

# X Layer testnet upgrade from FEP to PP

## 1. Preparation

### 1.1 Overall

S.N.	Content	Status	Details	Remarks
1	Polygon team propose the add new rollup type	<input type="checkbox"/>	Polygon team upgrade rollup manage contract to add PP rollup type	25(28)th July
2	Polygon team execute the scheduled transaction	<input type="checkbox"/>	After 10 days delay, Polygon team execute the scheduled transaction	6th August
3	X Layer halt sequence sender	<input type="checkbox"/>	Halt sequence sender, so that all batches submitted to L1 will verified finally	
4	Polygon team execute <code>initMigrationToPP</code>	<input type="checkbox"/>	After all batches was verified by L1, Polygon team execute migration.	
5	X Layer start aggSender	<input type="checkbox"/>	Start aggSender to send the big certificate	


## 2. Prepare

S.N	Content	Status	Remarks
1	Contract version	<input type="checkbox"/>	
2	Erigon version	<input type="checkbox"/>	
3	aggSender version	<input type="checkbox"/>	
4	Bridge version	<input type="checkbox"/>	
5	aggSender PVC	<input checked="" type="checkbox"/>	Stateful service with 50G Disk
6	aggSender network	<input checked="" type="checkbox"/>	Need deploy on limit network nodes
7	aggLayer network	<input checked="" type="checkbox"/>	

			Is it the same with aggregator's submit URL, if not need whitelist
8	aggSender configure	<input type="checkbox"/>	Different from official ones, as we need asset teams to sign the certificate.
9	Double check service is ready	<input type="checkbox"/>	
10	Double check service's network whitelist(finality)	<input type="checkbox"/>	<ul style="list-style-type: none"> <li>Check double check's URL :</li> <li>Add whitelist on X Layer</li> </ul>
11	Asset manage team's signer is ready	<input type="checkbox"/>	
12	Notify asset team not do the bridge	<input type="checkbox"/>	
13	Nacos server URL whitelist	<input type="checkbox"/>	
14	Prerun aggSender L1	<input type="checkbox"/>	

### 3. Procedure

S.N	Content	Status	Details	Remarks
1	Stop aggSender	<input type="checkbox"/>	Set dryrun = true, maybe no need to sleep aggsender?	
2	Stop sequence sender	<input type="checkbox"/>	Add sleep to the command, Let sequence sender sleep forever.	
3	Wait for the sequences been verified	<input type="checkbox"/>	sequencer aggregator check the aggregator's log	
4	Polygon team execute initMigrationTool	<input type="checkbox"/>		
5	Configure aggSender	<input type="checkbox"/>	Configure 代码块	

			<pre> 1 AggsenderPrivateKey = { 2     addr = 3     "0x1a13bddcc02d363366e04d4aa58 4     8d3c125b0ff6f", 5     signServiceURL = 6     "https://assetonchain.coinall. 7     ltd/priapi/v1/assetonchain/eco 8     logy/ecologyOperate", 9     signatureQueryURL = 10    "https://assetonchain.coinall. 11    ltd/priapi/v1/assetonchain/eco 12    logy/querySignDataByOrderNo", 13    symbol = "3289" // 14    testnet 2 15 }</pre>	<ul style="list-style-type: none"> <li>Check certificate size (according to John we can use 1C4G)</li> </ul>
6	Run aggSender	<input type="checkbox"/>		Potential syncing process
7	Wait for aggSender submit the certificate	<input type="checkbox"/>		Test on testnet2
8	Modify Seq's configure	<input type="checkbox"/>	<p>代码块</p> <pre> 1 # remove following configures 2 zkevm.executor-urls: xlayer- 3   executor:50071 4 zkevm.executor-urls: "" 5 zkevm.executor-strict: false 6 zkevm.witness-full: false 7 8 seq add the following 9   configures (zkevm.skip- 10    analysis-group-api if false, 11    need enable nacos related 12    configures) : 13 14 zkevm.verification-batch- 15   delay: 2 16 17 zkevm.skip-analysis-group- 18   api: true 19 20 # zkevm.analysis-group-nacos- 21   urls: "url1:80,url2:80"</pre>	<ol style="list-style-type: none"> <li>1. <code>zkevm.verification-batch-delay</code> needs final decision by  Kami Ye</li> <li>2. need whitelist the analysis-group service ip.</li> </ol>

			<div>11 # zkevm.analysis-group-nacos-namespace: "ns-global"</div> <div>12 # zkevm.analysis-group-service-name: "analysis-group"</div> <div>13 # zkevm.analysis-group-api-path: "api/v1/196/validHeight"</div>	
9	Upgrade seq version with dev-pp branch	<input type="checkbox"/>		
10	Upgrade RPC with dev-pp branch	<input type="checkbox"/>		
11	Bridge From L1 <> L2	<input type="checkbox"/>		

## 4. Post-upgrade

Content	Status	Details	Remarks
Rm related alarm	<input type="checkbox"/>	Remove virtual batch number / verified batch number etc related alarm.	
Add finalized block alarm	<input type="checkbox"/>	Add alarm for finalized block	