CTX-Logging Deployment Plan

Contents

Versions

Document Revisions

The following revisions have been made to this document

Date	Revision	Notes
04/12/2018	1.0	First release

Module Versions

This version of the CTX-Logging deployment plan is relevant up to version 1.0 of the CTX-Logging module.

Preface

About this Manual

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

Audience

This document is intended for those who require the use of CTX-Logging module.

Related Material

Document
CTX-Logging – User Guide
CTX-Logging.studiopkg
Cortex-Logging-Install.sql

Abbreviations used in this Document

SQL Structured Query Language

DB Database

1   Requirements

This document details all the steps required to deploy the CTX-Logging module.

Requirements:

- Remote Desktop Access to the Cortex Application Server

- Remote Desktop Access to the Cortex Database Server

- Minimum Cortex v6.4 installed on the Cortex Application Server

- Minimum SQL Server 2012 (version 11.0.7001.0) installed on the Cortex Database Server

2 Import CTX-Logging

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

- Download the CTX-Logging 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-Logging Database

3.1   Overview

For the CTX-Logging module to work, the Cortex-Logging database along with the schema must exist on the server where the Cortex databases exist. 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-Logging-Install.sql' script to the Cortex database server

3   Open 'Cortex-Logging-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-Logging"

:setvar DefaultFilePrefix "Cortex-Logging"
```

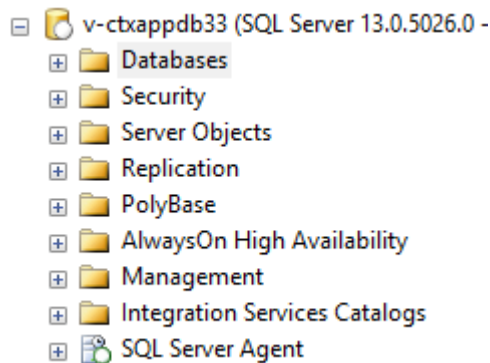| Variable	Description
CortexDBUser	The Cortex Database Interface username on your Cortex system. Example: AD\CTX_CerberusDB
DatabaseName	The User Access Management database name. It is advised to leave the default value 'Cortex-Logging'. Changing this value require updating the module flows/subtasks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

5   Click on *Query* -> *SQLCMD Mode* and execute the query

6   On the messages panel, you should see no errors on the messages and the below text
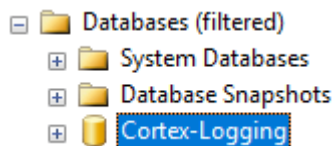
```
Messages
  Creating Cortex-Logging...
  Creating [SOTONLAB\CTX_CerberusDB]...
  Creating [dbo].[EventLog]...
  Creating [dbo].[ParameterLog]...
  Creating [dbo].[ProcessLog]...
  Creating [dbo].[ServiceLog]...
  Creating [dbo].[StageLog]...
  Creating [dbo].[FK_EventLog_StageLog]...
  Creating [dbo].[FK_ParameterLog_EventLog]...
  Creating [dbo].[FK_ProcessLog_ServiceLog]...
  Creating [dbo].[FK_StageLog_ProcessLog]...
  Creating [dbo].[usp_AddParameters]...
  Creating [dbo].[usp_CommitLog]...
  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-Logging' database has been created.

10   Expand 'Cortex-Logging'

11   Expand 'Tables'

12   Expand 'Programmability' > 'Stored Procedures'

13   Validate the tables and stored procedures shown below are present

- □ Cortex-Logging
  - ⊞ Database Diagrams
  - □ Tables
    - ⊞ System Tables
    - ⊞ FileTables
    - ⊞ External Tables
    - ⊞ dbo.EventLog
    - ⊞ dbo.ParameterLog
    - ⊞ dbo.ProcessLog
    - ⊞ dbo.ServiceLog
    - ⊞ dbo.StageLog
  - ⊞ Views
  - ⊞ External Resources
  - ⊞ Synonyms
  - □ Programmability
    - □ Stored Procedures
      - ⊞ System Stored Procedures
      - ⊞ dbo.usp_AddParameters
      - ⊞ dbo.usp_CommitLog