

```

namespace OpenLM_API_Service
{
    class Program
    {
        /// <summary>
        /// The main entry point for the application.
        /// </summary>
        ///

        public static string _username = "admin";
        public static string _password = "XXXXXXXXXX";
        public static string _client_id = "openlm.server.api.XXXXXXXXXX.none";
        public static string _client_secret = "fcec3aa1-XXXXXX-XXXXXX-XXXXXX-4d1ff9d64064";
        public static string _grant_type = "password";
        public static string _scope = "openlm.server.scope";

        static void Main(string[] args)
        {

            //v2x

            string authtoken = "http://FQDN:5000/connect/token";
            string JText = "grant_type=" + _grant_type + "&username=" + _username +
"&password=" + _password + "&scope=" + _scope + "&client_id=" + _client_id +
"&client_secret=" + _client_secret;
            string temp = SendRequest(authtoken, JText);
            JObject temp2 = (JObject)JsonConvert.DeserializeObject(temp);
            string UAuth = "Bearer " + temp2["access_token"].ToString();
            string LMlistURL = "http://FQDN:5015/api/v1/licenseservers/lookup";
            string LMTEXT = SendRequest4(LMlistURL, UAuth);

            private static string SendRequest(string url, string JText)
            {
                string durl = url;
                HttpWebRequest req = (HttpWebRequest)WebRequest.Create(durl);

                req.UseDefaultCredentials = false;
                req.Headers.Add("ClientID", _client_id);
                req.Headers.Add("SecretKey", _client_secret);
            }
        }
    }
}

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        string postdata = JText;
        byte[] requestBytes = System.Text.Encoding.ASCII.GetBytes(postdata);
        req.ContentType = "application/x-www-form-urlencoded";
        req.Method = "POST";
        req.ContentLength = requestBytes.Length;
        Stream requestStream = req.GetRequestStream();
        requestStream.Write(requestBytes, 0, requestBytes.Length);
        requestStream.Close();

        HttpResponseMessage res = (HttpResponse)req.GetResponse();
        StreamReader sr = new StreamReader(res.GetResponseStream(),
System.Text.Encoding.Default);

        string s =
System.Text.Encoding.Default.GetString(ASCIIEncoding.Default.GetBytes(sr.ReadToEnd()));
        sr.Close();
        res.Close();

        return s;
    }

    private static string SendRequest4string url, string UAuth)
    {
        string durl = url;
        HttpRequest req = (HttpRequest)WebRequest.Create(durl);
        req.UseDefaultCredentials = false;
        req.Headers.Add("Authorization", UAuth);
        req.Method = "GET";
        req.Accept = "text/plain";

        HttpResponseMessage res = (HttpResponse)req.GetResponse();
        StreamReader sr = new StreamReader(res.GetResponseStream(),
System.Text.Encoding.Default);
        string s =
System.Text.Encoding.Default.GetString(ASCIIEncoding.Default.GetBytes(sr.ReadToEnd()));

        sr.Close();
        res.Close();
        return s;
    }
}

```

}