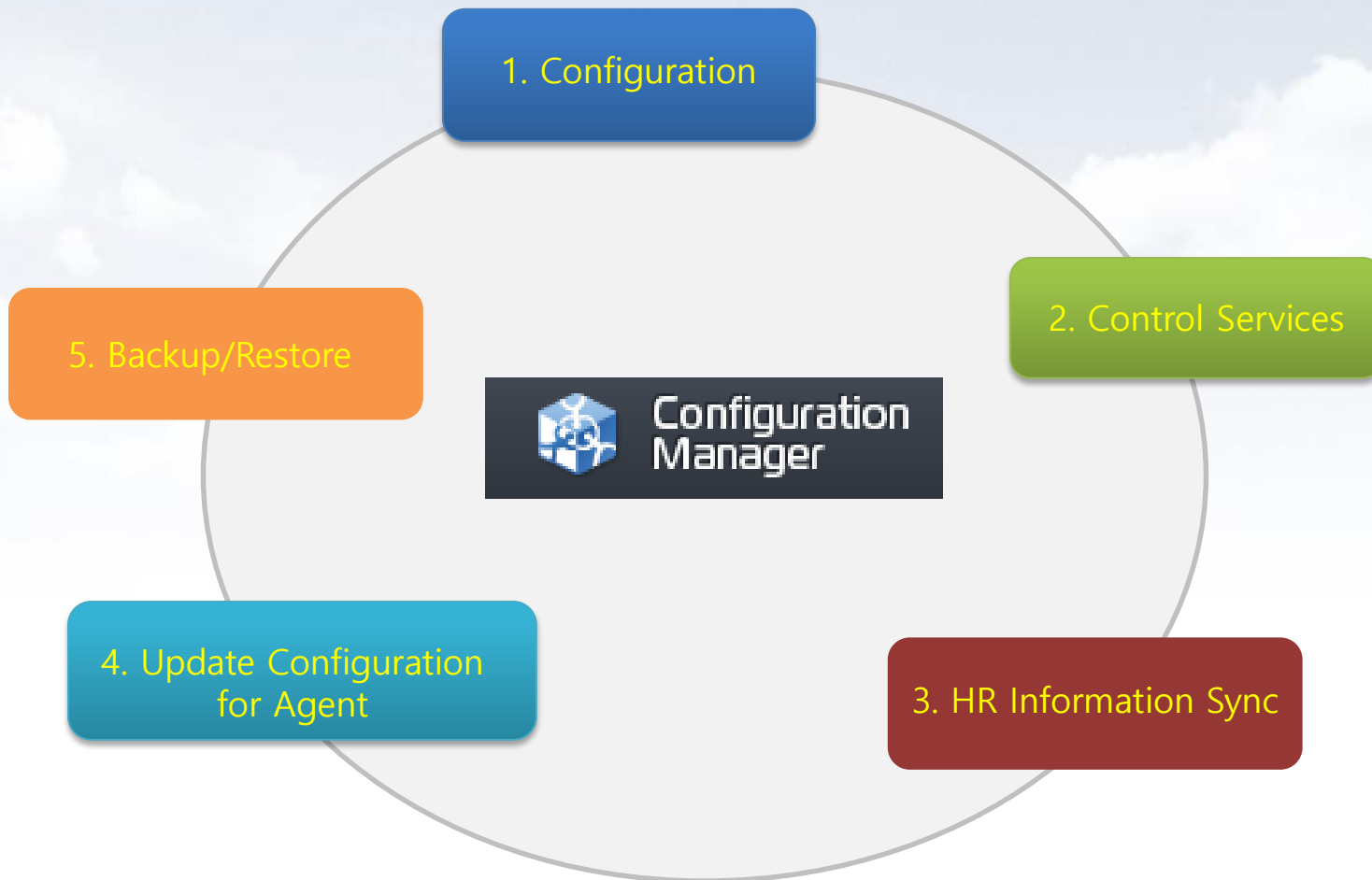




Data Loss Prevention





CONTENTS

- I. Structure
- II. General Setup the Server
- III. Specific Setup the Server
- IV. CM Access
- V. License
- VI. Common
- VII. Privacy-i
- VIII. Common
- IX. System Setting

SOMANSA / Privacy-i / CM



I. Structure

- Main Module, flow chart and port information used by Mail-i

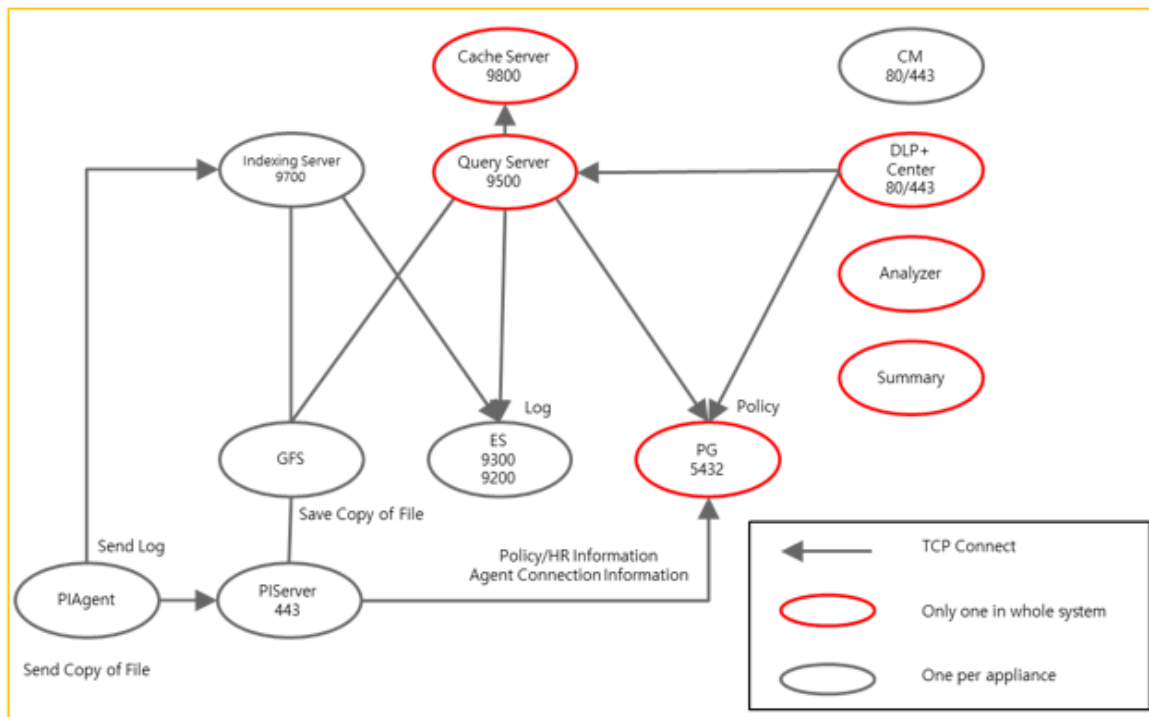
- **PIServer (Privacy-i Server)** : Existing functions of version 5.0 except incident log process, such as login / policy / HR(Human Resource) information / decide information / remote command, etc. , are provide to PIServer

- **CM(Configuration Manager)** : provides web based user interface for the operation and control of the product such as database configuration, PIServer execution and termination.

- **DLP+Center** : provides web based user interface for tasks such as incident (log) view, policy management and reports and so on.

- **Query Server** : views the incidents and deliver the policies and HR data to the PIServer.

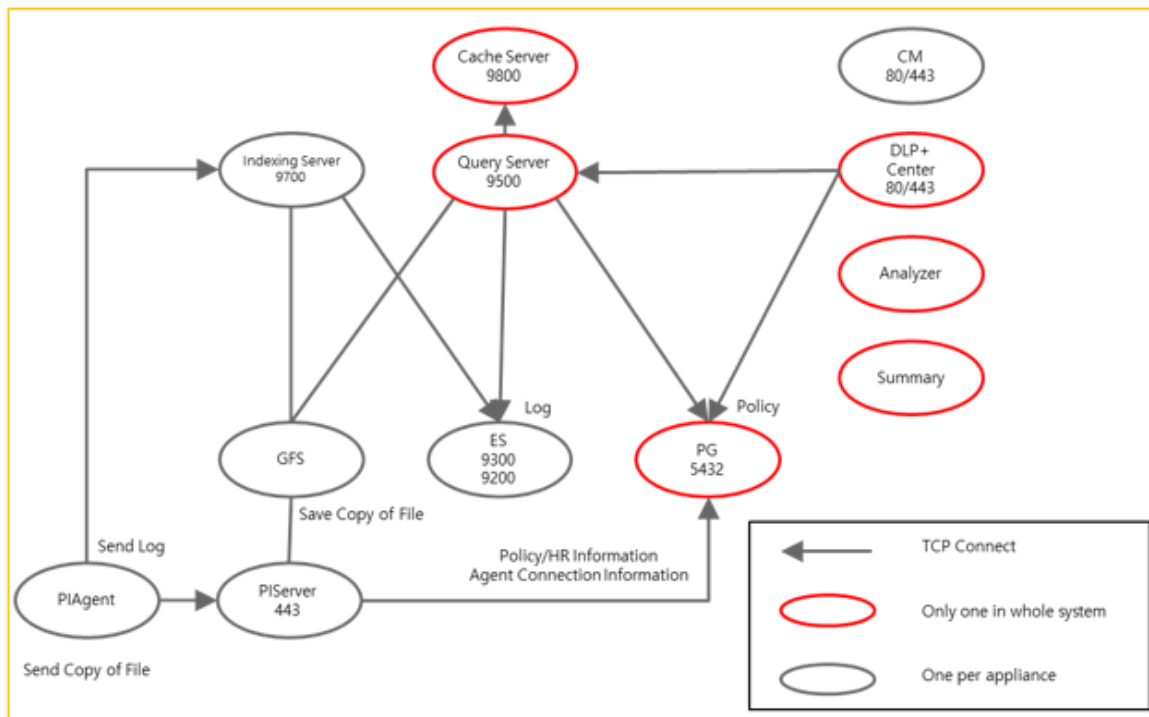
- **Indexing Server (Indexer)** : saves the incident an PIServer has created in ElasticSearch.





I. Structure

- **Cache Server (Redis)** : works as a temporary storage for viewed incidents.
- **SMSAnalyzer** : detects data patterns such as resident registration numbers from the saved incidents (Content/Attachment files).
- **SMSSummary** : performs scheduled summary task for incidents with patterns.
- **ElasticSearch (henceforth ES)** : saves the incidents in the form of an index.
- **GlusterFS (henceforth GFS)** : saves the attachment file of the incidents.
- **PostgreSQL** : saves system configuration, HR data, policies, data mining (reports) and audit logs.





I. Structure

All-in-one
CM (Configuration Manager)
Indexer (Tomcat_indexer)
PIServer
Elasticsearch
GlusterFS
Queryserver (Tomcat_queryserver)
DLP+Center
Redis
Postgresql
SMSAnalyzer
SMSSummary

PIServer
CM (Configuration Manager)
Indexer (Tomcat_indexer)
PIServer
Elasticsearch
GlusterFS
Storage
CM (Configuration Manager)
Queryserver (Tomcat_queryserver)
Elasticsearch
GlusterFS
DLP+Center
Redis
Postgresql
SMSAnalyzer
SMSSummary

PIServer
CM (Configuration Manager)
Indexer (Tomcat_indexer)
PIServer
Elasticsearch
GlusterFS
Main Storage
CM (Configuration Manager)
Queryserver (Tomcat_queryserver)
Elasticsearch
GlusterFS
DLP+Center
Redis
Postgresql
SMSAnalyzer
SMSSummary
Sub Storage
Elasticsearch
GlusterFS



II. General Setup the Server

1. Configuration Manage IP

- recommend manage IP set up for eth0

- 1) Connect server
- 2) Edit for vi editor : vi
/etc/sysconfig/network-scripts/ifcfg-eth0
- 3) Change the IPADDR, NETMASK,
GATEWAY, ETC

2. Change Server Local Time

- 1) *cp /usr/share/zoneinfo/"YOUR TIME"
/etc/localtime*

3. Change Hostname

- hostname must be unique

- 1) Move to path : *cd /hyboost/init*
- 2) Execute script : *./all.init.sh*

```
DEVICE=eth0
HWADDR=08:00:27:07:0F:09
TYPE=Ethernet
UUID=71ade838-0cff-424f-91eb-acf9eb620724
NM_CONTROLLED=yes
ONBOOT=yes
BOOTPROTO=none
IPADDR=192.168.1.111
GATEWAY=192.168.1.1
DNS1=8.8.8.8
DNS2=8.8.8.8
NETMASK=255.255.255.0
USERCTL=no
PEERDNS=yes
IPV6INIT=no
```

```
[root@hello sysadmin]# date
Thu Jul 20 14:38:44 PDT 2017
[root@hello sysadmin]# cp /usr/share/zoneinfo/Asia/Seoul /etc/localtime
cp: overwrite `/etc/localtime'? y
[root@hello sysadmin]# date
Fri Jul 21 06:38:50 KST 2017
[root@hello sysadmin]#
```



III. Specific Setup the Server

1. All-in-one

- If you run the *all-init.sh*, no further configuration is required.

```
Changing hostname must be done before serviced in site.
We don't have any responsibility for changing hostname when it is on service.
There will be problem with those type of hostname. Type the new hostname to use.
- Don't use _ or space inside the hostname.

hostname : sky

===== Check HostName =====
The hostname you entered is [ sky ]
Do you want to continue?
y. yes
n. no
>> y

127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4 sky
192.168.1.116 sky

===== Restarting Postgresql =====
Stopping postgresql-9.3 service: [ OK ]
Starting postgresql-9.3 service: [ OK ]

===== QueryServer Reconfigure =====
Check QueryServer : ip=https://sky

===== ES/GFS Reconfigure =====
>>>>> WARNING <<<<<<
ES/GFS Reconfigure is only required for All-in-One System.
If it's multi-node(storage) system or system that agent and storage is separated,
check for the elasticsearch/glusterfs guide.
Have you understand the warning and going to continue reconfiguration ? (y/n)
>> y

===== Elasticsearch Reconfigure =====
Stopping elasticsearch: [ OK ]
node.name: 'sky'
discovery.zen.ping.unicast.hosts: ['sky:9300']
network.host: ['sky','localhost']
Starting elasticsearch: [ OK ]

===== GlusterFS Reconfigure =====
```




III. Specific Setup the Server

2. PIServer 1 + Storage 1

2.1 Hostname

- 1) Edit for vi editor : `vi /etc/hosts`
- 2) At the bottom, enter IP and hostname of each server (Applies to all servers)

```
127.0.0.1    localhost localhost.localdomain
192.168.1.112  PIServer
192.168.1.113  storageserver
```

2.2 ES of PIServer

- 1) Edit for vi editor : `vi /etc/elasticsearh/elasticsearh.yml`
- 2) At the bottom, change value (node.master:true, node.data:false)
- 3) Add Storage server host (discovery.zen.ping.unicast.hosts:['PIServerhost:9300','storagehost:9300'])

```
node.name: 'PIServer'
discovery.zen.ping.unicast.hosts: ['PIServer:9300','storageserver:9300']
network.host: ['PIServer','localhost']
path.repo: ['/somansa/backup/maili','/somansa/backup/wk','/somansa/backup']
index.max_result_window: 2147483647
index.query.bool.max_clause_count: 4096
node.master: true
node.data: false
```

2.3 ES of Storage Server

- 1) Edit for vi editor : `vi /etc/elasticsearh/elasticsearh.yml`
- 2) At the bottom, change value (node.master:true, node.data:true)
- 3) Add Storage server host (discovery.zen.ping.unicast.hosts:['PIServerhost:9300','storagehost:9300'])
- 4) ES service of PIServer and Storage Server restart

```
node.name: 'storageserver'
discovery.zen.ping.unicast.hosts: ['PIServer:9300','storageserver:9300']
network.host: ['storageserver','localhost']
path.repo: ['/somansa/backup/maili','/somansa/backup/wk','/somansa/backup']
index.max_result_window: 2147483647
index.query.bool.max_clause_count: 4096
node.master: true
node.data: true
```



III. Specific Setup the Server

2.4 GFS of Storage Server

- 1) Move to path : `cd /hyboost/init`
- 2) Execute script : `/gfs.setting.sh`
 - a. Select **1.GlusterFS All-in-one System**

```
==== GlusterFS Setting Service ====
!!!!After the script starts, the data is initialized!!!!
1. GlusterFS All-in-one System
2. GlusterFS Multi System ( Multi System )
3. GlusterFS Add Brick
4. Stop
>> 1
```

2.5 GFS of Agent Server

- 1) Move to path : `cd /hyboost/init`
- 2) Execute script : `/gfs.connect.sh`
 - a. Insert Storage Server hostname

```
==== GFS linked Storage Server ====
Please enter Hostname for Storage Server
hostname: Mainstorage
Storage Hostname is [ Mainstorage ]
Do you want to continue?
y.Yes
n.No
>>y
```



III. Specific Setup the Server

3. Agent 2 + Storage 2

3.1 Hostname

- 1) Edit for vi editor : `vi /etc/hosts`
- 2) At the bottom, enter IP and hostname of each server (Applies to all servers)

```
127.0.0.1 localhost localhost.  
192.168.1.8 Mainstorage  
192.168.1.9 Substorage  
192.168.1.10 PIServer1  
192.168.1.11 PIServer2
```

3.2 ES of PIServers

- 1) Edit for vi editor : `vi /etc/elasticsearch/elasticsearch.yml`
- 2) At the bottom, change value (node.master:true , node.data:false)
- 3) Add Storage server host (network.host:['PIServerhost1:9300', 'PIServerhost2:9300','storagehost1:9300', 'storagehost2:9300'])

```
node.name: 'PIServer1'  
discovery.zen.ping.unicast.hosts: ['PIServer1:9300','PIServer2:9300','Mainstorage:9300','Substorage:9300']  
network.host: ['PIServer1','localhost']  
path.repo: ['/somansa/backup/maili','/somansa/backup/wk','/somansa/backup/pvi']  
index.max_result_window: 2147483647  
index.query.bool.max_clause_count: 4096  
node.master: true  
node.data: false
```



III. Specific Setup the Server

3.3 ES of Storage Servers

- 1) Edit for vi editor : `vi /etc/elasticsearch/elasticsearch.yml`
- 2) At the bottom, change value (node.master:true , node.data:true)
- 3) Add Storage server host (discovery.zen.ping.unicast.hosts:[*'PISeverhost1:9300'*, *'PISeverhost2:9300'*, *'storagehost1:9300'*, *'storagehost2:9300'*, 'localhost'])
- 4) ES service of PIServer and Storage Server restart

```
node.name: 'Mainstorage'  
discovery.zen.ping.unicast.hosts: ['PIServer1:9300', 'PIServer2:9300', 'Mainstorage:9300', 'Substorage:9300']  
network.host: ['Mainstorage', 'localhost']  
path.repo: ['/somansa/backup/maili', '/somansa/backup/wk', '/somansa/backup/pvi']  
index.max_result_window: 2147483647  
index.query.bool.max_clause_count: 4096  
node.master: true  
node.data: true
```



III. Specific Setup the Server

3.4 GFS of Main Storage Server

- 1) Service glusterd start
- 2) Move to path : `cd /hyboost/init`
- 3) Execute script : `/gfs.init.sh`
- 4) Execute script : `/gfs.setting.sh`
 - a. Select **2. GlusterFS Multi System**
 - b. Select **y. Add Brick Service Start**
 - c. Insert Storage Count 1
 - d. Insert Sub Storage hostname and IP

※ If more storage server exist, please add the below step
- 5) Execute script : `/gfs.setting.sh`
 - 1) Select **3. GlusterFS Add Brick**
 - 2) Insert Storage Count 1 or more
 - 3) Insert Sub Storage hostname and IP
- 6) How to check
 - 1) Gluster volume info
 - 2) Gluster volume status
 - 3) Gluster peer status

```
[root@Mainstorage init]# ./gfs.init.sh
umount: /somansa/data/gfs_data: not mounted
Stopping volume will make its data inaccessible. Do you want to continue? (y/n) y
volume stop: gfs_volume: failed: Volume gfs_volume does not exist
Deleting volume will erase all information about the volume. Do you want to continue? (y/n) y
```

```
==== GlusterFS Setting Service ====
!!!!After the script starts, the data is initialized!!!!
1. GlusterFS All-in-one System
2. GlusterFS Multi System ( Multi System )
3. GlusterFS Add Brick
4. Stop
>> 3

==== GlusterFS Add Brick ====
Do you want to add a brick to the volume?
y. Add Brick Service Start
n. stop
>> y

How many additional storage would you like to add?
Storage Count >> 1

Please enter the hostname of the additional storage.
Hostname : Substorage
Please enter the IP of the hostname.
IPADDR : 192.168.3.10
```



III. Specific Setup the Server

3.5 GFS of other Storage Server

- 1) Service glusterd start

```
[root@Substorage ~]# service glusterd restart
Starting glusterd: [ OK ]
```

3.6 GFS of PIServers

- 1) Move to path : `cd /hyboost/init`
- 2) Execute script : `/gfs.connect.sh`

```
==== GFS linked Storage Server ====
Please enter Hostname for Storage Server
hostname: Mainstorage
Storage Hostname is [ Mainstorage ]
Do you want to continue?
y.Yes
n.No
>>y
```

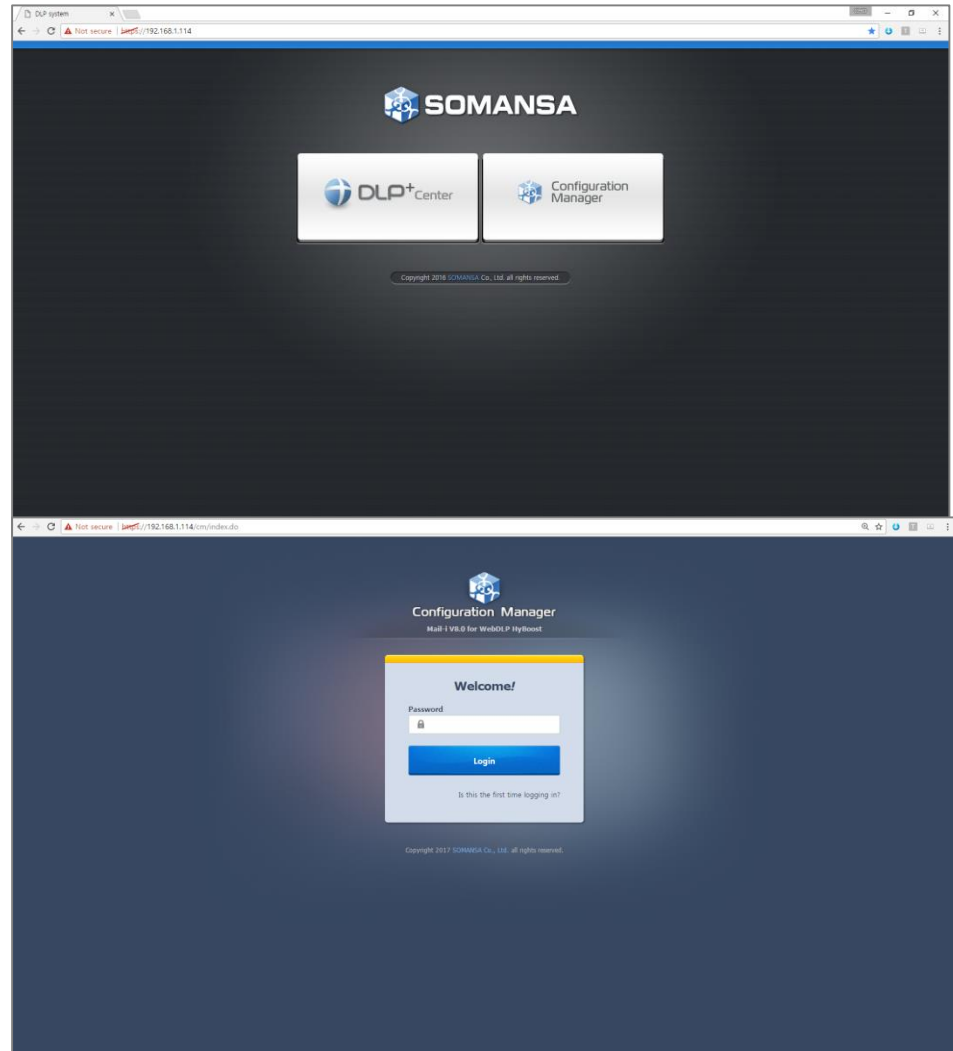


IV. CM (Configuration Manager) Access

1. Access the CM

- 1) The management console.
- 2) Enter the <https://IPAddress> in web browser
- 3) Click the **Configuration Manager**

2. Login





V. License

1. License Update

- Without a license, CM can't be set-up

- 1) Select **Setting** button
- 2) Click **Choose File** and Select **License File**
- 3) Click **Choose File** and Select **Serial File**
- 4) Click **Update**
- 5) Restart CM

License Update

License File	<input type="button" value="Choose File"/> No file chosen
Serial File	<input type="button" value="Choose File"/> No file chosen
Memo (Optional)	<input type="text"/> <input type="button" value="Update"/>

Unrenewed license file will be backed up in the folder of the renewed date.
This memo can be checked from the Audit logs.



VI. Common

1. DB Connection

- Postgresql default Port is 5432.
- All-in-one structure. If you have separate DB Storage, connection to DB Storage.

- 1) Select **Common > General Settings > Database**
- 2) Enter Connection Settings
- 3) Click **Check Connection**
- 4) Click **OK**

2. Generate Schema

- 1) Check DLP+ Center and click **Generate**
- 2) Check Mail-i and click **Generate**

The screenshot displays the 'Common General Settings' interface. At the top, there are two tabs: 'Database' (selected) and 'MQTT Settings'. Below the tabs, the 'Connection Settings' section contains four input fields: 'Database' (192.168.1.114), 'Port' (5432), 'Login' (postgres), and 'Password'. Below these fields are two buttons: 'Check Connection' and 'OK'. The 'Product Schema Management' section below has two radio buttons: 'DLP+ Center' (selected) and 'Mail-i'. A 'Generate Schema' button is located to the right of these options.



IX. Common

1. Search Service Control

- 1) Select **Common > Search Service Control**
- 2) Click **Start** or **Stop** to control Service

2. Search Service Back-up/Restore

- 1) Select **Common > Search Service > Search Service Back-up/Restore**
- 2) To schedule back-up, select Storage Schedule Settings
- 3) Click the **Save**

- To back-up and restore immediately,

- 1) Select **Common > Search Service Back-up/Restore**
- 2) Check Box you want to back-up or restore index
- 3) Click the **Backup** or **Restore**
- 4) Click the **OK**

Common Search Service

Search Service Control | Search Service Back-Up/Restore | Content Analyzer Settings

Search Server Control

Search Server	Status	Refresh	Start	Stop	Event Log
Search Server	████████	Refresh	Start	Stop	Event Log
Indexing Server	████████	Refresh	Start	Stop	Event Log
Search Engine	████████	Refresh	Start	Stop	Event Log

Common Search Service

Search Service Control | Search Service Back-Up/Restore | Content Analyzer Settings

Storage List

Storage Name	Storage Path	Registration Schedule	Original File Delete
pvl_repository	/somansa/backup/pvl	No	-

Storage Schedule Settings

Storage Name: pvl_repository
Storage Path: /somansa/backup/pvl

Back-up Schedule: Don't Register Register (Schedule is set to 2:00 a.m. everyday by default.)

Deletion of Original Copy: Don't Delete Delete

Index/Backup List

Original File: Don't Delete Delete

Index Name	Back-up
pL_201710_2	Backed up

Backup Name
pL_201710_2



IX. Common

3. MQTT advanced option

※ This is an advanced option for using Response Message function of DLP + Center.

The screenshot displays the Configuration Manager web interface. The top navigation bar includes 'Configuration Manager' and tabs for 'Common', 'DLP+ Center', 'Mail-i', and 'T-Proxy'. The left sidebar contains a tree view with categories: 'General Settings' (Database, MQTT Settings), 'Search Service' (Search Service Control, Search Service Back-Up/Restore, Content Analyzer Settings), and 'HR Information Sync' (Database Registration, Sync Information Settings). The main content area is titled 'Common General Settings' and has two tabs: 'Database' and 'MQTT Settings'. The 'MQTT Settings' tab is active, showing a 'Server Information' section with two input fields: the first contains '192.168.1.1' and the second contains '1883'. A blue 'OK' button is positioned below the input fields.



IX. Common

4. HR Information Sync

- Import customer HR (human resource) Information. The target is DB (database) and AD (Active Directory).

※ The type of data must be organized in a tree. If not, you need to edit it in tree form via 'Editing Script'.

- 1) Select **Common > HR Information Sync > Database Registration**.
- 2) Enter information about the server where the customer information is located and click **Save**
- 3) Select **Sync Information Settings**
- 4) Enter information about **Top Dept Code** and click **Save**

※ The Top Dept Code must be unique.

- 5) Select **Column Mapping**
- 6) Select Temp Table, Sync Database Name and Default Table and click **Save**
- 7) Click **OK**

The screenshot shows the 'Common HR Information Sync' interface with the 'Database Registration' tab selected. The interface includes a navigation bar with tabs: Database Registration, Sync Information Settings, Column Mapping, Editing Script, Scheduling, and Sync Simulation. Below the navigation bar, there is a table with the following data:

Alias	Type	IP	Database Name
test_somansa	POSTGRESQL	192.168.1.113	somansa

Below the table, there are input fields for 'Database Type' (Postgresql), 'Database IP / Port' (192.168.1.113), 'Login' (postgres), and 'Database Name' (somansa). There are also fields for 'test_somansa' and '5432'. At the bottom, there are 'New', 'Save', and 'Delete' buttons.

The screenshot shows the 'Common HR Information Sync' interface with the 'Dept Information Settings' tab selected. The interface includes a navigation bar with tabs: Database Registration, Sync Information Settings, Column Mapping, Editing Script, Scheduling, and Sync Simulation. Below the navigation bar, there is a form with the following fields:

- 'Top Dept Code' (text input field)
- 'Dept Criteria' (radio button selected for 'Dept Code', checkbox for 'Delete a Dept information without users in case of HR Information Sync')
- 'IP Sync' (checkbox for 'Sync IP after Initializing TA_DB IP (Data will not be deleted if an error occurs during Sync.)', checkbox for 'Sync only one user when multiple users exist in one IP of HR DB.')

At the bottom, there is a 'Save' button.



IX. Common

- 8) Select Editing Script and click **Save**. Editing Script can be used to modify additional or insufficient information
- 9) Select **Scheduling**
- 10) Click **New**
- 11) Enter Schedule Name and select Task Cycle you want to time
- 12) Set the Script order and click **Save**
- 13) Select **Sync Simulation**
- 14) Select Schedule Selection and click **Perform Sync Simulation**
- 15) Select Mapping Table and click **Search Data**
- 16) Select **Sync Results**. You can check logs for Sync results

The screenshot displays the 'Common HR Information Sync' application interface. The top navigation bar includes tabs for 'Database Registration', 'Sync Information Settings', 'Column Mapping', 'Editing Script' (selected), 'Scheduling', and 'Sync Simulation'. Below the navigation bar, there are sub-tabs for 'Sync Results' and 'Editing Script'. The 'Editing Script' section contains a 'Script' type selector with three options: 'HR Information Extraction Script' (selected), 'Temp Table Refine Script', and 'Post-Processing Script'. A 'Mapping Name' dropdown menu is set to 'User Information_test_somansa', with a 'Search Script' button to its right. Below this, there are two text areas for SQL scripts. The left area contains a SELECT statement: `SELECT "tb_memodata"."userid", "tb_memodata"."empname" FROM ta_db."tb_memodata"`. The right area contains an INSERT(UPDATE) statement: `INSERT INTO TA_DB.SCMIM_TEMPUSER (USERID, EMPNAME) values (?, ?)`. A 'Save' button is located below the script areas. At the bottom of the interface, there is a 'Script Performance Test' section with a 'Run' button. Below this is a table with the following columns: IP Type, Approval Status, User ID, User Name, Dept Code, Employee Resignation, Company, E-Mail, Phone Number, Dept Name, User Password, User ID, and Employee Code. The table contains three rows of data:

IP Type	Approval Status	User ID	User Name	Dept Code	Employee Resignation	Company	E-Mail	Phone Number	Dept Name	User Password	User ID	Employee Code
		Unregistered IP	Unregistered IP									
		dobbie	dobbie									
		grant	grant									



X. SYSTEM

- System default setting possible



1. Check UID

- UID is used as a unique key in the system and required for license renewal requests.

1) Select **SYSTEM > Settings**. You can check

The screenshot shows the 'SYSTEM' settings page with tabs for 'Settings', 'Audit Log', and 'Event Log'. The 'UID' section is highlighted, showing a text input field containing the value 'wy6vza0'.

2. SMTP Settings

- The SMTP Settings is required before using mail related functions in DLP+Center.

1) Select **SYSTEM > Settings**

2) Insert SMTP Host / Port and Sender and select SMTP Authentication, Encoding and SMTP ID / Password

3) Click **OK**

The screenshot shows the 'SMTP Settings' page with the following fields and options:

SMTP Host / Port	mail.somansa.com	25
SMTP Authentication	<input type="radio"/> Use <input checked="" type="radio"/> Don't Use	
SMTP ID / Password	SMTP ID	SMTP Password
Sender	chohm@somansa.com	
Encoding	<input type="radio"/> EUC-KR <input checked="" type="radio"/> UTF-8	

Buttons: **OK** (blue), **Initialize** (grey)

3. Session Time

- You can change Session Time for CM.

1) Select **SYSTEM > Settings**

2) Insert Session Duration Time you want

3) Click **OK**

The screenshot shows the 'Session Time' page with a text input field containing the value '10' and the unit 'Minute'. A blue **OK** button is visible.



X. SYSTEM

4. Server IP Settings

- Server IP is automatically set.

1) Select **SYSTEM > Settings**. You can check Server IP.

- If the IP is different from the actual IP, change the information below.

1) Connect SSH
2) Edit for vi editor : vi
/somansa/common/conf/common.properties
3) Change the UseIP

5. Configuration Manager Administrator Information

- Set administrator password change.

1) Select **SYSTEM > Settings**
2) Insert current Password and New Password
3) Click **OK**

- Set administrator password policy.

1) Select **SYSTEM > Settings**
2) Select Password Expiry Policy
3) Click **OK**

Server IP Settings

When there are many IPs allocated to the server, actually used IP should be set.
(The IP actually used in communication in constructing networks, such as bridges and bondings, should be set to perform normal audit log traces and regular inspection.)

Server IP

Configuration Manager Administrator Account Information

Password

New Password

Re-enter Password

Password Expiry Policy Use Don't Use



X. SYSTEM

6. Time Synchronization

- Synchronize system time.

- 1) Select **SYSTEM > Settings**
- 2) Check Sync time cycle you want
- 3) Click **Apply**
- 4) Insert **Time Server**
- 5) Click **OK**

7. Integrity Check

- Set the system Integrity check.

- 1) Select **SYSTEM > Settings**
- 2) Check Integrity time cycle you want
- 3) Click **Apply**

※ Configuration Manager Initialization is advanced option.

Time Synchronization

Current Server Time : 2017-07-22 04:27:19 Run

Synchronize your server clock with your local standard time now.

Sync every hours Apply

Your server clock will be synchronized with Time Server.

Time Server OK

Integrity Check

Check now Run

Check every minutes Apply

Configuration Manager Initialization

Data of Configuration Manager will be initialized.
Data and Setting Value stored in Database will be preserved. Initialize



X. SYSTEM

8. Audit Log

- Search audit log

- 1) Select **SYSTEM > Audit Log**
- 2) Select Date
- 3) Click **Search**

9. Event Log

- Retrieve event log

- 1) Select **SYSTEM > Event Log**
- 2) Select Module
- 3) Select Log file
- 4) Click **Search** or **Download**

The screenshot shows the 'SYSTEM' interface with the 'Audit Log' tab selected. It features a search area with fields for 'Date' (2017-08-01 to 2017-08-31), 'Log Type' (set to '-- ALL --'), and 'IP'. Below the search area is a table with the following data:

Time	Type	IP	Contents	Description
2017-08-30 05:18:47	Access	96.64.237.21	System > Settings was accessed.	[URL] :/cm/enviroment.init.json [detail] : SYSTEM ACCESS LOG
2017-08-30 05:18:45	Access	96.64.237.21	COMMON > General Settings was accessed.	[URL] :/cm/common.mng.init.json [detail] : SYSTEM ACCESS LOG
2017-08-30 05:18:44	Login	96.64.237.21	Logged in to Configuration Manager	[detail] Logged in to Configuration Manager
2017-08-30 04:19:09	Logout	35.167.83.225	Logged off from Configuration Manager	[detail] Logged off from Configuration Manager
2017-08-30 04:18:37	Access	35.167.83.225	COMMON > HR Information Sync was accessed.	[URL] :/cm/m.mng.init.json [detail] : SYSTEM ACCESS LOG
2017-08-30 04:18:20	Access	35.167.83.225	COMMON > General Settings was accessed.	[URL] :/cm/common.mng.init.json [detail] : SYSTEM ACCESS LOG

The screenshot shows the 'SYSTEM' interface with the 'Event Log' tab selected. It features an 'Event Log Retrieval' section with a 'Module' dropdown set to 'DLP+ Center' and a 'Log file' dropdown set to 'catalina.out'. There are buttons for 'Search', 'Stop', 'Download', and 'Initialize event log'. Below the search area, a message states 'The event log is being retrieved.' followed by a log snippet:

```
[2017-09-06 06:21:05] DEBUG [java.sql.ResultSet:27] - (rs=531284) Result: [93]
[2017-09-06 06:21:05] DEBUG [com.ibatis.common.jdbc.SimpleDataSource:27] - Closed connection 1894701205.
[2017-09-06 06:21:10] DEBUG [dlpcenter.common.interceptor.AuthInterceptor:125] -
=====AuthInterceptor=====
```



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