



## Functional Design Document

< ECR- SQL Server管理帳號限縮存取 >

Version:

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Date	Version	Authors	Comments/Description of Change
2023/11/29	1.0	JackyHsu	<i>Initial the document</i>

**DOCUMENT CONTROL****UT Owners and Approvers:**

Date	Name	Position	Signature
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**SIT Owners and Approvers:**

Date	Name	Position	Signature
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**UAT Owners and Approvers:**

Date	Name	Position	Signature
	N/A	User	
	Kevin	Develop leader	

**Golden Transaction Owners and Approvers:**

Date	Name	Position	Signature
	N/A	User	
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**Go-Live Owners and Approvers:**

Date	Name	Position	Signature
	Kevin	IT manager	Kevin

ECR sign off table:

維護ECR適用(eWMS)	Executor	Validate Endorsement					
		設計者	開發者	QC IT	使用者	開發主管	資訊主管
流程/文件	執行者						
COS	Solution	✓	✓		✓	✓	✓
UT/FDD	Developer		✓			✓	
SIT	Developer			✓		✓	
UAT	QC				✓	✓	
Golden transaction	QC				✓	✓	
Go-live	Developer						✓

**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.

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## 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

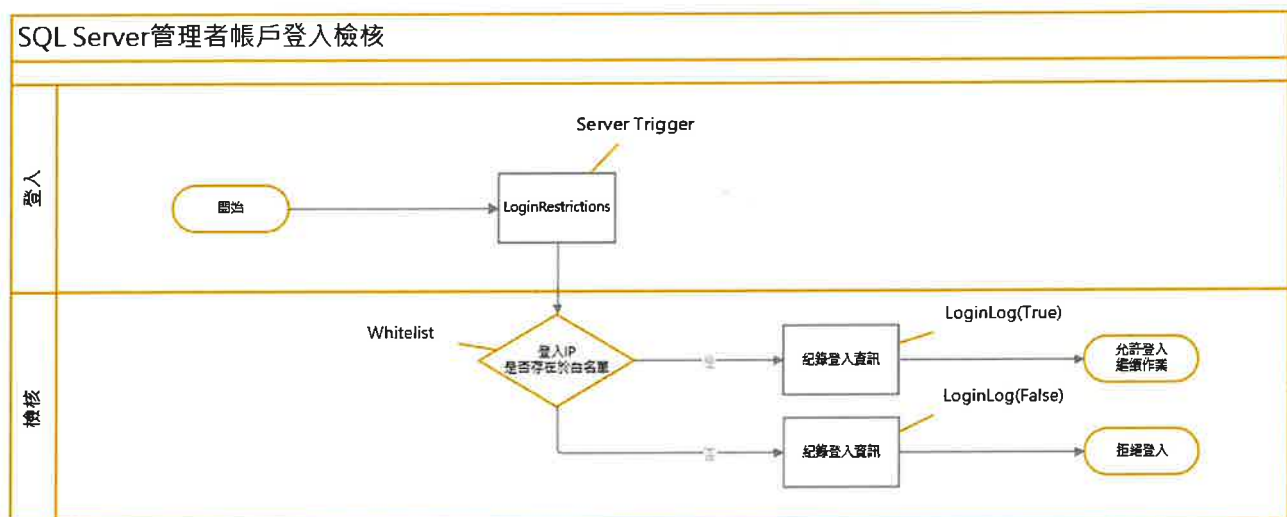
### 1.1 Request

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




### 1.2 To-be



#### 1.2.1 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
 Whitelist.sql	 白名單資料寫入.sql	 SQL白名單.xlsx

## 1.2.2 登入紀錄

資料庫：Master

資料表：LoginLog



## 1.2.3 登入檢核

伺服器物件&gt;觸發程序



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

## 1.2.4 登入紀錄刪除

資料庫：WES.SJOB

預存：LoginLogRemoval



作業排程：[ON]LoginLogRemoval\_1D\_Jacky

執行時間：每晚0點



### 1.3 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	

EDLWMS	3-11-29 10..
EDL_Gate	3-11-29 10..
HjData_T	3-11-29 10..

### 1.4 SIT Test Cases

N/A

### 1.5 UAT Test Cases

N/A

### 1.6 Business Case

僅針對(WES、ECaps、Sorter)資料庫進行限制。

### 1.7 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	

