

WHOLESALE



SESSION MANAGEMENT

30 June 2010

This document details the LOLIG web service calls for Authentication and Authorisation.

DOCUMENT CONTROL SHEET

Contact for Enquiries and Proposed Changes

If you have any questions regarding this document contact:

Name: Mitali Ross
Designation: Manager, Online Automation and Customer Engagement
Phone: (03) 9632 7120

Issue No.	Issue Date	Nature of Amendment
1.0	30/06/2010	First Issue

The information contained in this document is accurate and correct at date of publication.

© Copyright Telstra Corporation Limited (ACN 051 775 556) 2007. All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the written permission of Telstra Corporation Limited.

TABLE OF CONTENTS

1	How to Perform LOLIG Session Management	4
1.1	Do the Login	4
1.2	Call a Web Service	4
1.3	Save the JSESSIONID	5
1.4	Re-use the JSESSIONID	5
2	Authentication Process – Transaction & HTTP Headers Examples	6
3	Authorisation Process – Transaction & HTTP Headers Examples	10

1 How to Perform LOLIG Session Management

This document details the LOLIG web service calls to make in order to create a new service. The scenario outlined is for a simple case and is to give the reader an overall view of the steps involved and the order in which they need to be carried out.

There are two occasions when LOLIG session management is called into play. These occasions correspond to:

- LOLIG Authentication
- LOLIG Authorisation

LOLIG Authentication is when the client application logs in to the LOLIG System, thereby telling LOLIG that it is an officially registered and valid user. Authorisation is when the client application calls a web service, and LOLIG determines if the client has the required access rights to that web service.

Both of these actions are managed by the LOLIG R&E system (Registration & Enrolment) which is a SiteMinder server.

1.1 Do the Login

The first thing that must be done is for the client application to login to LOLIG using their Digital Certificate. The login steps are defined in the Build Guide in Section 4.1.2 and are outlined here again.

Step 1. → Connect using POST to web service URL.

Step 2. ← Server returns 302 and redirects us to SSL server.

Step 3. → Connect using GET to SSL server.

Step 4. ← Server returns 302, SSLCRED cookie, and redirects us to original server.

Step 5. → Connect using GET to web service, and send SSLCRED cookie.

Step 6. ← Server returns 302, SMSESSION cookie and redirects us to Site Minder server.

Step 7. → Connect using GET to Site Minder server and send SMSESSION cookie.

Step 8. ← Server returns 302, SMSESSION cookie, and redirects us to original server.

1.2 Call a Web Service

Call a web service operation sending SMSESSION cookie received in step 8.

Step 9. Server returns 200, SMSESSION cookie, JSESSIONID cookie.

1.3 Save the JSESSIONID

Step 10. Save JSESSIONID cookie received in Step 10.

The JSESSIONID cookie value should be persisted to a database or text file etc. so that other code can retrieve its value. If all code is running in the same memory space (JVM) then the JSESSIONID value can be stored in a Singleton object as opposed to a database (in order to avoid a resource hit).

1.4 Re-use the JSESSIONID

For every subsequent web service call, the client application must send the saved JSESSIONID (from Step 11) in the HTTP Request header. The most recent SMSESSION cookie must also be sent. However, because the SMSESSION cookie is always unique, this does not have to be persisted. The last value can be used. Both cookies must be concatenated together (with a semi-colon as per the cookie specification) and sent in the one Set-Cookie header.

2 Authentication Process – Transaction & HTTP Headers Examples

Step 1. → Connect using POST to web service URL.	
Step 2. ← Server returns 302 and redirects us to SSL server.	
Client Send to URL:	https://shopfront3.telstra.com.au/LOLOSTGCB2b/services/ActivityHistoryService
Client Sends Cookie:	none
Server Return URL:	Location=https://clientssl.telstra.com.au/siteminderagent/cert/1145953812/smgetcred.scc?TYPE=16777244&REALM=\$SM%2fLOLO%20[18%3a30%3a12%3a1126]&TARGET=\$SM\$https%3a%2f%2fshopfront3%2etelstra%2ecom%2eau%2fLOLOSTGCB2b%2fservices%2fActivityHistoryService
Server Return Cookie:	none

Step 3. → Connect using GET to SSL server.	
Step 4. ← Server returns 302, SSLCRED cookie, and redirects us to original server.	
Client Send to URL:	https://clientssl.telstra.com.au/siteminderagent/cert/1145953812/smgetcred.scc?TYPE=16777244&REALM=\$SM%2fLOLO%20[18%3a30%3a12%3a1126]&TARGET=\$SM\$https%3a%2f%2fshopfront3%2etelstra%2ecom%2eau%2fLOLOSTGCB2b%2fservices%2fActivityHistoryService
Client Sends Cookie:	none
Server Return URL:	Location=https://shopfront3.telstra.com.au/LOLOSTGCB2b/services/ActivityHistoryService
Server Return Cookie:	SSLCRED=iv2pTVzxfzaGggIcQ4Mnv+fllmMWGBcfvek3CiG2HBLmr7k/avmgq2385IlQOsMLfnd5F4qP657ZMFTbtOanQku iYoAn0oZBYOXkyzfnlNIhYN9OcQGoNOO9F7bxtUWli4rSBwlry7x2NwTM4zkcFf7ZaWGLHCVtd8JdcOMmxhXTVa+6g1lnvS fe4+JlyZeI7hrGpmuORWZOxiB/KuPH3OvACO4KdZ6egj6mQpsc jXaKOAKxFk4qxENAJKd288z/B5jtGbPECZZiZtBLpYJg2 QGtw5hmqAS7yiorVd/Pe6xdMPSwO4BpKUSvdBd4+zSGuYMBXnl+VVgR6SxYfuXEQj2iGs9t9UqlS1B4/FaVNPgYx6GKPFNB zRZcv8NeNOznswy9PxyTR3IcgUBldkx+kfi5jmqEmd52; path=/; domain=.telstra.com.au

Step 5. → Connect using GET to web service, and send SSLCRED cookie.	
Step 6. ← Server returns 302, SMSESSION cookie and redirects us to Site Minder server.	
Client Send to URL:	https://shopfront3.telstra.com.au/LOLOSTGCb2b/services/ActivityHistoryService
Client Sends Cookie:	SSLCRED=iv2pTVzxfzaGggIcQ4Mnv+fllmMWGBcfvek3CiG2HBLmr7k/avmgq23851lQOsMLfnd5F4qP657ZMFTbtOanQku iYoAn0oZBYOXkyzfnlNIhYN9OcQGONOO9F7bxtUWli4rSBwlry7x2NwTM4zkCff7ZaWGLHCvtD8JdcOMmxhXTVa+6g1lnvS fe4+JlyZeI7hrGpmuORWZOxiB/KuPH3OvACO4KdZ6egj6mQpscjXaKOAKxFk4qxENAJKd288z/B5jtGbPECZZiZtBLpYJg2 QGtw5hmqAS7yiorVd/Pe6xdMPSwO4BpKUSvdBd4+zSGuYMBXnl+VVgR6SxYfuXEQj2iGs9t9UqlSlB4/FaVNPgYx6GKPFNB zRZcv8NeNOznswy9PxyTR3IcgUBldkx+kfi5jmqEmd52; path=/; domain=.telstra.com.au
Server Return URL:	Location=https://telstra.com/siteminderagent/SmMakeCookie.ccc?SMSESSION=\$SM\$R6a%2fffseOkeJR%2fc UK5%2f%2fGRszJ0khfUoo7U650ZgdTA7QBwKF%2bzakuaShhj98yohU1vfJJWjsQTvbe3vKuc9TABq940%2fZkX%2fqsC60 VIRSp%2bKQFWhrdwqLH5lDhZFmHTFrfrf%2bs3EweZzhw7E0yiwE8HP4pyv4Jn4y0P7AtJ8HiWV34KmSX9uHxC9cunN9yMi%2 bHJEYJbcYmo07iGerdo4Y8DHVKTE6SSHexiw3EHau2oehd8FNoDor%2bAFAW3h%2fe9JeJz4Rwg4JDTVyL%2b5%2bNT5Sg7 xZeZqz68LyHwDrImNp8wL7C7H%2f3Vv3ZDsGdXyyt6114r7rVjTBxrVduVho%2bNPJ689ZkKjB795uFLor0m9QZT0bcst1ZF f5D55u9y5XseYCU0oG0Q6g6cTH1bYd4VPQAFXN6JP%2bVOBUje0QcRQaAUZ9IkJOIJdFmYcPT8GTWYJE3Qbvblf3knI%2fc NgN9bOu0FWLxo3L5j5NTPaTd9v7mddo7MouX5YNlpBPQhViqaorSNcurYA0DzdZD%2fkMEq6NEBIYDZlUdQInSzTDNEPHcB eEYw7j5dlvOflkpAbpDxCA5Kt2yGypFsOgM6wBJV72mM%2bWcqNISONnOqxIvaItEVPsHof9x7VdcM8rYKWepU%2bDBLpca jkImmu%2beAiO7u3Q%2fUGDgwzZyCEQIBKDO3%2fBKE%2b9KAktpt12iGKQEJugy4rN9t184FJnrOeCSMv49OF90yztr%2b JQWQC88ns9q%2fbBT8YWyfEd8utEl1CbsJagEjutl3BFhKE15BqedelUrVzD2T7Si7E53I4xI30jsjqwrRX1E%2fzBTE3q% 2fygmQB2JfwfGeulkO9S4jvs90Y%3d&PERSIST=0&TARGET=\$SM\$https%3a%2f%2fshopfront3%2etelstra%2ecom%2e au%2fLOLOSTGCb2b%2fservices%2fActivityHistoryService
Server Return Cookie:	SSLCRED=; path=/; expires=Thu, 27-Oct-2005 08:30:13 GMT; domain=.telstra.com.au SMSESSION=R6a/ffseOkeJR/cUK5//GRszJ0khfUoo7U650ZgdTA7QBwKF+zakuaShhj98yohU1vfJJWjsQTvbe3vKuc9TA Bq940/ZkX/qsC60VIRSp+KQFWhrdwqLH5lDhZFmHTFrfrf+s3EweZzhw7E0yiwE8HP4pyv4Jn4y0P7AtJ8HiWV34KmSX9uHxC 9cunN9yMi+HJEYJbcYmo07iGerdo4Y8DHVKTE6SSHexiw3EHau2oehd8FNoDor+AFAW3h/E9JeJz4Rwg4JDTVyL+5+NT5Sg 7xZeZqz68LyHwDrImNp8wL7C7H/3Vv3ZDsGdXyyt6114r7rVjTBxrVduVho+NPJ689ZkKjB795uFLor0m9QZT0bcst1ZFf5D 55u9y5XseYCU0oG0Q6g6cTH1bYd4VPQAFXN6JP+VOBUje0QcRQaAUZ9IkJOIJdFmYcPT8GTWYJE3Qbvblf3knI/cNgN9bOu 0FWLxo3L5j5NTPaTd9v7mddo7MouX5YNlpBPQhViqaorSNcurYA0DzdZD/kMEq6NEBIYDZlUdQInSzTDNEPHcBeEYw7j5dl vOflkpAbpDxCA5Kt2yGypFsOgM6wBJV72mM+WcqNISONnOqxIvaItEVPsHof9x7VdcM8rYKWepU+DBLpcajkImmu+eAiO7u 3Q/UGDgwzZyCEQIBKDO3/BKE+9KAktpt12iGKQEJugy4rN9t184FJnrOeCSMv49OF90yztr+JQWQC88ns9q/bBT8YWyfEd8 utEl1CbsJagEjutl3BFhKE15BqedelUrVzD2T7Si7E53I4xI30jsjqwrRX1E/zBTE3q/ygmQB2JfwfGeulkO9S4jvs90Y=; path=/; domain=.telstra.com.au

Step 7. → Connect using GET to Site Minder server and send SMSESSION cookie.	
Step 8. ← Server returns 302, SMSESSION cookie, and redirects us to original server.	
Client Send to URL:	https://telstra.com/siteminderagent/SmMakeCookie.ccc?SMSESSION=\$SM\$R6a%2ffseOKeJR%2fcUK5%2f%2fGRszJ0khfU0o7U650ZgdTA7QBwKF%2bzakuaShhj98yohU1vfJWjsQTVbE3vKuc9TABq940%2fZkX%2fqsC60VIRSp%2bKQFWhrdwqLH5lDhZFmHTFrf%2bs3EwEzZhw7E0yiwE8HP4pyv4Jn4y0P7AtJ8HiWV34KmSX9uHxC9cunN9yMi%2bHJEYJbcYmoO7iGerDo4Y8DHVKTE6SSHexiw3EHau2oehd8FNoDor%2bAFaw3h%2fE9Jez4Rwg4JDTVyL%2b5%2bNT5Sg7xZeZqz68LyHwDrLmNp8wL7C7H%2f3Vv3ZDsGdXyyt6114r7rVjTBxrVduVho%2bNPJ689ZkKjB795uFLor0m9QZT0bcst1ZFF5D55u9y5XseYCU0oG0Q6g6cTH1bYd4VPQAFXN6JP%2bVOBuje0QcRQaAUZ9IkJOIJDfMycPT8GTWYJE3Qbvblf3knI%2fcNgN9bOu0FWlxo3L5j5NTPaTd9v7mddo7MouX5YNlPBPQhViqaoRSNcurYA0DzdzD%2fkMEq6NEBIYDZlUdQInSzTDNEPHcBeEYw7j5dlvOF1kpAbpDxCA5Kt2yGypFsOgM6wBJV72mM%2bWcqNISONnOqxIvaItEVPsHof9x7VdcM8rYKWepU%2bDBLpcajkImnu%2beAiO7u3Q%2fUGDgwzZyCEQIBKDO3%2fBKE%2b9KAktpT12iGKQeJugy4rN9t184FJnrOeCSMv49OF90yztr%2bJQWQC88ns9q%2fbBT8YWyfEd8utE11CbsJagEjutl3BFhKE15Bqede1UrVzD2T7Si7E53I4xI30jsjqwrRX1E%2fzBTE3q%2fygmQB2JfwFGeulkO9S4jvs90Y%3d&PERSIST=0&TARGET=\$SM\$https%3a%2f%2fshopfront3%2etelstra%2ecom%2eau%2fLOLOSTGCb2b%2fservices%2fActivityHistoryService
Client Sends Cookie:	SMSESSION=R6a/ffseOKeJR/cUK5//GRszJ0khfU0o7U650ZgdTA7QBwKF+zakuaShhj98yohU1vfJWjsQTVbE3vKuc9TABq940/ZkX/qsC60VIRSp+KQFWhrdwqLH5lDhZFmHTFrf+s3EwEzZhw7E0yiwE8HP4pyv4Jn4y0P7AtJ8HiWV34KmSX9uHxC9cunN9yMi+HJEYJbcYmoO7iGerDo4Y8DHVKTE6SSHexiw3EHau2oehd8FNoDor+AFaw3h/E9Jez4Rwg4JDTVyL+5+NT5Sg7xZeZqz68LyHwDrLmNp8wL7C7H/3Vv3ZDsGdXyyt6114r7rVjTBxrVduVho+NPJ689ZkKjB795uFLor0m9QZT0bcst1ZFF5D55u9y5XseYCU0oG0Q6g6cTH1bYd4VPQAFXN6JP+VOBuje0QcRQaAUZ9IkJOIJDfMycPT8GTWYJE3Qbvblf3knI/cNgN9bOu0FWlxo3L5j5NTPaTd9v7mddo7MouX5YNlPBPQhViqaoRSNcurYA0DzdzD/kMEq6NEBIYDZlUdQInSzTDNEPHcBeEYw7j5dlvOF1kpAbpDxCA5Kt2yGypFsOgM6wBJV72mM+WcqNISONnOqxIvaItEVPsHof9x7VdcM8rYKWepU+DBLpcajkImnu+eAiO7u3Q/UGDgwzZyCEQIBKDO3/BKE+9KAktpT12iGKQeJugy4rN9t184FJnrOeCSMv49OF90yztr+JQWQC88ns9q/bBT8YWyfEd8utE11CbsJagEjutl3BFhKE15Bqede1UrVzD2T7Si7E53I4xI30jsjqwrRX1E/zBTE3q/ygmQB2JfwFGeulkO9S4jvs90Y=; path=/; domain=.telstra.com.au
Server Return URL:	Location=https://shopfront3.telstra.com.au/LOLOSTGCb2b/services/ActivityHistoryService
Server Return Cookie:	SMSESSION=R6a/ffseOKeJR/cUK5//GRszJ0khfU0o7U650ZgdTA7QBwKF+zakuaShhj98yohU1vfJWjsQTVbE3vKuc9TABq940/ZkX/qsC60VIRSp+KQFWhrdwqLH5lDhZFmHTFrf+s3EwEzZhw7E0yiwE8HP4pyv4Jn4y0P7AtJ8HiWV34KmSX9uHxC9cunN9yMi+HJEYJbcYmoO7iGerDo4Y8DHVKTE6SSHexiw3EHau2oehd8FNoDor+AFaw3h/E9Jez4Rwg4JDTVyL+5+NT5Sg7xZeZqz68LyHwDrLmNp8wL7C7H/3Vv3ZDsGdXyyt6114r7rVjTBxrVduVho+NPJ689ZkKjB795uFLor0m9QZT0bcst1ZFF5D55u9y5XseYCU0oG0Q6g6cTH1bYd4VPQAFXN6JP+VOBuje0QcRQaAUZ9IkJOIJDfMycPT8GTWYJE3Qbvblf3knI/cNgN9bOu0FWlxo3L5j5NTPaTd9v7mddo7MouX5YNlPBPQhViqaoRSNcurYA0DzdzD/kMEq6NEBIYDZlUdQInSzTDNEPHcBeEYw7j5dlvOF1kpAbpDxCA5Kt2yGypFsOgM6wBJV72mM+WcqNISONnOqxIvaItEVPsHof9x7VdcM8rYKWepU+DBLpcajkImnu+eAiO7u3Q/UGDgwzZyCEQIBKDO3/BKE+9KAktpT12iGKQeJugy4rN9t184FJnrOeCSMv49OF90yztr+JQWQC88ns9q/bBT8YWyfEd8utE11CbsJagEjutl3BFhKE15Bqede1UrVzD2T7Si7E53I4xI30jsjqwrRX1E/zBTE3q/ygmQB2JfwFGeulkO9S4jvs90Y=; path=/

Step 9. → Call a web service operation sending SMSESSION cookie received in step 8.	
Step 10. ← Server returns 200, SMSESSION cookie, JSESSIONID cookie.	
Client Send to URL:	https://shopfront3.telstra.com.au/LOLOSTGCB2b/services/ServiceTemplateService
Client Sends Cookie:	SMSESSION =wgB5SLAq366jtmgClv3BRQ35MrqWpw0wk6fAQ7ooItp+oOQHxbfLEI9da88WPFQSMEEkZeMsJJtrOBZaPFw1XCy0/Y2KNA5TkG5dm59e2FetmFIFaRlyhYO1/0qEi81VPciy0txvoIaVYQEaDi3aXU8HuPR9NqKWpy/VMS9Lynor2WyZJ/kH64VYxw00M+A6g2f3PY+gkPesx3KUQGYbyxWI97WhLZlq8H0n5PwCZp7V0yjuGtfEufyZhy7pWoqAv2d/ZUBFNq6r79z15sToqhURIHlukt00uMyF86Adws5D4XntSW+AXg9abOMT0oL/ErAW3zi5OXp6/57f0cwXzuN9pAt54RTEGEh7rR9S3X5q/DdYK2ItMD+r4W1ilrcP+UPFpEJQ4EshR9uEm+8fnd6ZwOF15yIo8ggDMk0GXlgznY7w2GY+WlJ3oJJtYVaF9jbtSxRybk+QNWFArPWYWNbM7txMpdMEWMIYM1qGhsZzCt9lhbQ9RC7P8Fp7EDE7CV6Quc/9G4dNW8SZxH2hPo5kYbbp2/h+h2kjjyT0PF5vH8d7BORoOfB/6OZJ19oF+jyF9pSJhSkdpdJW08cT9DZEzJxvDexrxyZk4wt01pAiEor9z/ataStfmbMQOc0qwmGt1qCXv4tdivz/g1+SYks37/cCn+5gwrZwf+K6F//DF2V5tUmojvJQX4yTw8EkM1oM6lyhwHkPQMbAPh6FmSuWEVF+QYNHAFzD3cDTODGx6r7R0FTjDLXKRmu73P1WygYzka2z7aM8hszt9YiXImMr+vSKu+gtNnA3BUCBjnBnjAi1PZVKvcxN280pMs8as225tAJg=
Server Return URL:	none (no 305 returned, received a 200 OK http response code)
Server Return Cookie:	SMSESSION =K64PeXt/PG5JKyAZ679Y9M3w4/Rkn8iM4MqEzeGOBJYVZoUchCuVoUqzBNoWOH4Gs5ipmNZeYQp6Cxmkc3GYZGnbCK0tG34up4jfSs9u6o+ZRvV+KyQDSpPIF49TWZwsKVlGXjwfaLcLI06om4JoWYDRu0Ier28eSAe5XzwaA8SobTzCRvU+lZckIAlq1I9OKK78kPsU6ySGHvs7PUCLR83TXvMXWhTzoJLUUWNbwaNN6tMr+rYauqi270q8PkifhTcDnFv94gT/FX31gDAK9wh9+Lw5Wzed970k6BPpcwkcg5u+CEngGev0sFmSPYS8QHVsU+FbpJaLPPEcMejk2DLdy47Sajvu/Euf8asQjSHwbLyjOLIQaA6sxJ2YjNlNbvREYy0eHe3v0n33Lq71jVJxsHp5ay/o2aK44BGMrmH3Srg2jMC27MMpZW46G4nru38i4HwEkH2c0pbah8nrewL4JwnbbXHX73qUWKm58/n4z0mKtIPYZeGLQlmYGIVU+1Nmo0b/VsT3hiNAPlCLVB0Z9nyzmBP4oiXBAVzDBVSFw308mNdH+dKCoqkHyaeCfjBwtKnUfDeD4Bziw0w0ENBx/Zy1QsdqM3Pn+RwflgNU1ct1915PX8RTPvwWndBumYTHms3kV2Hkkn9WFuVuTbup0PrwlQiXzbs5UBiM1JQt9sCoXwBKSf/MwR3CYPua9IhpcKUGL2X3/HSaHCNMjVT16oAUFHonCeVbzzLmcZ66CgI5BAuOpQ8gty0pbM+Y180BueEaeFyUwJUi3of8/m7SzvaTTpk4XBBEmxTVEgKeGulcYPNySvteU7KyXFFrCUdxwCSaNs= JSESSIONID =0000PtT_0FBJcox018S33Qr1_1-:106rmff8d

Step 11. → Save JSESSIONID cookie received in Step 10.	
Persist to Database:	JSESSIONID =0000PtT_0FBJcox018S33Qr1_1-:106rmff8d;

FINISHED AUTHENTICATION

3 Authorisation Process – Transaction & HTTP Headers Examples

Step 12. For all web service calls after the login, send the most recent SMSESSION cookie and concatenate the persisted JSESSIONID cookie to the end.	
Client Send to URL:	https://shopfront3.telstra.com.au/LOLOSTGCb2b/services/AddressService
Client Sends Cookie: (The two cookies should be sent as one, in the one Set-Cookie HTTP Header)	<p>SMSESSION=kZUFQ+3ULRIwJonVVMcGdsv1IcNsojxFkzPNC2Yv7MGvARlM2f+MwhRvqntgw621/U5XpvLxVwZN82oABDwxwov/qzd8S+uyaxRzahunGUkyxQGjPJ+8Fm9pJr3+a0sD0Z7UlaUH3iesgTjxNXJ/sz33NetXnZt5+twxpD4gMcte/dhqf1OkEEUIkXx9mXADN+iKkRrGTUgFyJTYnMGiMOiEX+HUXPs2533hSH3NPQFbskD89qTfciloPBBCbv8SO7Ccnbdo7ZWJ+ndGCQd dNgp7OhUmi2SGbD43XGgHpKOrLfrGoh5C4R3Z2ywMEDOINO5n2axCanf4vqUO9Q9szGbfrJ88a3eqQMiGw57t7wNxxv0e0EXWSziUaCp80YksncwioANqKu6pWvzAWyTAAkNwRC1ZHM8cvW8510aPpOAYDzcN13Bj6S/nqSLufEgfg4APYAb5DIBVs9RPGi56hCPqsDwCSvdYJoa2Gh0VPxKc+pLyk/Gw8qh/lAVa3nTQMwHO311P/Bz4UneqYhusnuSaPkBx/wmnFvXQgcD4TE0Aeml+Lc3yaNlomyYwuUTYKJWtdqoAZ3yQ5kzzKrQb/di2lFrAxiYpokk3Jz9nVyyvHp80T3UW+NyEF/LB2zJ1UF+v6fX3mjUjsqd dykH051f6hrdepdiQyB5bc+p4v717UV+hPmPeyq6DRAiz4fAs0jSluxwj40yld7NEuKMvG9z12dwZPHFLa7LUOXbVzVzHb6sNin8IOPp6McJyPJ9onA16qlWievZai2yi6QMs7P7vBDjiBDQxbcdTnhSZ5WIN1ffTRza3woNxxk/bH+WFk5A6DQ4pv/g=;</p> <p>JSESSIONID=0000PtT_0FBJcox018S33Qr1_1-:106rmff8d</p>
Server Return URL:	none (no 305 returned, received a 200 OK http response code)
Server Return Cookie: (Note, no JSESSIONID cookie is returned. This indicates the session is being re-used correctly. If a new JSESSIONID cookie is generated for each web service call, then session management is NOT being done correctly)	<p>SMSESSION=gN0U9GONrFa9bflwIsNyxDJPsUAI0Hf3oYkvvd1tZ25M7htqaZYJk0Jn5AKuJEJk10OmWi7LLanXbYNONaCl/BV3OfnxK3pRrLlLl1TmscTBqxxENRVspDNBHBjn+RphDYrZEQUChfQW7aaCTy+F9X+5UH0QLkRX5VwqEDziMk+IGGiP/3FP+YpEhsDBRsFh3ccwVnQAhRzLdf2ZTxgXdEYf0TeIsOz1mYg+/cX57D50EJPjQO5dgTox/KWtjxHuBu73nUZQqQ7f6jmKfgWkNtDoY/FFUXCr/HPJmSxntA0jGCfiR/We3LOpBaCdZiOps6f45ctmqgBvrknPQFma94QESIFQ4VWtixCTQfW0hmhae+XbfTJWK5bi4Y0f/SOJf/C1RgzQNU0eT92S5w0Uhf1ErOa4Afffy8qq4KjH7I8aiGWw3PxUDvVy2pznDSMo9KxveNNEk1GBq/oX+Dnsk03JJ7NPNKYA+GX90c/Bb3YXDMRs8hy705tHFuJigekfLMCrBaC5qW2TNeKDNLrvXFKbD42St1IKn3ctCmC4o6R2USB CpyAHfFZ9GmdSk09A2U+tLTx/+TqCF1iKaW8RkuLmpnLu8MhWyQKur4F8Tx/qP3kxz1P1leUYEXTD8JH+98vOyQX2GJdjUz8SM9VAWiHQ42ecqmcXddueneepkyvboRS1/koV58KLHypqp3lzTWpCtr6oZQJcrLY5/hLeETEppm7bs/xxU7dMLoOk8vOThWxxldaLHUoi1J191J1R2U0Lw1+ZqeEKTv0sMBSBBDWmB6WHR0c+dwf39mfPIJvaZa/g06mlIbUZZXKFvrblsEkV5818jI=</p>

Step 13. Another web service call straight after the Step 12 web service call.	
Client Send to URL:	https://shopfront3.telstra.com.au/LOLOSTGCB2b/services/AddressService
Client Sends Cookie:	SMSESSION =SMSESSION=gN0U9GONrFa9bfLwIsNyxDJPsUAI0Hf3oYkvvd1TZ25M7htqaZYJk0Jn5AKuJEJkl0OmWI7LLanXbYNONac1/BV3OfnxK3pRr1Li11TmsctBqxxENRVspDNBHBjn+RphDYrZEQUChfQW7aaCTy+F9X+5UH0QLkRX5VwqEDziMk+IGGiP/3FP+YpEhsDBRsFh3ccwVnQAhrZLdf2ZTgxXdeYf0TeIsOzlmYg+/cX57D50EJPjQ05dgTox/KWtjxHuBu73nUZQqQ7f6jmKfgWkNtDoY/FFUXCr/HPJmSxntA0jGCfiR/We3LOpBaCdZIOps6f45ctmqgBvrknPQFMa94QESIFQ4VWtixCTQfw0hmhae+XbftJWK5bi4Y0f/SOJf/C1RgzQNU0eT92S5w0UhfilerOa4Afffy8qq4KjH7I8aiGww3PxUDvVy2pznDSMo9KxveNNEk1GBq/oX+Dnsk03JJ7NPNKYA+GX90c/Bb3YXDMRs8hy705tHFuJigekFlMcrBaC5qW2TNeKdNlrvXFKbD42St1IKn3ctCmC4o6R2USBCpyAHfFZ9GmdSk09A2U+tLTx/+TqCF1iKaW8RkuLmpnLu8MhWyQKur4F8Tx/qP3kxz1P1leUYEXtD8JH+98v0yQX2GJdjUz8SM9VAWiHQ42ecqmcXddueneepkyvboRS1/koV58KLHypqp3lzTWpCtr6oZQJcrLY5/hLeETEppm7bs/xxU7dMLoOk8vOThWxxldaLHUo1J191J1R2U0Lw1+ZqeEKTv0sMBSBBDWmB6WHR0c+dwf39mfPIJvaZa/g06mlIbUZZXKFvrb1sEkV5818jI=; JSESSIONID =0000PtT_0FBJcox018S33Qr1_1-:106rmff8d
Server Return URL:	none (no 305 returned, received a 200 OK http response code)
Server Return Cookie:	SMSESSION =pLMkSMLNL4pn3/RwS24RIAXVeY5YFS7evNcIE8XUrEz+lwmmTJGppJxad96nZrbswlyl3nXC2ZZXI7Sam5EWeqruAsgIx9zTHt0o4iAWhz/Zvjpc3q23G4+Arv0lfQMI6KZcrqgybyNIEsxlfdUXRVhrKgIspDkkHs06pxtfidzfz5iH197SeaPF/RuqCTBkXk4o/fmwR29I1cedtYZCdVatr4q+mMN2jQ0j31H55v02qbmnpnW5xmTLTOYONG68JmZbp5QOTqPHZuOXKSn5ulHeFoCbAIFkwsQ7AyyFdQUmrX/Fb0KaB8gOPWFk88ow50rTfCk0quFfx82DHWKFkukARBTLcAY5G7xvY80QXvc+hHe0v/mA5vZIEtR6+WcN1OeboZYNzvh5pwkaVCcmHgOySppNvY6u08zbq4umU45CUcUabtXG6sR88dbDeb3wIApps40JXs46bml1v/sx4XMz6BoLANLf6aEKbDXhvUC7/VNdeLwCJ1UEegaHHyMBSQ0XSev67k6ZiQT/4ThZRz+DmaZcq4qhviE3AgGzne89IkukSfA/fr/GrhTyTyLKDW/qBmotMPbsnyi76JikP5PT/JFSiGQ/yCV4UgYCNIA47vbNTIQxmNZDiVvlHHFQNSCFQJAVdpcbkCtexc0NJZb6E16/BtlGa3OsiULwf4jsjgYfZLrnL9jruOEC3n0jAeC1oqxc8ZP17f4YQ/xdN13f5YTG175+e2b5pBa2hIDK5+5RJe5Q99Q/aeqbkFur9sunoBSWLYtEcwus9hq1k4DVlGc/L40jpHxhdTdMdm9B53zMFm2+U9eRKDj84h0jTfS7aSRCS6hw=

FINISHED AUTHORISATION