



# BlackBerry Enterprise Server for Microsoft Exchange

Version 4.1 Service Pack 6 Maintenance Release 8

## Release Notes

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## Related resources

Guide	Information
<i>BlackBerry Enterprise Server Installation Guide</i>	<ul style="list-style-type: none"> <li>• system requirements</li> <li>• installation instructions</li> </ul>
<i>BlackBerry Enterprise Server Upgrade Guide</i>	<ul style="list-style-type: none"> <li>• system requirements</li> <li>• upgrade instructions</li> </ul>
<i>BlackBerry Enterprise Server Feature and Technical Overview</i>	<ul style="list-style-type: none"> <li>• BlackBerry® Enterprise Server features</li> <li>• system architecture</li> <li>• data workflows</li> </ul>
<i>BlackBerry Enterprise Server Administration Guide</i>	<ul style="list-style-type: none"> <li>• system setup and management</li> <li>• BlackBerry device implementation instructions</li> </ul>

## About the maintenance release

This maintenance release fixes an issue with the setup application in previous maintenance releases. In certain circumstances, previous maintenance releases might not have updated all of the expected files. To fix the issue, this maintenance release replaces all installed files.

To ensure that your organization's BlackBerry® Enterprise Server software is operating with the most comprehensive features and functionality, you should download the latest service pack for the version of the BlackBerry Enterprise Server that your organization runs. Service packs offer free updates that include new features and bug fixes in a single package. The following service packs are now available or will be available shortly:

- BlackBerry Enterprise Server for Microsoft® Exchange® 4.1 SP7
- BlackBerry Enterprise Server for Microsoft Exchange 5.0 SP1

## Verify the system requirements

Requirement	Description
software version	<p>This maintenance release works with BlackBerry® Enterprise Server version 4.1 SP6 for Microsoft® Exchange®.</p> <ol style="list-style-type: none"> <li>1. On the taskbar, click <b>Start &gt; Settings &gt; Control Panel</b> or <b>Start &gt; Control Panel</b>.</li> <li>2. Double-click <b>Add or Remove Programs</b>.</li> <li>3. In the list of currently installed programs, click <b>BlackBerry Enterprise Server for Microsoft Exchange</b>.</li> <li>4. Click <b>Click here for support information</b>.</li> <li>5. Verify that the version number is 4.1.6 (Bundle 30, 60, 73, 92, 105, 144, 170 or 174).</li> </ol>
remote components	<p>Install this maintenance release on a remote computer that hosts a BlackBerry Attachment Service, BlackBerry Manager, BlackBerry Router, or BlackBerry MDS Connection Service.</p>
original installation media	<p>The maintenance release installation program requires access to the installation media that was used to install the BlackBerry Enterprise Server. Depending on how the software was installed, this might be a product CD or a network location.</p>

## Install the maintenance release

1. While logged in to the computer that hosts the BlackBerry Enterprise Server, in Windows® Services, stop all BlackBerry Enterprise Server services.
2. Close the BlackBerry Configuration Panel.
3. Double-click **besx416mr8.zip**.
4. Extract the installation files to a local drive on your computer.
5. Browse to the location of the setup program files.
6. Double-click **besx416mr8.msi** to run the executable.
7. Click **Update**.

8. Complete the configuration screens.
9. Click **Finish**.
10. In Windows Services, restart all BlackBerry Enterprise Server services.

## Verify the maintenance release installation

1. On the taskbar, click **Start > Settings > Control Panel** or **Start > Control Panel**.
2. Click **Add or Remove Programs**.
3. In the list of programs, click **BlackBerry Enterprise Server for Microsoft Exchange**.
4. Click **Click here for support information**.
5. Verify that the version number is 4.1.6 MR8 (Rollup) (Bundle 222).

## Upgrading to BlackBerry Enterprise Server 4.1 SP7

Before you upgrade BlackBerry Enterprise Server 4.1 SP6 MR8 to version 4.1 SP7, you must run an upgrade prep tool called 416-upgrade-prep.exe. For more information, visit [www.blackberry.com/support](http://www.blackberry.com/support) to read article KB20383.

## Fixed issues

Issues that are marked with an asterisk (\*) are fixed in this maintenance release. All other issues were fixed in previous maintenance releases.

BlackBerry Attachment Service	
SDR 184864	In BlackBerry Enterprise Server version 4.1 SP4 or later, the upgrade process for a maintenance release reset the value for the AllowRemoteServices registry key to 0. In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 203140	In BlackBerry Enterprise Server version 4.1 SP2, if the user sent a malformed attachment, the BlackBerry Attachment Service might stop running unexpectedly. In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 205295	In BlackBerry Enterprise Server version 4.1 SP6, if the BlackBerry Attachment Service and BlackBerry MDS Integration Service were installed remotely, the BlackBerry Controller did not start and the error message "Error 1069: the service did not start due to logon failure" appeared. In BlackBerry Enterprise Server version 4.1 SP6 MR2, this issue is resolved.
SDR 216533	In BlackBerry Enterprise Server version 4.1 SP6, in certain circumstances, when the BlackBerry Attachment Service processed Microsoft® Word or Adobe® Acrobat® documents, service issues might have occurred. In BlackBerry Enterprise Server version 4.1 SP6 MR3, this issue is resolved.
SDR 251215	In BlackBerry Enterprise Server version 4.1 SP4 or later, the BlackBerry device could not open Microsoft® Excel® attachments if the spreadsheet included more than 99 worksheets. In BlackBerry Enterprise Server version 4.1 SP6 MR4 and later, this issue is resolved.
SDR 278003, SDR 278012, SDR 278031, SDR 278437	In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of some released versions of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on. In BlackBerry Enterprise Server version 4.1 SP6 MR4, this issue is resolved. For more information, visit <a href="http://www.blackberry.com/btsc">www.blackberry.com/btsc</a> to read KB17118.
SDR 314287	In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of some released versions of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on. In BlackBerry Enterprise Server version 4.1 SP6 MR5, this issue is resolved. For more information, visit <a href="http://www.blackberry.com/btsc">www.blackberry.com/btsc</a> to read KB17953.

BlackBerry Attachment Service	
SDR 324730	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of some released versions of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone, could have caused memory corruption and could have possibly led to arbitrary code execution on the computer that the BlackBerry Attachment Service runs on.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved. For more information, visit <a href="http://www.blackberry.com/btsc">www.blackberry.com/btsc</a> to read KB18327.</p>
*394617	<p>In earlier versions of the BlackBerry Enterprise Server, security vulnerabilities existed in the PDF distiller of the BlackBerry Attachment Service. These vulnerabilities could have allowed a malicious individual to send an email message containing a specially crafted PDF file, which when opened for viewing on a BlackBerry smartphone that is associated with a user account on a BlackBerry Enterprise Server could have caused memory corruption and possibly led to a Denial of Service (DoS) condition or arbitrary code execution on the computer that hosted the BlackBerry Attachment Service.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR8, this issue is resolved. For more information, visit <a href="http://www.blackberry.com/btsc">www.blackberry.com/btsc</a> to read KB19860.</p>
BlackBerry Collaboration Service	
SDR 181128	<p>In BlackBerry Enterprise Server version 4.1 SP4 or later, in certain circumstances, when using the BlackBerry® Client for use with Microsoft® Live Office Communications Server 2005, the BlackBerry Collaboration Service might log out sessions unexpectedly.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR4 and later, this issue is resolved.</p>
SDR 208463	<p>In BlackBerry Enterprise Server version 4.1 SP4 or later, when using the BlackBerry® Client for use with Microsoft® Office Communications Server 2007, if a user added a contact while the user was in a conversation with the contact, the presence for the contact changed to "Presence Unknown".</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR4 and later, this issue is resolved.</p>
SDR 301185	<p>In BlackBerry Enterprise Server version 4.1 SP6 MR4, the BlackBerry® Client for IBM® Lotus® Sametime® could not log in to the IBM Lotus Sametime server if the server only allows certain types of clients to log in.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.</p>
SDR 300871	<p>In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, if a user had AOL® contacts on their contact list, the user could not log in to the BlackBerry Client for use with Microsoft Office Communications Server 2007.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 315195	<p>In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, the BlackBerry Client for IBM Lotus Sametime could not log in to the IBM Lotus Sametime server.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
BlackBerry Configuration Database	
SDR 188496	<p>In BlackBerry Enterprise Server version 4.1, the BlackBerry Enterprise Server polled the SynchBackupRestore table on a too frequent basis for user state changes.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 and later, this issue is resolved.</p>
SDR 189686, 189687, 197654	<p>In BlackBerry Enterprise Server version 4.0 SP7 and later, in certain circumstances, the BlackBerry Configuration Database did not scale as required.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, you can run a SQL script to improve indexing for the BlackBerry Configuration Database.</p> <ol style="list-style-type: none"> <li>1. Back up the BlackBerry Configuration Database.</li> <li>2. Extract the setup program files to a local drive on the database server.</li> <li>3. Run the 4.1.6MR5.sql script in the DBScripts/SQLServer folder.</li> </ol>
BlackBerry Dispatcher	
SDR 252092	<p>In BlackBerry Enterprise Server version 4.1 SP5 or later, in certain circumstances, when moving users from one BlackBerry Enterprise Server instance to another, where both BlackBerry Enterprise Server instances used the same BlackBerry MDS Services, automatic user activations failed and manual user activations removed BlackBerry MDS applications.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
BlackBerry Manager	
SDR 94099	<p>In BlackBerry Enterprise Server version 4.1 SP2, if the user attempted to copy text in BlackBerry Manager, the Clipboard functions might not have worked properly.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR2 and later, this issue is resolved.</p>

**BlackBerry Manager**

SDR 285545	In BlackBerry Enterprise Server version 4.1 SP6 MR4, the Japanese version of the BlackBerry Manager did not display all the text in the property dialog boxes.  In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.
SDR 290723	In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, BlackBerry devices were unable to receive software updates over the wireless network.  In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.

**BlackBerry MDS Connection Service**

SDR 243123	In BlackBerry Enterprise Server version 4.1 SP6, in certain circumstances, the BlackBerry MDS Connection Service stopped responding daily when transcoding image content.  In BlackBerry Enterprise Server version 4.1 SP6 MR3 and later, this issue is resolved.
SDR 288265	In BlackBerry Enterprise Server version 4.1, a security vulnerability existed that could have allowed a user to execute potentially malicious code on the BlackBerry MDS Connection Service web site.  In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.
SDR 284969	In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, installing applications with JAD files failed in an environment with NTLM proxy authentication.  In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.
SDR 310999	In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, users could access web sites in the BlackBerry Browser that were blocked by a proxy server.  In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.

**BlackBerry Messaging Agent**

SDR 137535	In BlackBerry Enterprise Server version 4.1 SP6, if users sent messages from BlackBerry devices or received messages on the BlackBerry device that included ISO-2022-JP character encoding, the BlackBerry device did not encode the messages properly.  In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 171235	In BlackBerry Enterprise Server version 4.1 SP6, if your organization's messaging environment included Microsoft Exchange 2007, users could not send vCard attachments from their BlackBerry devices.  In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 179314	In BlackBerry Enterprise Server version 4.1 SP6, if your organization's messaging environment included Microsoft Exchange 2003 and 2007, users could not look up the availability of other users from the BlackBerry devices, if the other users had user accounts on the different Microsoft Exchange version.  In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 184848	In BlackBerry Enterprise Server version 4.1 SP4 and later, if your users had Microsoft® Outlook® 2007 installed and configured in cached mode, the users' BlackBerry devices shows the received icon for all sent items.  In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 200411	In BlackBerry Enterprise Server version 4.1 SP6, if you configured the BlackBerry Enterprise Server to support rich content messages, errors might occur after too many attempts to retrieve more of the message from the BlackBerry device.  In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 201275	In BlackBerry Enterprise Server version 4.1 SP5, the BlackBerry Messaging Agent queued an IT Policy Check only when a BlackBerry device was cradled at BlackBerry Desktop Manager and the IT Policy was updated.  In BlackBerry Enterprise Server version 4.1 SP6 MR2 and later, this issue is resolved.
SDR 172273	In Microsoft Outlook, if a user who had an account on a BlackBerry Enterprise Server forwarded a calendar appointment that had been updated, all of attendees were listed in the To field, and "FW:" was not included in the To field.  In BlackBerry Enterprise Server version 4.1 SP6 MR2 and later, this issue is resolved.
SDR 212050	In previous versions of the BlackBerry Enterprise Server, when users had contact names that included multiple French characters, the letters between the French characters were missing when viewed on their BlackBerry devices.  In BlackBerry Enterprise Server version 4.1 SP6, this issue is resolved.
SDR 217944	In BlackBerry Enterprise Server version 4.1 SP6 MR3, optimizations have been made to some MAPI calls related to wireless calendar synchronization.
SDR 178356	In BlackBerry Enterprise Server version 4.1 SP4 and later, if the BlackBerry Enterprise Server tried to file a message into a folder that did not exist, the BlackBerry device did not display an error message and the BlackBerry Enterprise Server did not write an error message to the log files.  In BlackBerry Enterprise Server version 4.1 SP6 MR3 and later, this issue is resolved.

BlackBerry Messaging Agent	
SDR 178403	<p>In BlackBerry Enterprise Server version 4.1 SP6, if you configured the BlackBerry Enterprise Server to monitor a folder with a folderid that exceeded the 2 byte threshold, the BlackBerry Enterprise Server synchronized the folder to the BlackBerry device, but could not synchronize messages in the folder.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR3 and later, this issue is resolved.</p>
SDR 219533	<p>In BlackBerry Enterprise Server version 4.1 SP6, a user could not turn off the redirection of sent messages from the BlackBerry device.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR3 and later, this issue is resolved.</p>
SDR 188618	<p>In BlackBerry Enterprise Server version 4.1 SP5 and later, in certain circumstances, a user could not view messages on the BlackBerry device that the BlackBerry Enterprise Server sent.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR3 and later, this issue is resolved.</p>
SDR 168709	<p>In BlackBerry Enterprise Server version 4.1 SP4, the BlackBerry device did not receive a calendar invitation over the wireless network if the invitation did not meet the requirements of a filter on the BlackBerry Enterprise Server.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.</p>
SDR 193477	<p>In BlackBerry Enterprise Server version 4.1 SP5 and later, if a user turned off wireless calendar synchronization on the BlackBerry device, after the BlackBerry Enterprise Server is restarted, wireless calendar synchronization is turned on again.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.</p>
SDR 196946	<p>In BlackBerry Enterprise Server version 4.1 SP6, the BlackBerry Enterprise Server did not remove calendar appointments that were orphaned when a meeting series was deleted.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.</p>
SDR 266939	<p>In BlackBerry Enterprise Server version 4.1 SP5 and later, if a BlackBerry device received a meeting invitation which included rich text formatting, the rich text formatting converted to plaintext when the user viewed the meeting invitation in the calendar.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.</p>
SDR 285661	<p>In BlackBerry Enterprise Server version 4.1 SP6, when a user with a Microsoft Outlook 2007 client replied to a HTML formatted message from a BlackBerry device, breaks in the message were removed.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved.</p>
SDR 132389	<p>In BlackBerry Enterprise Server version 4.1 SP3 or later, in certain circumstances, when a meeting recipient proposed a time change for a meeting, the meeting organizer was not able to view the proposal time grid in Microsoft Outlook.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 257362	<p>In BlackBerry Enterprise Server version 4.1 SP3 or later, in certain circumstances, if a meeting request was sent to a delegate of a user, the meeting did not appear in the user's calendar as tentative until the delegate performed an action on the meeting request in Microsoft Outlook.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 299431	<p>In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, when users created meetings from their BlackBerry devices, viewing the availability of invitees took a long time.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 302994	<p>In BlackBerry Enterprise Server version 4.1 SP6 MR3 or later, in certain circumstances, when users on a hosted BlackBerry Enterprise Server looked up addresses on their BlackBerry devices, no matches were returned.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 343744	<p>In BlackBerry Enterprise Server version 4.1 SP4 or later, in certain circumstances, the connection between the BlackBerry Messaging Agent and the BlackBerry Dispatcher dropped unexpectedly.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 334316	<p>In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, incorrect MAPI settings for wireless calendar synchronization might have caused performance issues.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR6, this issue is resolved.</p>
SDR 353296	<p>In BlackBerry Enterprise Server version 4.1 SP6 or later, in certain circumstances, when a user synchronized folders over the wireless network to a BlackBerry device, the BlackBerry device might have sent an information packet to the BlackBerry Enterprise Server that the BlackBerry Enterprise Server processed incorrectly. This might have turned off folder redirection for some of the user's folders.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6 MR7, this issue is resolved.</p>
BlackBerry Monitoring Service	
SDR 210995	<p>In BlackBerry Enterprise Server version 4.1 SP6, the BlackBerry Enterprise Server reported the BlackBerry 9000 series on a 3G network as "unknown", which caused the BlackBerry Monitoring Service to show the BlackBerry 9000 device users as "Filtered" and did not allow monitoring or reporting.</p> <p>In BlackBerry Enterprise Server version 4.1 SP6, this issue is resolved.</p>

**BlackBerry Policy Service**

SDR 205580	In BlackBerry Enterprise Server version 4.1 SP6, when different versions of the BlackBerry Enterprise Server were set up on the same BlackBerry Configuration Database, service books were resent to multiple users. In BlackBerry Enterprise Server version 4.1 SP6 MR2 and later, this issue is resolved.
SDR 184854	In BlackBerry Enterprise Server version 4.1 SP4 and later, in large environments, the BlackBerry Enterprise Server might cause a significant load on the BlackBerry Configuration Database when completing administrative tasks. In BlackBerry Enterprise Server version 4.1 SP6 MR5 and later, this issue is resolved. For more information, visit <a href="http://www.blackberry.com/support">www.blackberry.com/support</a> to read KB17869.

**BlackBerry Router**

*112526	In certain circumstances, if you configured a proxy server or firewall, the BlackBerry Router could not connect to the BlackBerry® Infrastructure after it stopped responding. In BlackBerry Enterprise Server version 4.1 SP6 MR8, this issue is resolved.
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**BlackBerry Synchronization Service**

SDR 186799	In BlackBerry Enterprise Server version 4.1 SP6, in certain circumstances, the activation process might stop responding when loading the time zone service books. In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
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**Logging**

SDR 200820	In BlackBerry Enterprise Server version 4.1 SP6, in certain circumstances, the log files would grow too quickly. In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
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**S/MIME Support Package for BlackBerry smartphones**

SDR 200654	In BlackBerry Enterprise Server version 4.1 SP6, if a signed S/MIME message included an attachment, the BlackBerry device could not verify the signature. In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.
SDR 201196	In BlackBerry Enterprise Server version 4.1 SP6, if a user forwarded or replied to a signed S/MIME message that included an inline image, the inline image was not sent. In BlackBerry Enterprise Server version 4.1 SP6 MR1 and later, this issue is resolved.

## Known Issues

Issues that are marked with an asterisk (\*) are new in this release.

**BlackBerry Messaging Agent**

SDR 220919	In BlackBerry Enterprise Server version 4.1 SP6 or later, if your organization's environment includes the 64-bit version of Windows Server®, the calendar synchronization tool might not work.
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