

Cisco UCS  
Last update 07/18/2013

### Cisco UCS Manager Requirements:

XML API must be enabled on your Cisco UCS Manager. To enable it, login to the Cisco UCS Manager web console, navigate to “Admin”, “Communication Management”, and “Communication Services”, and make sure the HTTP & CIM XML services are enabled.

If “Redirect HTTP to HTTPS” option is enabled, you’ll have to use secure communication when configuring your SolutionPack block.

To use secure communication between your collector and the UCS manager, choose the secure communication option when adding your Manager. HTTPS must prior be configured on the “Communication Services” page of UCS Manager.

Filter: All

Web Session Limits

Maximum Sessions Per User: 256

Maximum Sessions: 256

**HTTP**

Admin State: ☒ Enabled ☐ Disabled

Port: 80

Redirect HTTP to HTTPS: ☐ Enabled ☒ Disabled

**HTTPS**

Admin State: ☒ Enabled ☐ Disabled

Port: 443

Key Ring: KeyRing default

Cipher Suite Mode: ☐ High Strength ☒ Medium Strength ☐ Low Strength ☐ Custom

Cipher Suite: ALL:!ADH:!EXPORT56:RC4+RSA:+HIGH:+MEDIUM:+EXP:+eNULL

**Telnet**

Admin State: ☒ Enabled ☐ Disabled

**CIM XML**

Admin State: ☒ Enabled ☐ Disabled

Port: 5988

**SNMP**

Admin State: ☒ Enabled ☐ Disabled

Port: 161

### Reporting on events:

Database schema is incompatible with previous version of legacy ReportPack. You must drop you previous table, and import the new schema. Historical events will be lost.

Starting with Watch4net 6.2u4, schema is pre-loaded. If you have installed from any previous version, you must follow steps below.

Database schema must be loaded in order to have the “events” block loaded. After installing the events block, the ddl file will be available on your server’s file system. To load it, locate the file: Event-Processing/Generic-Live-Writer/cisco-ucs/ddl/my-ucs\_live.sql. You can copy the context of this file, and paste it into the mysql client, connected on the “events” database. To login to MySQL, on the events database, use the mysql-client.sh (mysql-client.cmd on Windows), and connect to the “events” database, like this:

```
[root@lg1bb143 APG]# ./bin/mysql-client.sh
Enter username: [apg]
Enter database: [apg]
```

```

events
Enter password: (default password is "watch4net")
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 25505
Server version: 5.5.30 MySQL Community Server (GPL)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>

```

At the “mysql>” prompt, paste the content of the my-ucs\_live.sql file. This will create the “ucs\_live” table. You can now start your “event processing manager” service.

To enable events reporting from the frontend, please edit your Web-Application configuration file (**Web-Servers/Tomcat/Default/conf/Catalina/localhost/APG.xml**).

If the cisco-ucs-events section **is present**, uncomment it.

If the cisco-ucs-events section **is not present**, please add the following lines (Installation and upgrades from Watch4net < 6.2u4).

```

<!-- cisco-ucs-events -->
<ResourceLink name="jdbc/FLOW-UCS-LIVE:{ mapping=FLOW-UCS.xml, table=ucs_live
}" global="jdbc/FLOW-EVENTS" type="javax.sql.DataSource" />

```

You will then need to restart the Tomcat service in order to make the change effective.

### UCS Manager minimum requirements:

“Role-read-only” role is sufficient for the SolutionPack to work properly. We recommend to create a new dedicated “service account” for SolutionPack integration.



### Known issues:

- Same user must be used when collecting from multiple UCS Manager. This will be addressed in a future version of this SolutionPack.
- Connections might not be closed properly on collector manager’s restart. To avoid this, monitor your UCS Manager’s sessions, using the Manager GUI. Go to “Admin”, “User Management”, and click the “Sessions” tab. If orphan sessions are found, you can close them, by selecting them, right clicking on them, and choose “Delete”. For instance, if you have created a service account called ‘watch4net’, you can delete all connections that used to belong to ‘watch4net’.
- You might observe in logs a message like:

```

WARNING -- [2013-06-25 15:43:55 EDT] -- SimpleHttpConnectionManager::getConnectionWithTimeout():

```

SimpleHttpConnectionManager being used incorrectly. Be sure that HttpMethod.releaseConnection() is always called and that only one thread and/or method is using this connection manager at a time.

This message can safely be ignored.