

IBM CICS TX on Cloud  
Version 10 Release 1

*Release Notes*



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This edition applies to Version 10 Release 1 of IBM CICS TX on Cloud (product number 5737-K69) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## About this book

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This document introduces you to the IBM® CICS® TX on Cloud V10.1, provides information on contents of the software package and lists the known problems and limitations.

## Who should read this book

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This document provides basic download related information for CICS TX on Cloud V10.1.

The following documents and related information pages can help you get started:

- CICS TX on Cloud V10.1 documentation at IBM Knowledge Center: [https://www.ibm.com/support/knowledgecenter/SSNAQ8\\_10.1.0](https://www.ibm.com/support/knowledgecenter/SSNAQ8_10.1.0)

## Conventions used in this book

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This document uses the following typographical, keying and product name conventions.

<b>Convention</b>	<b>What it stands for</b>
Monospace	Indicates text that you must enter at a command prompt. Monospace also indicates screen text and code examples.
<b>Bold</b>	Indicates values that you must use literally, such as commands, functions, and resource definition attributes and their values. When referring to graphical user interfaces (GUIs), bold indicates user action.
<i>Italics</i>	Indicates variable values that you must provide (for example, you supply the name of a file for <i>file_name</i> ). Italics also indicates emphasis and the titles of books or documents.
CICS TX on Cloud	Refers to CICS TX on Cloud V10.1.

## How to send your comments

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# Chapter 1. Contents of the software package

This chapter describes the contents of the IBM CICS TX on Cloud V10.1 software.

The following file is included as part of the CICS TX on Cloud V10.1 software package.

- CC2STEN.tar.gz

The directory structure in the folder are provided in [Table 2 on page 1](#).

<b>File name</b>	<b>Information</b>
<b>ReleaseNotes.pdf</b>	<b>Contains basic overview and information on files included.</b>
<b>ReleaseNotes.txt</b>	<b>Contains basic overview and information on files included, in accessible format.</b>
README.txt	Introduction to IBM CICS TX on Cloud.
ibm-cics-tx-on-cloud-docker-image-10.1.0.0.tar.gz	Docker container image for the product CICS TX on Cloud V10.1
ibm-cics-tx-on-cloud-helm-chart-10.1.0.0.tgz	Helm chart, samples and scripts for the product CICS TX on Cloud V10.1

See Knowledge Center for more details on configuration and usage.



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## Chapter 2. Product Overview

IBM CICS TX on Cloud is a mixed language application server built on top of the capabilities of IBM TXSeries® for Multiplatform V9.1 as a general purpose and robust transaction processor for cloud. It supports a subset of APIs and features of CICS Transaction Server. It provides cloud deployment options for suitable applications for either standalone deployment or in conjunction with CICS Transaction Server on z/OS® or TXSeries for Multiplatforms.

CICS TX on Cloud v10.1 supports:

- Containerization of applications using Docker technology.
- Orchestration using Kubernetes for deployment to cloud platform of your choice.
- Applications written in COBOL and C languages.
- Helm charts, to create, deploy, upgrade and decommission CICS TX application clusters.
- Workload balancing with optimized L7 load balancer.
- Elastic Stack for log monitoring, Prometheus for metrics monitoring and Grafana for metrics visualization and alerts.
- Global resources to minimize application changes on moving to cloud.



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## Chapter 3. Supported IBM and third-party products

IBM CICS TX on Cloud Version 10.1 is supported for use with a variety of IBM and third-party software products. Refer to the Web page at <https://www-01.ibm.com/support/docview.wss?uid=ibm10959581> for a complete list of the names and version numbers of all IBM and third-party products supported for use with CICS TX on Cloud.

**Note:** The list of supported products is updated periodically to show the most recent information.

IBM adheres to its published interfaces, in addition to the published interfaces of its partners. If you experience unanticipated interactions when using CICS TX on Cloud with a supported third-party product, contact your support representative from IBM and the third-party product vendor, as appropriate.



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## Chapter 4. Important notes and recommendations

The following important notes and recommendations helps you to work with the CICS TX on Cloud V10.1 better:

- CICS TX on Cloud V10.1 is supported in English locale only.
- CICS TX on Cloud V10.1 does not support SNA network based communication protocols. You can use IPIC protocol to communicate with CICS Transaction Server on z/OS.
- CICS TX on Cloud V10.1 supports single region in a container, per pod instance.
- Some of the Load Balancing metrics are cumulative in nature. See Load Balancing topic in Knowledge Center for more information.
- Though CICS TX on Cloud V10.1 containers run as non-root, deployment needs escalated privilege settings in the Helm chart.

For more information on the listed notes, see the CICS TX on Cloud V10.1 documentation in IBM Knowledge Center at [https://www.ibm.com/support/knowledgecenter/SSNAQ8\\_10.1.0](https://www.ibm.com/support/knowledgecenter/SSNAQ8_10.1.0).



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## Chapter 5. Limitations and known problems

The CICS TX on Cloud V10.1 has the following limitations. You can perform your tasks better by planning your activities keeping in mind the following:

- In case of REDIS connection failure, you will see messages like below, which do not convey the reason for failure. Check REDIS server connection details in such cases.

```
"Unsuccessful connect to global storage system with return code -6901296"
```

- As part of Health check, client induced RPC related error messages are seen in symrec log as indicated below. These messages have no impact on the runtime operations of the product.

```
{"TIME_STAMP": "05/31/19  
09:09:51.119824000", "REGION": "TXREGION", "PROD": "5724LX600", "LVLS": "920", "MOD": "@(#)  
terbm, 01:36:26, May 30  
2019", "FUNC": "TerBM_FlushTIOA", "LINE": "1136", "MS": "000000", "MSN": "101", "SRC": "11", "PRCS"  
: "94371851", "ABCODE": "", "SRVID": "102", "PID": "834", "TID": "1", "PROC": "cicasas", "secondary_symptoms"  
: "An RPC communication failure has occurred"}
```

- Communication through ppc tcp protocol is not supported.
- IPV6 is not supported.

For more information, see the CICS TX on Cloud V10.1 documentation in IBM Knowledge Center at [https://www.ibm.com/support/knowledgecenter/SSNAQ8\\_10.1.0](https://www.ibm.com/support/knowledgecenter/SSNAQ8_10.1.0).



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## Chapter 6. CICS TX on Cloud documentation

CICS TX on Cloud Version 10.1, supports only a subset of documentation in the PDF format. The books and plug-ins available in the documentation library for CICS TX on Cloud Version 10.1 are listed below.

The document that is on the Quick Start Guide is available in the following formats:

- **PDF**

Using the latest version of the Adobe Acrobat Reader or the Acrobat plug-in for your Web browser, you can view, search, or print the PDF documentation. (The Adobe Acrobat Reader with Search Option can be downloaded from the Web at no charge.)

For more information about other sources of information about CICS TX on Cloud, see [“Information on the World Wide Web \(WWW\)”](#) on page 11.

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### The documentation library for CICS TX on Cloud

This section shows other documentation that is available for CICS TX on Cloud Version 10.1.

Form number	Document name	Document description
GC34-7380	Messages and Codes	Lists and describes all messages and codes that can be issued by a CICS TX on Cloud system.

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### Information on the World Wide Web (WWW)

Online Knowledge Center [https://www.ibm.com/support/knowledgecenter/SSNAQ8\\_10.1.0](https://www.ibm.com/support/knowledgecenter/SSNAQ8_10.1.0)

Other useful Web sites include the following:

- The IBM Publications Catalog Web site (<http://www.elink.ibm.com/public/applications/publications/cgi-bin/pbi.cgi>). Use this site to search for viewing, downloading, or ordering documents that are related to CICS TX on Cloud. Some of these documents are referred to from the books that are supplied with CICS TX on Cloud. You can also order these books from an IBM branch office that is serving your area. When ordering, please refer both to the title of the book and to the IBM order number.
- The IBM Learning Services and Worldwide Information Web sites (<http://www.ibm.com/services/learningandhttp://www.ibm.com>). Use these sites to find the courses that are offered for CICS TX on Cloud and related topics. You can get information about courses and whether they are available in your area by using these Web sites, by calling 1-800-IBM-TEACH (1-800-426-8322), or by contacting your IBM representative.



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