

Functional Design Document

< ECR– SQL Server管理帳號限縮存取>

Version:

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| --- | --- |
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**DOCUMENT CONTROL**

**UT Owners and Approvers:**

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| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Jacky | Developer |  |

**SIT Owners and Approvers:**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | Leo | QC IT |  |
|  | Kevin | Develop leader |  |

**UAT Owners and Approvers:**

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| --- | --- | --- | --- |
| Date | Name | Position | Signature |
|  | N/A | User |  |
|  | Kevin | Develop leader |  |

**Golden Transaction Owners and Approvers:**

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| Date | Name | Position | Signature |
|  | N/A | User |  |
|  | Kevin | Develop leader |  |

**Go-Live Owners and Approvers:**

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| Date | Name | Position | Signature |
|  | Kevin | IT manager |  |

ECR sign off table:



**Document Version Numbering**

Document versions numbered ‘0.01, 0.02 etc’ are draft status and therefore can be changed without formal change control. Once a document has been formally approved and issued it is version numbered ‘Version 1.0’ and subsequent releases will be consecutively numbered, following formal change control. The version number appears in the footer of every page.**Table Of Contents**

Part 1 – Purpose 5

Part 2 – Requirements 5

1.1 Request 5

1.2 UT Test Cases 6

1.3 SIT Test Cases 7

1.4 Business Case 7

1.5 Boundaries and Constraints 7

Part 3 – Contacts (as appropriate) 7

# Part 1 – Purpose

因應資安要求針對設備(WES、ECaps、Sorter)SQL Server管理員帳號新增登入人員限制(白名單)。

# Part 2 – Requirements

## Request

新增白名單清單，限制登入來源IP。

修改範圍：WES、ECaps、Sorter

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 設備 | IP |  | 設備 | IP |
| WES | 192.168.1.134 |  | Sorter | 192.168.1.171 |
| ECaps1 | 192.168.1.41 |  | ECaps2 | 192.168.1.42 |
| ECaps3 | 192.168.1.43 |  | ECaps4 | 192.168.1.44 |
| ECaps7 | 192.168.1.57 |  | ECaps8 | 192.168.1.58 |

## To-be

一張含有 文字, 螢幕擷取畫面, 圖表, 行 的圖片

自動產生的描述

### 白名單

資料庫：Master

資料表：Whitelist

|  |  |  |
| --- | --- | --- |
| **資料表建立語法** | **資料內容新增語法** | **資料內容** |
|  |  |  |

### 登入紀錄

資料庫：Master

資料表：LoginLog

|  |
| --- |
| **資料表建立語法** |
|  |

### 登入檢核

伺服器物件>觸發程序

一張含有 文字, 螢幕擷取畫面, 字型, 數字 的圖片

自動產生的描述

觸發程序：LoginRestrictions

**＊請注意此類觸發程序若有任何錯誤將造成資料庫無法登入**

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| --- |
| **觸發程序建立語法** |
|  |

### 登入紀錄刪除

資料庫：WES.SJOB

預存：LoginLogRemoval

|  |
| --- |
| **預存建立語法** |
|  |

作業排程：[ON]LoginLogRemoval\_1D\_Jacky

執行時間：每晚0點

|  |
| --- |
| **排程建立語法** |
|  |

## UT Test Cases

人員: Jacky

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **項次** | **測試情境** | **預計結果** | **結果** | **備註** |
| 1 | 非白名單測試登入 | 拒絕登入 | PASS |  |
| 2 | 白名單測試登入 | 允許登入 | PASS |  |

一張含有 文字, 螢幕擷取畫面, 軟體, 數字 的圖片

自動產生的描述

## SIT Test Cases

N/A

## UAT Test Cases

N/A

## Business Case

僅針對(WES、ECaps、Sorter)資料庫進行限制。

## Boundaries and Constraints

非WES、ECaps、Sorter資料庫範圍內不再此限。

# Part 3 – Contacts (as appropriate)

|  |  |  |  |
| --- | --- | --- | --- |
| Role | Name | Email | Phone |
| Developer-data source | JackyHsu | JackyHsu@eslite.com |  |
|  |  |  |  |