adapter setting will be retained after a reboot on Windows Supervisor.		
<b>NCCB-32810</b>	bacnet	Multistate Value object in fault state allows a write to pv with value "0"
With this defect resolution Multistate Value Objects should not allow a "0" to be written to its present_value property from a client using WriteProperty API.		
<b>NCCB-36431</b>	bacnet, platBacnet	4.4 / 4.6 Backport: EthernetPort Link Adapter setting is not retained after a reboot on Windows Supervisor
EthernetPort Link Adapter setting will be retained after a reboot on Windows Supervisor.		
<b>NCCB-22900</b>	baja	Numeric toString does not honor browser locale correctly
BDouble.toString(Context) was not using the user's Context for decimal formatting and was improperly using the platform for formatting. It was also found that scientific notation was not working for a while. When prefix units were desired, they were sometimes missing or in the wrong place. These items have been corrected.		

<b>NCCB-34533</b>	baja	BQueryResults.getResults() could return an iterator whose last value is null
Fixed an issue where BQueryResults.getResults() returned an iterator whose last value was always null.		
<b>NCCB-35026</b>	baja, fox, tagDictionary	Workbench sometimes deadlocks when opening the Edit Tags dialog
A deadlock has been removed that could occur when opening the edit tags dialog while the broker channel client sync thread was processing.		
<b>NCCB-35029</b>	bajaScript	baja.AbsTime#toString displays incorrect time when timezone not explicitly supplied
When using baja.AbsTime#toDateTimeStringSync, the displayed time would be adjusted twice for the time zone offset, resulting in an incorrect date being shown. This has been corrected. In addition, baja.AbsTime#toString, baja.Time#toString and baja.DynamicEnum#toString now accept context objects and asynchronously return a formatted string, in concordance with the baja.Simple#toString contract.		
<b>NCCB-34205</b>	bajai	WebWidget text is illegible when shrunken by CanvasPane scaling
WebWidgets that were scaled down inside of a shrunken Canvas previously had illegible text. This should now be corrected. The performance should be fine, but the previous scaling behavior can be brought back with this system.property: bajai.disableHighQualityGraphics=true		
<b>NCCB-37295</b>	bajai	CanvasPanes as border children of EdgePane always shrink to minimum size
Adding a CanvasPane, with scaling configured, as a child of an EdgePane, GridPane, and certain other panes would cause that CanvasPane to always scale down to its minimum size. This has been corrected, so the CanvasPane should default to its preferred size and only scale down if there is not enough space available.		
<b>NCCB-27177</b>	bajaux, hx, kitPx	SetPointSlider renders differently in Hx Profile
Hx slider track is now located towards the top of the widget, and is thinner to match the Java version.		
<b>NCCB-34573</b>	bajaux	Permissions checks for px files inside modules are different for Bajaux and Workbench
Resolved issue where users must have read permission for category 1 in order to view PX includes in modules.		
<b>NCCB-36675</b>	batchJob, provisioningNiagara	4.6+ Hosted provisioning jobs fail running against PC based 4.3 Stations with "default credentials or passphrase" false positive
Niagara 4.6 introduced a verification step that ensured certain provisioning steps could not be run on devices that were still using the default platform credentials. This verification was malfunctioning when a Niagara 4.6 Station was provisioning Niagara 4.3 and earlier Supervisor hosts (not JACES), or when Niagara 4.6 Station was provisioning any AX host. This has been corrected.		
<b>NCCB-36506</b>	cryptoCore	NETWORK_COMMUNICATION SSLSockets parameter in module permissions prevents station start

Fixed an issue where the 'SSLSockets' parameter for the NETWORK_COMMUNICATION permission group caused the station or Workbench not to boot in non-FIPS mode.		
<b>NCCB-35747</b>	docDeveloper	Correct error in manifest example in Modules section of the Developer Guide
The Modules section of the Developer Guide contained an incorrect closing XML element for lexicons. This has been corrected.		
<b>NCCB-34476</b>	driver	alarmClass field on BAlarmDeviceExt does not list available alarm classes in web browser
The alarmClass field on Alarm Device Exts now shows a dropdown list of Alarm Classes in bajaux views. Please note that the Niagara Alarm Device Ext uses a custom alarm class editor that is not yet available in bajaux.		
<b>NCCB-34783</b>	gx	Scaled Pictures are using nearest-neighbor interpolation by default
Images that were scaled were scaled in low quality, this has been corrected.		
<b>NCCB-35795</b>	hierarchy	BLevelDef getPrevious() method does not return root of hierarchy
A hierarchy consists of a root hierarchy level definition and child level definitions (Group, List, Query, and Relation level definitions). In the hierarchy API, if getNext() was called on the root hierarchy level definition, the first child level definition would be returned. Prior to this fix, however, when getPrevious() was called on the first child level definition, null would be returned instead of the root hierarchy level definition. This has been fixed. Note: getPrevious() continues to return null if called on the root hierarchy definition.		
<b>NCCB-36432</b>	hierarchy	Hierarchy cannot be refreshed and expanded when at least one hierarchy is cached
A duplicate slot exception no longer prevents refreshing the hierarchy space when at least one hierarchy is cached.		
<b>NCCB-5492</b>	history, rdb, rdbSqlServer	Could not export histories that contained +inf/-inf as a value
We have provided 2 options for dealing with infinite values a Boolean property called "exportInvalidValues" was added to BRdbmsHistoryExport. if this property is false it will not insert +/- inf and nan values from the history into the database. if it is true +/- infinity values will be inserted as a +/- Double.MAX_VALUE if the database does not support infinite values. otherwise it will insert the infinite value. currently only Oracle supports infinite values for doubles and floats. "exportInvalidValues" has a default value of false		
<b>NCCB-27406</b>	hx	Hx: Chart title is truncated in AX History chart view
Resolved issue causing Chart title to be truncated in AX History Chart.		
<b>NCCB-28236</b>	hx	Px buttons do not show disabled highlight in browser
When a disabled button in a Px page was shown in the browser, the color of the button was hardcoded to a grey color with no text highlight. This has been fixed so a disabled button will use the color and text highlight specified in the theme.		

<b>NCCB-34315</b>	hx, workbench	from px file, cannot invoke actions in HxPx when value binding is to a child slot
HxPx can now invoke actions to an ord bound to simple property when the HxPx View loads directly from a px file. As a workaround you could either view the HxPxView from a Folder or change the ord to be bound to the component with the action.		
<b>NCCB-34748</b>	hx	Fallback field editor missing for editing Complex values in hpx
HxPx now has a fallback Complex editor for action parameters and HxGenericFE.		
<b>NCCB-35105</b>	hx, kitPx	Improperly setup Action Binding now prevent mouse clicks from working on all other widgets
An improperly setup Action Binding will no longer prevent mouse clicks from processing on other widgets.		
<b>NCCB-34281</b>	jxBrowser, wbapplet	Webstart JxBrowser popups cannot launch applet without refresh
When running with JxBrowser in webstart with a Hx Profile and launching a popup that required a java view, the popup would should up blank until you refreshed. This has been corrected and no manual refresh is required.		
<b>NCCB-35060</b>	jxBrowser, wbapplet	JxBrowser incorrectly shares data directory with other VMs and can cause local storage corruption
If WebStart was launched after Workbench, it would often fail to find a lock file for JxBrowser's data directory and re-use the one in use by Workbench causing corruption. This has been resolved and WebStart will no longer attempt to use Workbench's JxBrowser data directory.		
<b>NCCB-35080</b>	jxBrowser, wbapplet	webstart/applet fails to due boot after upgrading from 4.2 to 4.4+ when jxBrowser runtime.jar is cached
When you upgrade a station from 4.2 to 4.4, the applet may fail to boot due to an outdated runtime.jar cached by jxbrowser. Once you clear your java applet cache in 4.7, you should no longer have this problem with runtime.jar being out of date.		
<b>NCCB-36680</b>	lexicon	German lexicon not using translations for bql and bajaux
Prior to 4.7, the German localization module 'niagaraLexiconDe-rt' has translations for the bql and bajaux, but it does not use them. As a workaround, you can expand the contents to of niagaraLexiconDe-rt to !lexison\de.		
<b>NCCB-37399</b>	mobile	MobilePx: Binding a BoundLabel to ControlPoint no longer works due to 'Cannot read property 'getType' of undefined'
On mobile Px pages, Labels that were bound to a ControlPoint with a status of Null or OK would sometimes cause the page to fail to load. This has been resolved.		
<b>NCCB-36064</b>	neql	NEQL searches and hierarchy traversals are slower in 4.6
After adding some optimizations, neql searches and hierarchy traversals should be as fast or faster than 4.4u1.		

<b>NCCB-33180</b>	niagaraDriver	Niagara Virtuals don't use custom icons specified on remote components (usually Folders)
<p>Prior to this fix, if a JACE station had components with a custom icon (most commonly seen on Folders where you specify a dynamic "icon" property of type baja:Icon), then the Niagara virtual representation on the supervisor corresponding to that remote (JACE) component would not pick up the custom icon. Instead it would revert to the default icon for the component type. This has now been fixed, such that the Niagara virtual representation will pickup such custom icons. The fix requires that both the client (Supervisor) and server (JACE) be upgraded, and you may need to clear the Niagara virtual cache in the Supervisor in order to pick up the custom icons.</p>		
<b>NCCB-35022</b>	niagaraDriver	Niagara Virtual to Virtual points can fail to populate actions if the point is not already cached by the first virtual gateway
<p>In a multi-tiered Niagara system in which Niagara virtuals to Niagara virtuals are used (e.g. SupervisorA -&gt; SupervisorB -&gt; JACE), it was possible that actions would not be available for Niagara virtual to Niagara virtual points unless the user had previously accessed the Niagara virtuals from the middle supervisor first. This defect has now been resolved and requires the master and middle tier supervisor stations to be upgraded (the target JACE on the edge tier does not need to be upgraded in order to fix this issue).</p>		
<b>NCCB-37369</b>	niagarad (Java), platCrypto	Platform Certificate Management "User Trust Store" generates too many Niagara Daemon "crypto" servlet requests.
<p>The User Trust Store view of the platform Certificate Management was making excessive requests to the platform and causing the requests to be mishandled, leading to error messages in the workbench console. The number of requests has been greatly reduced to minimize the chance of errors occurring.</p>		
<b>NCCB-20207</b>	nre, platform - General	ResourceManager reports wrong CPU usage on Windows and Linux
<p>Prior versions of the Niagara Framework could incorrectly display CPU utilization in the Niagara Station Resource Summary View for platforms with multiple CPU. The CPU utilization is correct for the System Platform Service Plugin and Platform Administration Views. The Resource Summary View has been corrected.</p>		
<b>NCCB-35785</b>	nre	Obsolete TLS cipher reported by chrome
<p>A correction was made to the order that cipher suites are presented to a client when performing a TLS connection. This addresses the scenario where browsers like Chrome report the use of an obsolete cipher suite.</p>		
<b>NCCB-36337</b>	nre	Allowed Hosts exemptions intermittently become unapproved
<p>A TLS connection that fails due to a server certificate no longer unapprove the exemption for that host.</p>		
<b>NCCB-35899</b>	platCrypto, platDaemon, web	Socket timeout value ignored in BDaemonSession
<p>Fixed an issue where HttpsConnection was not respecting the requested timeout value when creating the SSLSocket. This resulted in platform connections taking longer than expected to time out.</p>		
<b>NCCB-</b>	platWifi	Wifi AP mode can be misconfigured in a way that it

<b>35114</b>		crashes.
For Wifi Access Point configuration, added additional data validation to ensure the access point dhcp server address range falls within the same subnet as the access point adapter interface tiw_sap0.		
<b>NCCB-36679</b>	platform - General, provisioningNiagara	Upgrade Out Of Date Provisioning Step that includes reboot causes unreliability in Edge10 daisy chain topology
A new "forceSequentialExecution" property was added to the "ForEachDeviceStage" component of a batch job. This flag, which defaults to true for newly created batch jobs, will force all job steps will be run from start to finish on one device a time, regardless of the setting of the existing "runDevicesInParallel" property. To allow the "runDevicesInParallel" setting to take effect, "forceSequentialExecution" must be set to false.		
<b>NCCB-31313</b>	provisioningNiagara	Provisioning step connection validation fails but step completes successfully
In Niagara 4.6, users may get an InvalidChannelException when running certain provisioning job steps (Robot Job Step, etc.). These exceptions would be logged in both the station and the supervisor, but the provisioning job itself would proceed successfully. In Niagara 4.7, the Fox session initialization has been changed to avoid these exceptions. The job results will be the same, but no exception messages are logged.		
<b>NCCB-36456</b>	provisioningNiagara	Update out-of-date software provisioning step may prevent next step from running
Provisioning steps that install software might trigger a reboot of the platform and any running station. In Niagara 4.7 and later, these provisioning steps will wait for the station to be in a running state before completing the step. This allows any subsequent provisioning steps that depend on a station connection to run successfully.		
<b>NCCB-35138</b>	pxEditor, workbench	Changes to WebWidget are lost if made before widget is fully loaded
When double-clicking a WebWidget for editing in the Px Editor before it was fully loaded, changes made to the Edit Properties dialog would sometimes write through to the WebWidget immediately and then be lost on clicking OK. This has been fixed: changes should write through correctly when clicking OK, whether the WebWidget has finished loading or not.		
<b>NCCB-35430</b>	rdBMySQL	Secure connections to MySQL database fails with exceptions for latest MySQL Connector/J 5.1.42 or 8.0
The rdBMySQL driver has been updated to support the latest MySQL Connector/J. We recommend upgrading to the latest MySQL Connector/J 8.0. In order to use this connector, you'll need to rename the jar file to "mysql-connector-java.jar" If you're using a certificate that's not signed by a CA in the System Trust Store, you can import the signer certificate into your station's User Trust Store and configure the My Sql Server Cert property to point to the alias of that certificate.		
<b>NCCB-35506</b>	rdBMySQL	SqlScheme resolver disallows character-quoting, throws exception
SqlScheme allows character quoting using backtick ( ` ) now. MySql table names containing a hyphen ( - ) must be character quoted as per MySql Specifications.		
<b>NCCB-37020</b>	report	Report palette is now missing Section Header' and Report Pane'
The ReportPane and the SectionHeader has been missing from the report module palette. This has been corrected.		

<b>NCCB-33403</b>	saml	The Niagara SAML Service Provider does not support encrypted assertions, when the assertion uses the XML tag 'saml:EncryptedAssertion'
Added support for SAML EncryptedAssertions, via the samlEncryption-rt module's BSamlXmlDecrypter. Patches are available for Niagara 4.4u1, 4.4u2, 4.6 and 4.7.		
<b>NCCB-35768</b>	saml	SAMLAuthenticationScheme ignores all but last prototype attribute
Fixed an issue where the SAML authentication scheme was incorrectly ignoring user prototype attributes from the Identity Provider when multiple values were being returned. The SAML authentication scheme now considers all returned values, and picks the first baja:UserPrototype in the UserPrototypes folder that matches any of these values. This matches the behaviour of the LDAP and Kerberos authentication schemes.		
<b>NCCB-35769</b>	saml	Station must be set to UTC timezone or IdP rejects SAML messages as expired
Fixed an issue where stations using a SAMLAuthenticationScheme had to be set to the UTC timezone when used with certain Identity Providers.		
<b>NCCB-33895</b>	schedule	Cannot select 3rd party calendar schedules when adding reference type special events
3rd party calendar schedules are again listed when adding a reference type special event to a schedule.		
<b>NCCB-34578</b>	schedule	Unable to use HTML5 Scheduler when scheduler is small (480 x 520)
Fixed problem displaying HTML5 Scheduler in a small space. The scheduler should now work when the width is greater than 480 and height greater than 520.		
<b>NCCB-36156</b>	smartTableHx	Badge filters for attribute status wont allow for selection
Prior to these changes in Niagara 4, Bql Status Filtering in HxQueryTable did not show your selection, this has been corrected.		
<b>NCCB-34251</b>	systemdb, systemIndex	System Indexing rarely fails due to duplicate vertex IDs
A temporary failure (indicating a duplicate vertex id) could occur on rare occasions during System Indexing. A mechanism has now been added to retry the System Index operation (up to 2 more times) to attempt to clear up this temporary problem when it's detected.		
<b>NCCB-35159</b>	tagDictionary	Tag groups no longer copied along with component
In version 4.3, the endpoint ord of a tag group relation was changed from a slot path to a handle ord. While this changes allows a tag dictionary to be renamed without breaking the tag group relation, it prevents tag groups from being copied along with the components on which the tag groups are applied. Therefore, the use of a slot path ord has been resumed and tag groups will now be copied correctly. These slot path ords are corrected when relevant renames occur.		
<b>NCCB-35805</b>	template	Station Template appears to lose tag groups

<p>Tag group definitions may have been dropped from a station template when the template is created. Station templates must be re-created to correct this problem.</p>		
<p></p>		
<b>NCCB-36500</b>	template	Create Station template fails if Px page contains PxInclude with null ord
<p>We are catching the exception that was causing template creation to fail and logging a warning about the null pxinclude to the user</p>		
<p></p>		
<b>NCCB-37289</b>	template	New configuration properties in Application Templates are not reflected in Excel spreadsheet
<p>It was possible that the template Export Configs operation generated an incorrect set of configurations if the template had been edited in the same Workbench session. This has been fixed so that the resulting Excel file will match the modified template. This applies to component, device, and application templates.</p>		
<p></p>		
<b>NCCB-27944</b>	wbapplet	IE11 fails to load applet when CompatibilityMode is used (user sees blank page)
<p>There was a problem that prevented the applet from booting in IE11 when Compatibility Mode was active in IE (which is sometimes the default for intranet sites). This is no longer a problem.</p>		
<p></p>		
<b>NCCB-35443</b>	wbapplet, web	Applet fails to boot due FailedDownloadException for splash.jar
<p>There was a problem with failing to boot the applet in IE11 because of a "Failed DownloadException" Unable to load resource: http://wb/ext/splash-.jar This has been corrected,</p>		
<p></p>		
<b>NCCB-34737</b>	webChart	right side Y-axis displays defective units on chart with multiple points
<p>WebChart previous always generated ticks from the primary series, but this did not display enough lines when the primary series was boolean or enum. Previously webchart didn't</p>		
<p></p>		
<b>NCCB-36550</b>	webChart	Dragging a hierarchy onto a web chart interrogates all descendants, beyond finding the first 10 descendant histories, causing performance problems
<p>Made performance improvements to reduce extra (unneeded) searching of descendants when a web chart has found the first 10 child points with histories under a base component dragged onto a web chart.</p>		
<p></p>		
<b>NCCB-32850</b>	webEditors	Setpoint field editors widths shrunk on customer's station after upgrade to 4.4
<p>Resolved issue with set point field editors on PX pages truncating the editor when there's not enough space to display the Numeric Set Point and Generic field editors and the post label.</p>		
<p></p>		
<b>NCCB-33450</b>	workbench	bajaux Widgets fail to load in Workbench when module of view is same version, but core versions between station and wb are mismatched
<p>Workbench would incorrectly use local resources if the view's module matched the local version, but other ux modules did not. This has been corrected as all ux module versions are checked before local resources are used. To see whether local resources are used or not, you can turn the wb.sys Logger to FINE.</p>		

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**Files**

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