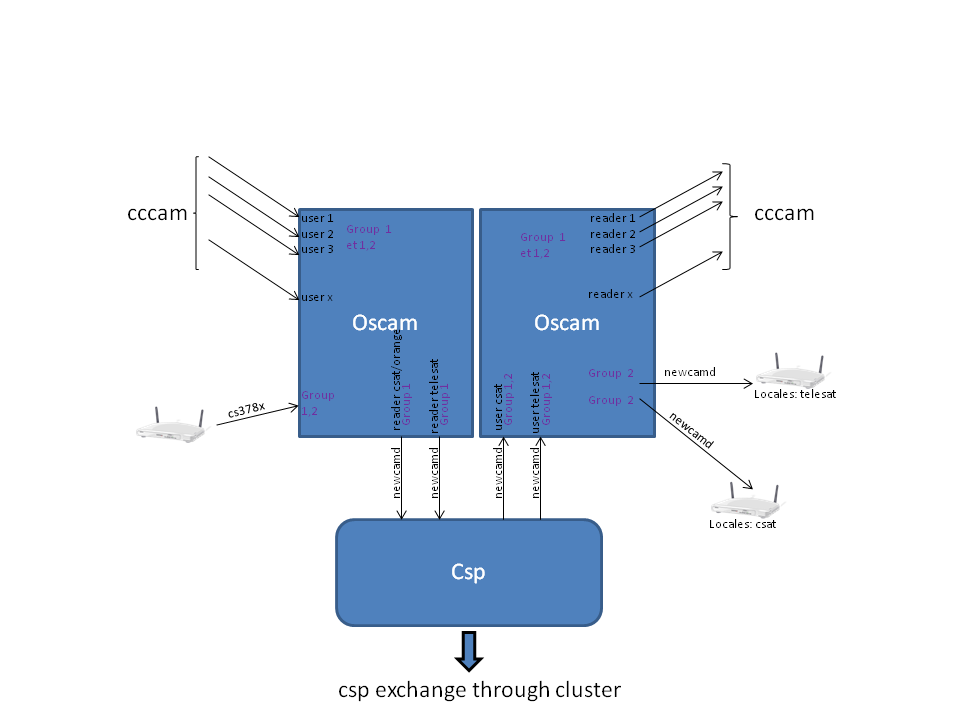
**Description CSP for Ubuntu**

* **Manuální instalace CSP na UBUNTU**

Viz soubor **Tutorial how to install CSP on Ubuntu server.pdf**

* **Princip CSP**



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**Ztaženo z diskuzních for**

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1. **Sample CSP xml ( config file )**

**here is a sample xml file with profile and newcamd connector in place for sky uk from newcs**

----------------------------------------------------------------------------------------------------------------------------------  
  
<cardserv-proxy ver="0.9.0">  
  
<ca-profiles>  
<default-des-key>01 02 03 04 05 06 07 08 09 10 11 12 13 14</default-des-key>  
  
<extended-newcamd listen-port="nnnnn"/>  
  
  
<profile name="0963-SKYUK" ca-id="0963" network-id="0002" provider-idents="00 00 00" enabled="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="0963">  
<providers>00 00 00</providers></card-data></newcamd>

<max-cw-wait>9</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="0963" filter="000000">/var/etc/CCcam.channelinfo</services-file>  
</profile>   
  
  
  
<profile name="1702-SKYDE" ca-id="1702" network-id="0085" enabled="true" debug="true">  
<newcamd listen-port="nnnnnn">  
<card-data type="config" ca-id="1702">  
<providers>00 00 00, 00 00 01, 00 00 02, 00 00 03</providers></card-data></newcamd><max-cw-wait>7</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="1702" filter="000000">/var/etc/CCcam.channelinfo</services-file>  
</profile>  
  
  
</ca-profiles>  
  
<logging log-ecm="true" log-emm="true" log-zapping="false" hide-ip-addresses="false">  
<log-file rotate-count="3" rotate-max-size="1024">log/cardserv.log</log-file>  
<log-level>INFO</log-level>  
<silent>true</silent>  
<debug>false</debug>  
</logging>  
  
<rmi>  
<display-name>Csproxy1</display-name>  
<status-web>  
<listen-port>8082</listen-port>  
<ssl enabled="false">   
<keystore password="secret">etc/csp\_keystore</keystore>  
</ssl>  
<war-file>lib/cs-status.war</war-file>  
<super-users>admin</super-users>  
</status-web>  
</rmi>   
  
<user-manager class="com.bowman.cardserv.SimpleUserManager">  
<auth-config>  
<user name="user" password="password" max-connections="3" admin="true"/>  
<user name="user1" password="secret1" profiles="myprofile"/>  
<user name="a" password="b"/>  
  
  
</auth-config>  
  
</user-manager>  
  
<connection-manager>  
<reconnect-interval>60</reconnect-interval>  
<default-des-key>01 02 03 04 05 06 07 08 09 10 11 12 13 14</default-des-key>  
<default-keepalive-interval>55</default-keepalive-interval>  
  
<service-map>  
<mapper>   
  
<cache-dir>/cache</cache-dir>  
<cache-save-age>300</cache-save-age>  
<auto-map-services>true</auto-map-services>  
<auto-reset-threshold>20</auto-reset-threshold>   
</mapper>  
<mapper profile="myprofile">  
<reset-services></reset-services>  
<block-services></block-services>  
</mapper>  
</service-map>  
  
<cws-connectors>   
  
  
  
<newcamd-connector name="mylocal-sky" profile="0963-SKYUK" provider-idents="00 00 00" enabled="true" metric="1">  
<host>127.0.0.1</host>  
<port>nnnnn</port>  
<user>user</user>  
<password>password</password>  
<asynchronous>true</asynchronous>  
</newcamd-connector>  
  
  
</cws-connectors>  
  
</connection-manager>  
  
<proxy-plugins>  
<plugin class="com.bowman.cardserv.LoggingPlugin" enabled="false">  
<plugin-config>  
<log-dir>log/traffic</log-dir>  
<log-level>ALL</log-level>  
<ip-filter>\*</ip-filter>  
</plugin-config>  
</plugin>  
<plugin class="com.bowman.cardserv.DcwFilterPlugin" enabled="true" jar-file="dcwfilterplugin.jar"/>  
<plugin class="com.bowman.cardserv.ProviderIdentPlugin" enabled="true" jar-file="provideridentplugin.jar"/>  
<plugin class="com.bowman.cardserv.IrdetoPlugin" enabled="true" jar-file="irdetoplugin.jar"/>  
</proxy-plugins>  
  
<cache-handler class="com.bowman.cardserv.ClusteredCache">   
<cache-config>  
<cw-max-age>11</cw-max-age>  
<max-cache-wait>350ms</max-cache-wait>  
<local-host>http://example.linux.net</local-host>  
<local-port>nnnnn</local-port>  
<tracker-url>file:///usr/local/csp/cache/cluster</tracker-url>  
<tracker-update>1</tracker-update>  
<sync-period>5</sync-period>  
</cache-config>  
</cache-handler>  
  
</cardserv-proxy>  
  
  
================================================== =========================================  
  
**also the cache-handler is set for clustered cache**   
  
  
port number for example 13001 replaces the nnnnnn

1. **Sample CSP xml ( config file )**

**a basic proxy.xml  
  
here is an example of 2 seperate locals put into 1 profile  
  
also mgcamd is being used as client on port 40000**  
  
Thanks to Boxer http://cccam-exchange.com/images/smilies/icon/wink.gif  
  
--------------------------------------------------------------------------------------------------------------------------------------------------  
  
<cardserv-proxy ver="0.9.0">  
  
<ca-profiles>  
<default-des-key>01 02 03 04 05 06 07 08 09 10 11 12 13 14</default-des-key>  
  
<extended-newcamd listen-port="40000"/>  
  
  
<profile name="0100-SECA" ca-id="0100" network-id="0035" enabled="true" debug="true">  
<newcamd listen-port="11005">  
<card-data type="config" ca-id="0100">  
<providers>00 00 00, 00 00 6a, 00 00 6c</providers>  
</card-data>  
</newcamd>  
<max-cw-wait>12</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<filter-block>false</filter-block>  
<load-balance>false</load-balance>  
<services-file>etc/services</services-file>  
</profile>  
  
</ca-profiles>  
  
<logging log-ecm="true" log-emm="true" log-zapping="false" hide-ip-addresses="false">  
<log-file rotate-count="3" rotate-max-size="1024">log/cardserv.log</log-file>  
<log-level>INFO</log-level>  
<silent>true</silent>  
<debug>false</debug>  
</logging>  
  
<rmi>  
<display-name>Csproxy1</display-name>  
<status-web>  
<listen-port>8082</listen-port>  
<ssl enabled="false">  
<keystore password="secret">etc/csp\_keystore</keystore>  
</ssl>  
<war-file>lib/cs-status.war</war-file>  
<super-users>admin</super-users>  
</status-web>  
</rmi>  
  
<user-manager class="com.bowman.cardserv.SimpleUserManager">  
<auth-config>  
<user name="admin" password="secret" max-connections="3" admin="true"/>  
<user name="mgcamd" password="mgcamd" max-connections="1" enabled="true" debug="true"/>  
</auth-config>  
</user-manager>  
  
<connection-manager>  
<reconnect-interval>10</reconnect-interval>  
<default-des-key>01 02 03 04 05 06 07 08 09 10 11 12 13 14</default-des-key>  
<default-keepalive-interval>55</default-keepalive-interval>  
  
<service-map>  
<mapper>  
<auto-reset-threshold>20</auto-reset-threshold>  
</mapper>  
<mapper profile="0100-SECA">  
<reset-services></reset-services>  
<block-services></block-services>  
</mapper>  
</service-map>  
  
<cws-connectors>  
  
<csp-connector name="test0" enabled="false">  
<url>https://otherproxy.host.com:8443</url>  
<user>user</user>  
<password>password</password>  
<request-cache-updates>false</request-cache-updates>  
</csp-connector>  
  
<newcamd-connector name="test1" profile="test1" enabled="false">  
<host>192.168.0.3</host>  
<port>10001</port>  
<user>proxyuser</user>  
<password>password</password>  
<asynchronous>true</asynchronous>  
</newcamd-connector>  
  
  
<newcamd-connector name="tvv" profile="0100-SECA" provider-idents="00 00 00, 00 00 6c" enabled="true" metric="2">  
<host>192.168.1.248</host>  
<port>10005</port>  
<user>name</user>  
<password>userpassword</password>  
<asynchronous>true</asynchronous>  
</newcamd-connector>  
  
<!-- 2nd connector for C+ NL local -->  
<newcamd-connector name="c+nl" profile="0100-SECA" provider-idents="00 00 00, 00 00 6a" enabled="true" metric="2">  
<host>xxxxx.homeip.net</host>  
<port>11006</port>  
<user>name</user>  
<password>userpassword</password>  
</newcamd-connector>  
  
  
<newcamd-connector name="c+nl2" profile="0100-SECA" provider-idents="00 00 00, 00 00 6a" enabled="true" metric="2">  
<host>xxxxx.homeip.net</host>  
<port>11006</port>  
<user>name</user>  
<password>userpassword</password>  
</newcamd-connector>

1. **Sample Profile**

Be careful, you cannot have more than 1 profile with the same caid number if the network-id is also the same!!  
i.e. caid '0500' with network\_id '013e' and caid '0500' with network-id '0001' is OK, but  
2 profiles with caid '0500' and network\_id '0001' will cause the csp to fail.  
  
SKY UK  
<profile name="0963-SKYUK" ca-id="0963" network-id="0002" provider-idents="00 00 00" enabled="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="0963">  
<providers>00 00 00</providers></card-data></newcamd><max-cw-wait>7</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="0963" filter="000000">etc/CCcam.channelinfo</services-file>  
</profile>   
  
SKY DE  
<profile name="1702-SKYDE" ca-id="1702" network-id="0085" provider-idents="00 00 00" enabled="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="1702">  
<providers>00 00 00</providers></card-data></newcamd><max-cw-wait>7</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="1702" filter="000000">etc/CCcam.channelinfo</services-file>  
</profile>  
  
SKY IT  
<profile name="0919-SKYIT" ca-id="0919" network-id="fbff" enabled="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="0919">  
<providers>00 00 00</providers>  
</card-data></newcamd><max-cw-wait>9</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="0919" provider="000000">etc/CCcam.channelinfo</services-file>  
</profile>  
  
<profile name="093b-SKYIT" ca-id="093b" network-id="fbff" enabled="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="093b">  
<providers>00 00 00</providers>  
</card-data></newcamd><max-cw-wait>9</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="093b" provider="000000">etc/CCcam.channelinfo</services-file>  
</profile>  
  
XXX channels  
<profile name="0500-XXXVIEW" ca-id="0500" network-id="0000" enabled="true" debug="true">  
<newcamd listen-port="11018">  
<card-data type="config" ca-id="0500">  
<provider-idents>02 51 00, 02 44 00, 03 20 00, 03 20 10, 04 22 00, 04 22 10, 03 20 00, 03 20 10, 04 17 00, 04 17 10</provider-idents>   
  
  
  
</card-data></newcamd><max-cw-wait>9</max-cw-wait>  
<filter-cards>provider</filter-cards><filter-block>false</filter-block><load-balance>true</load-balance>  
<services-file format="cccam" ca-id="0500" provider="025100, 024400, 032000, 032010, 042200, 042210, 032000, 032010, 041700, 041710">CCcam.channelinfo</services-file>  
</profile>  
  
Canaalsatelite and Orange both providers have the same caid and network-id  
<profile name="0500-CSAT+" ca-id="0500" network-id="0001" enabled="true" require-provider-match="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="0500">  
<provider-idents>03 28 20, 03 28 30, 03 28 40, 03 29 20</provider-idents></card-data></newcamd>  
<max-cw-wait>9</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="0500" provider="032820, 032830, 032840, 032920">etc/CCcam.channelinfo</services-file>  
</profile>   
  
0500 viaccess JSC Sport - ART Intl - SRG Swiss etc  
<profile name="0500-VIACCESS" ca-id="0500" network-id="013e" enabled="true" require-provider-match="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="0500">  
<provider-idents>03 28 20, 02 08 10, 02 44 00, 02 38 00, 03 07 00, 03 0b 00, 02 3b 00, 02 11 10, 04 24 00, 04 24 10</provider-idents>  
</card-data></newcamd> <max-cw-wait>14</max-cw-wait>  
  
<services-file format="cccam" ca-id="0500" provider="032820, 020810, 024400, 023800, 030700, 030b00, 023b00, 021110, 042400, 042410">etc/CCcam.channelinfo</services-file>  
</profile>  
  
C+ NL - TVV  
<profile name="0100-SECA ca-id="0100" network-id="0035" enabled="true" require-provider-match="true" debug="true">  
<newcamd listen-port="nnnnn">  
<card-data type="config" ca-id="0100">  
<providers>00 00 6a, 00 00 6c</providers></card-data></newcamd>  
<max-cw-wait>12</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="0100" filter="00006a, 00006c">etc/CCcam.channelinfo</services-file>  
</profile>  
  
Telesat -C+ NL - Cyfra - Meosat  
<profile name="0100-seca-13e" ca-id="0100" enabled="true" network-id="013e" require-provider-match="true" debug="false">  
<newcamd listen-port="nnnnn">  
  
<card-data type="config" ca-id="0100">  
<providers>00 52 21, 00 00 68, 00 00 65, 00 00 6d</providers></card-data></newcamd><max-cw-wait>9</max-cw-wait>  
<filter-cards>provider</filter-cards>  
<services-file format="cccam" ca-id="0100" filter="00006d, 005221, 000068, 000065">etc/CCcam.channelinfo</services-file>  
</profile>  
more to come http://cccam-exchange.com/images/smilies/icon/biggrin.gif

1. **CSP Service – file for all satellites**  
     
   here is a complete services file for all sats & bouquets  
   tested & working   
     
   just put this in your profile:  
     
   <services-file format="enigma">etc/services</services-file>  
     
   also working with HD channels  
     
   --------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Select the provider you want and give it the name you want.  
  
Use simple for the format!  
  
[attachment=2:so1cvbca]services(2).rar[/attachment:so1cvbca]  
  
  
where to put the service files  
  
Read the manual(web interface, config at the bottom you'll find an option)!  
  
In ca-profiles:  
<services-file format="simple">THE-DIRECTORY-YOU-PLACED-IT/THE-NAME-YOU-GAVE-IT</services-file>  
  
f.i.  
<services-file format="enigma">etc/europe</services-file>

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1. **CCcam.channelinfo**

You can use the CCcam.channelinfo in csp to see the name of channel in web info   
  
you can use these config for each profile with caid and provider  
  
<services-file format="cccam" ca-id="0100" provider="000068">/var/etc/CCcam.channelinfo</services-file>