

# webMethods Universal Messaging 9.6 Readme

**April 2014**

This file contains important information you must read before using webMethods Universal Messaging 9.6. You can find additional information about Universal Messaging 9.6 on the [Software AG Documentation website](#). In addition, the following suite-related information is also available at that location:

*webMethods Product Suite Release Notes*  
*webMethods and Intelligent Business Operations System Requirements*  
*webMethods System Cache Specifications*  
*Using the Software AG Installer*  
*Installing webMethods and Intelligent Business Operations Products*  
*Using the Software AG Update Manager (fixes)*  
*Upgrading webMethods and Intelligent Business Operations Products*  
Product Documentation

You can find the following information in the Products section of the [Empower website](#):

Security Information  
Globalization Information

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## 1.0 Critical Information

This section lists the critical issues that were known when this readme was published. For critical information found later, go to the Knowledge Center portion of the [Empower website](#).

None.

## 2.0 Known Issues

This section lists issues that were known when this readme was published. For known issues found later, go to the Knowledge Center portion of the [Empower website](#).

- NUM-845  
The brokerjmsmigration.{bat/sh} JMS migration script resets the channel ACLs when it migrates the client groups that are already migrated from another Broker or the same Broker.  
The brokerjmsmigration.{bat/sh} JMS migration script migrates the Broker client groups as security groups to Universal Messaging. During JMS migration for a Broker topic or queue associated with a client group, the corresponding ACLs are updated in Universal Messaging for the migrated security group. When you migrate from another Broker or same Broker, if the source Broker contains a client group with the same name as the client group migrated earlier, the ACLs of the topics and queues that belong to the migrated client group are removed.  
For example, Broker1 contains clientgroup1, topic1, and topic2. Broker2 contains clientgroup1, topic3, and topic4.  
- When the JMS destinations from Broker1 are migrated, the channel ACLs for topic1 and topic2 will be set correctly in the Universal Messaging server.  
- When the JMS destinations from Broker2 are migrated, the channel ACLs for topic3 and topic4 will be set correctly in the Universal Messaging server. However, the channel ACL for topic1 and topic2 will be removed.  
To work around this issue, download and use the brokerjmsmigration.jar available from the [Software AG TECHcommunity](#).
- WIR-7012  
During installation, if you select the Universal Messaging node on the product selection tree, the installer automatically selects all UM child nodes (and other nodes that are required by those child nodes). One of the UM child nodes, Migration Utilities, requires many other nodes on the tree, and a significant amount of space on disk.  
To work around this issue, clear all selections on the tree and manually select only the child nodes under Universal Messaging that you need. Only select the Migration Utilities node if you are upgrading Universal Messaging from 9.0 or 9.5 to 9.6 or you are migrating from webMethods Broker to Universal Messaging.  
Note: Selecting the Migration Utilities nodes installs the Universal Messaging upgrade utility and the Broker to Universal Messaging migration utilities.

## 3.0 Usage Notes

This section highlights product limitations and changes to product behavior introduced in this release.

None.

## **4.0 Fixes and Enhancements**

This section describes the fixes and enhancements included in Universal Messaging 9.6.

### ***4.1 Fixes and Service Packs Included in This Release***

This section lists the fixes and service packs for previous releases that have been included into the current release. If only some issues in a fix or service pack have been included, that partially included fix or service pack is not listed here, and those issues are listed separately in [Section 4.2 Resolved Issues](#). See the Knowledge Center section of the [Empower website](#) for more information about fixes and service packs.

None.

### ***4.2 Resolved Issues***

This section lists issues that were resolved in this release and that are not included in the fixes and service packs listed in [Section 4.1 Fixes and Service Packs Included in This Release](#). These issues might have been resolved in a fix or service pack that was not included in its entirety into this release, or they might have been resolved since the last fix or service pack was released.

None.

### ***4.3 Enhancements***

For a detailed list of the enhancements included in Universal Messaging 9.6, see the Release Notes available on the Software AG Documentation website.

### ***4.4 Documentation Changes***

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

None.

### ***4.5 Terminology Changes***

This section lists terminology that has changed since the last full release of the product.

None.

## **4.6 Added, Removed, Deprecated, or Changed Items**

This section lists product functionality that has been added, removed, deprecated, or changed since the last full release of the product. Deprecated Built-In services and APIs are listed in the relevant sections that follow this one.

<b>Added Item</b>	<b>Description</b>
Java Transport API	To provide a broker-less style of messaging, Universal Messaging now contains a new API, <code>com.softwareag.um.io</code> , which exposes the underlying communication drivers used within the UM client and server, and enables direct synchronous and asynchronous communication between client applications using TCP/SSL sockets, SHM (shared memory), or RDMA protocols.
SASL Support	Universal Messaging now provides new security authentication features offering password authentication (Plain and Cram-MD5) via SASL. The UM server now accepts username and password credentials from the client, and enables administrators to lock down servers in accordance with specific pluggable providers configured on the UM server. These pluggable directory providers include User File (similar to <code>.htaccess</code> files) and LDAP.
MQTT Virtual Payload Types	Universal Messaging now provides MQTT users with the ability to define namespace roots where advanced namespace semantics can be applied. Specifically, the last part of the full topic namespace address can be used to publish / subscribe, indicating your preferred virtual payload type.

## **4.7 Added, Removed, Deprecated, or Changed Built-In Services**

This section lists Built-In services that have been added, removed, deprecated, or changed since the last full release of the product.

None.

## **4.8 Added, Removed, Deprecated, or Changed APIs**

This section lists APIs that have been added, removed, deprecated, or changed since the last full release of the product.

<b>Added API</b>	<b>Description</b>
<code>com.softwareag.um.io</code>	Provides direct, broker-less synchronous and asynchronous communication between client applications, using Universal Messaging TCP/SSL sockets, SHM (shared memory), or RDMA protocols.

## 5.0 Copyright Information

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## 6.0 Support

To obtain support for webMethods Product Suite components, refer to the following resources:

### [Empower website](#)

Visit the Empower website to learn about support policies and critical alerts, read technical articles and papers, download products, fixes, and service packs, submit feature/enhancement requests, and more.

### [Software AG Developer Community for webMethods](#)

Visit the Software AG Developer Community to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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