



# CTX-User-Access- Management Deployment Plan

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## Versions

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### Document Revisions

The following revisions have been made to this document

Date	Revision	Notes
04/01/2019	1.0	First release

### Module Versions

This version of the CTX-User-Access-Management deployment plan is relevant up to version 1.0 of the CTX-User-Access-Management module.

## Preface

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### About this Manual

This document provides a guide on how to deploy the CTX-User-Access-Management module in your Cortex system.

### Audience

This document is intended for those who require the use of CTX-User-Access-Management module.

### Related Material

Document
CTX-User-Access-Management – User Guide
CTX-User-Access-Management.studiopkg
CTX-UserAccessManagement-Install.sql
CTX-User-Access-Management – User Guide
CTX-Vista-User-Management.studiopkg

### Abbreviations used in this Document

<b>SQL</b>	Structured Query Language
<b>SSMS</b>	SQL Server Management Studio

## 1 Requirements

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This document details all the steps required to deploy the CTX-User-Access-Management module.

### Requirements:

- Remote Desktop Access to the Cortex Application Server
- Minimum Cortex v6.4 installed on the Cortex Application Server
- Access to the SQL Server instance
- SQL user must have SysAdmin authorisation on the SQL Server instance
- Minimum SQL Server 2012 (version 11.0.7001.0) installed on the Cortex Database Server

### Optional:

 Only required if the User Access Management modules needs to be used with Cortex Vista Security

- CTX-Vista-User-Management installed on the Cortex Application Server

## 2 Import CTX-User-Access-Management

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To deploy the CTX-User-Access-Management module on your Cortex system, CTX-User-Access-Management Studio Package needs to be imported on your Cortex system. To do this:

- Download the CTX-User-Access-Management Studio Package
- Import the Studio Package in Cortex Gateway
- Ensure the relevant users have the required permissions in 'Studio Authorisation'

After this, all users in the authorised groups will be able to view and execute the subtasks.

### 3 Deploy Cortex-UserAccessManagement Database

#### 3.1 Overview


For the flows and subtasks to work in the CTX-User-Access-Management module, the Cortex User Access Management database and schema needs to exist on the server containing the Cortex databases. The following steps instruct you how to deploy the database and schema.

#### 3.2 Create Database

- 1 Open Remote Desktop Connection to the Cortex database server
- 2 Copy the 'Cortex-UserAccessManagement-Install.sql' script to the Cortex database server
- 3 Open 'Cortex-UserAccessManagement-Install.sql' in SQL Server Management Server (SSMS) and connect to the DB engine where the query should be executed (this is where Cortex DBs are hosted).
- 4 Replace the SQL command variables as required:

```
:setvar CortexDBUser "AD\CTX_CerberusDB"
:setvar DatabaseName "Cortex-UserAccessManagement"
:setvar DefaultFilePrefix "Cortex-UserAccessManagement"
```

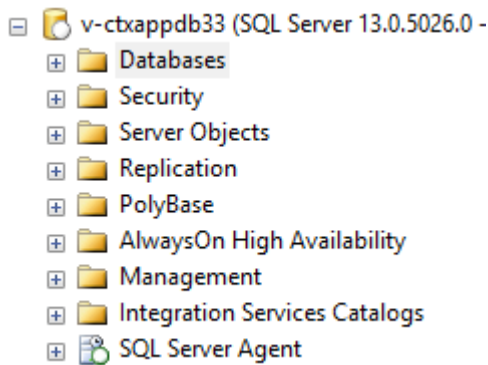
Variable	Description
CortexDBUser	The Cortex Database Interface username on your Cortex system. Example: AD\CTX_CerberusDB
DatabaseName	The User Access Management database name. It is advised to leave the default value 'Cortex-UserAccessManagement'. Changing this values required updating the module flows/subtasks default values.
DefaultFilePrefix	The User Access Management database name. It is advised to leave the default value 'Cortex-UserAccessManagement'. Changing this values required updating the module flows/subtasks default values.

- 5 Click on **Query** -> **SQLCMD Mode** and execute the query  
 The Data and Log folders will be created in the database default locations
- 6 On the messages panel, you should see no errors on the messages and the below text

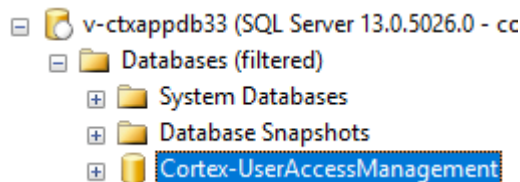
```

Messages
Creating Cortex-UserAccessManagement...
Creating [SOTONLAB\CTX_CerberusDB]...
Creating [dbo].[Activity]...
Creating [dbo].[Session]...
Creating [dbo].[User]...
Creating [dbo].[FK_Activity_Session]...
Creating [dbo].[FK_Authtoken_User]...
Creating [dbo].[ActivityVisibility]...
Creating [dbo].[ActivityVisibility].[MS_DiagramPaneCount]...
Creating [dbo].[ActivityVisibility].[MS_DiagramPanel]...
The transacted portion of the database update succeeded.
Update complete.
    
```

- 7 In the left-hand panel, click the plus to the left of 'Databases' to expand 'Databases'



- 8 Right click 'Databases' and click 'Refresh'.
- 9 Validate the 'Cortex-UserAccessManagement' database has been created.



- 10 Expand 'Cortex-UserAccessManagement'
- 11 Expand 'Tables'
- 12 Expand 'Views'
- 13 Validate the tables and views shown below are present



