**EMS Certificate Renewals**

**Traffic Movement Steps**

**Reston DC Traffic movement steps**

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| Disable Reston datacenter in GTM for these URL’s  WP1 :  wupos.westernunion.com  wupos.westernunion.net  LBW-WP1:  orgin-wuposlb.westernunion.com  LBW-WP2:  origin-wuposlb-tablet.westernunion.com  LBW-HPOS:  orgin-hposlb.westernunion.com  WP2 :  wupos2.westernunion.com  wupos2.westernunion.net  wupos-tablet.westernunion.com  wupos-tablet.westernunion.net  HPOS :  hpos.westernunion.com  hpos.westernunion.net  retailauth.westernunion.com  retailauth.westernunion.net | ITIO Webhosting |
| "Put RS-CH remote pool members in “Enable” Mode.  In few minutes, put Reston local pool members in “Disabled” Mode. (This is to allow for faster draining in RESTON)  In few minutes, put CH-RS remote Pool members in “Disable” Mode. (This should be the pre-deployment state).  URLs to be suspended at LTM,  WP1 :  wupos.westernunion.com  wupos.westernunion.net  LBW - WP1:  origin-wuposlb.westernunion.com  LBW WP2:  origin-wuposlb-tablet.westernunion.com  WUPOS\_COMMON\_PROD\_WUPOSTABLET\_ORIGIN  HPOS:  pool\_hpos.westernunion.net  hpos.westernunion.com  orgin-hposlb.westernunion.com  WP2:  WUPOS\_COMMON\_PROD\_WUPOS2\_COM  WUPOS\_COMMON\_PROD\_WUPOS2\_NET  WUPOS\_COMMON\_PROD\_WUPOSTABLET\_COM  WPOS\_COMMON\_PROD\_WUPOSTABLET\_NET  wupos2.westernunion.com  wupos2.westernunion.net  wupos-tablet.westernunion.com\_443  wupos-tablet.westernunion.net\_443 | **ITIO Webhosting team** |
| Put all Reston SILO’s in draining mode via Apache load balancer. | **ITIO Webhosting** |
| 1.Check sessions in Reston DC via dynaTrace  2.If sessions in dynaTrace<600 use the Rundeck job to set the MBean on the Jettys.  3.Verify Maintenance screen displays on all 12 WUPOS Jettys via Rundeck job.  4.After 3 min of MBean being set, the following steps need to be done on all the LTM urls:  4.1 Put the CH->RS remote pool members in “Force offline” mode.  4.2Put Reston local pool members in “Force offline” Mode. (This is to prevent Agents with hardcoded Ip’s to come into Reston)  4.3 RS->CH remote pool members and Chicago local members should be in Enable Mode. | **ITIO Webhosting** |
| Make sure that traffic is draining on All Reston Jettys. | **ITIO Webhosting** |
| EMS Cert Renewal activity | **ITIO TIBCO** |
| * Traffic enable steps post Cert renewal   Remove M-Bean for all the jetty instances | **ITIO Webhosting** |
| * Enable Reston instances on Apache load Balancer level | **ITIO Webhosting** |
| * Enable local pool members in Reston LTM. Disable Remote pool members in Reston LTM, for all LTM URLs mentioned below. * WP1 : * wupos.westernunion.com * wupos.westernunion.net * LBW - WP1: * origin-wuposlb.westernunion.com * LBW WP2: * origin-wuposlb-tablet.westernunion.com * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_ORIGIN * HPOS: * pool\_hpos.westernunion.net * hpos.westernunion.com * orgin-hposlb.westernunion.com * WP2: * WUPOS\_COMMON\_PROD\_WUPOS2\_COM * WUPOS\_COMMON\_PROD\_WUPOS2\_NET * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_COM * WPOS\_COMMON\_PROD\_WUPOSTABLET\_NET * wupos2.westernunion.com * wupos2.westernunion.net * wupos-tablet.westernunion.com\_443 * wupos-tablet.westernunion.net\_443 | **ITIO Webhosting** |
| * Sanity for WP1,WP2 and HPOS( refer ETOC sanity doc) | ETOC |
| * Enable remote pool members from Chicago to Reston. * Next make the Local pool members in both DC's in "Enable" mode and Remote pool members are in "Disable" mode. * WP1 : * wupos.westernunion.com * wupos.westernunion.net * LBW - WP1: * origin-wuposlb.westernunion.com * LBW WP2: * origin-wuposlb-tablet.westernunion.com * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_ORIGIN * HPOS: * pool\_hpos.westernunion.net * hpos.westernunion.com * orgin-hposlb.westernunion.com * WP2: * WUPOS\_COMMON\_PROD\_WUPOS2\_COM * WUPOS\_COMMON\_PROD\_WUPOS2\_NET * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_COM * WPOS\_COMMON\_PROD\_WUPOSTABLET\_NET * wupos2.westernunion.com * wupos2.westernunion.net * wupos-tablet.westernunion.com\_443 * wupos-tablet.westernunion.net\_443 | ITIO WEBHOSTING |
| * enable Traffic in GTM to Reston Jetty instances for these URL’s.   WP1 :  wupos.westernunion.com  wupos.westernunion.net  LBW-WP1:  orgin-wuposlb.westernunion.com  LBW-WP2:  origin-wuposlb-tablet.westernunion.com  LBW-HPOS:  orgin-hposlb.westernunion.com  WP2 :  wupos2.westernunion.com  wupos2.westernunion.net  wupos-tablet.westernunion.com  wupos-tablet.westernunion.net  HPOS :  hpos.westernunion.com  hpos.westernunion.net  retailauth.westernunion.com   * retailauth.westernunion.net | ITIO WEBHOSTING |

**Chicago DC Traffic movement**

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| Disable Chicago datacenter in GTM for these URL’s  WP1 :  wupos.westernunion.com  wupos.westernunion.net  LBW-WP1:  orgin-wuposlb.westernunion.com  LBW-WP2:  origin-wuposlb-tablet.westernunion.com  LBW-HPOS:  orgin-hposlb.westernunion.com  WP2 :  wupos2.westernunion.com  wupos2.westernunion.net  wupos-tablet.westernunion.com  wupos-tablet.westernunion.net  HPOS :  hpos.westernunion.com  hpos.westernunion.net  retailauth.westernunion.com  retailauth.westernunion.net | ITIO Webhosting |
| In few minutes, put Chicago local pool members in “Disabled” Mode. (This is to allow for faster draining in RESTON)  In few minutes, put RS-CH remote Pool members in “Disable” Mode. (This should be the pre-deployment state).  URLs to be suspended at LTM,  WP1 :  wupos.westernunion.com  wupos.westernunion.net  LBW - WP1:  origin-wuposlb.westernunion.com  LBW WP2:  origin-wuposlb-tablet.westernunion.com  WUPOS\_COMMON\_PROD\_WUPOSTABLET\_ORIGIN  HPOS:  pool\_hpos.westernunion.net  hpos.westernunion.com  orgin-hposlb.westernunion.com  WP2:  WUPOS\_COMMON\_PROD\_WUPOS2\_COM  WUPOS\_COMMON\_PROD\_WUPOS2\_NET  WUPOS\_COMMON\_PROD\_WUPOSTABLET\_COM  WPOS\_COMMON\_PROD\_WUPOSTABLET\_NET  wupos2.westernunion.com  wupos2.westernunion.net  wupos-tablet.westernunion.com\_443  wupos-tablet.westernunion.net\_443 | **ITIO Webhosting team** |
| Put all Chicago, SILO’s in draining mode via Apache load balancer. | **ITIO WEBHOSTING** |
| 1.Check sessions in Chicago DC via DynaTrace  2.If sessions in dynaTrace<600 use the Rundeck job to set the MBean on the Jettys.  3.Verify Maintenance screen displays on all 12 WUPOS Jettys via Rundeck job.  4.After 3 min of MBean being set, the following steps need to be done on all the LTM urls:  4.1 Put the RS->CH remote pool members in “Force offline” mode.  4.2 Put CHICAGO local pool members in “Force offline” Mode. (This is to prevent Agents with hardcoded Ip’s to come into Reston)  4.3 CH->RS remote pool members and Reston local members should be in Enable Mode. | **ITIO Webhosting** |
| Make sure that traffic is draining on All Chicago Jettys. | **ITIO Webhosting** |
| * EMS Cert Renewal activity | **ITIO TIBCO** |
| * Traffic enable steps post Cert renewal   Remove M-Bean for all the jetty instances | **ITIO Webhosting** |
| * Enable Reston instances on Apache load Balancer level | **ITIO Webhosting** |
| * Enable local pool members in Chicago LTM. Disable Remote pool members in Chicago LTM, for all LTM URLs mentioned below * WP1 : * wupos.westernunion.com * wupos.westernunion.net * LBW - WP1: * origin-wuposlb.westernunion.com * LBW WP2: * origin-wuposlb-tablet.westernunion.com * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_ORIGIN * HPOS: * pool\_hpos.westernunion.net * hpos.westernunion.com * orgin-hposlb.westernunion.com * WP2: * WUPOS\_COMMON\_PROD\_WUPOS2\_COM * WUPOS\_COMMON\_PROD\_WUPOS2\_NET * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_COM * WPOS\_COMMON\_PROD\_WUPOSTABLET\_NET * wupos2.westernunion.com * wupos2.westernunion.net * wupos-tablet.westernunion.com\_443 * wupos-tablet.westernunion.net\_443 * Russia WP1 And WP2: * WUPOS2\_PROD\_SHARED\_RU * WUPOS\_PROD * WUPOS\_PROD\_cd-plugin | **ITIO Webhosting** |
| * ETOC Sanity for WP1,WP2,HPOS(refer ETOC sanity doc) | **ETOC** |
| * Enable remote pool members from Reston to Chicago * Next make the Local pool members in both DC's in "Enable" mode and Remote pool members are in "Disable" mode. * WP1 : * wupos.westernunion.com * wupos.westernunion.net * LBW - WP1: * origin-wuposlb.westernunion.com * LBW WP2: * origin-wuposlb-tablet.westernunion.com * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_ORIGIN * HPOS: * pool\_hpos.westernunion.net * hpos.westernunion.com * orgin-hposlb.westernunion.com * WP2: * WUPOS\_COMMON\_PROD\_WUPOS2\_COM * WUPOS\_COMMON\_PROD\_WUPOS2\_NET * WUPOS\_COMMON\_PROD\_WUPOSTABLET\_COM * WPOS\_COMMON\_PROD\_WUPOSTABLET\_NET * wupos2.westernunion.com * wupos2.westernunion.net * wupos-tablet.westernunion.com\_443 * wupos-tablet.westernunion.net\_443 * Russia WP1 And WP2: * WUPOS2\_PROD\_SHARED\_RU * WUPOS\_PROD * WUPOS\_PROD\_cd-plugin | **ITIO Webhosting** |
| * enable Traffic in GTM to Reston Jetty instances for these URL’s.   WP1 :  wupos.westernunion.com  wupos.westernunion.net  LBW-WP1:  orgin-wuposlb.westernunion.com  LBW-WP2:  origin-wuposlb-tablet.westernunion.com  LBW-HPOS:  orgin-hposlb.westernunion.com  WP2 :  wupos2.westernunion.com  wupos2.westernunion.net  wupos-tablet.westernunion.com  wupos-tablet.westernunion.net  HPOS :  hpos.westernunion.com  hpos.westernunion.net  retailauth.westernunion.com   * retailauth.westernunion.net | **ITIO WEBHOSTING** |
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