Segregated Network Onboarding Process

Prior to onboarding onto a Segregated Network (SN), clients will need to detail their technical specifications to R3 via a SN requirements form (end of this document). R3 will send you a URL, and subsequently, clients are typically required to set up and run their own notary, which means that R3 needs to **update the SN network parameters with the notary service identity** on your behalf. This requires some coordination with R3 Support, outlined below.

**Step 1: Client requests SN.**

Fill in SN requirements form and submit as a Task ticket to [Corda Network Support Portal.](https://r3-cev.atlassian.net/servicedesk/customer/portal/7) Please note that the average time to deliver a SN environment is 4-6 weeks. See SN requirements form at the end of this page for more information.

**Step 2: R3 delivers Network Map URL.**

Once the SN is built, you will be sent a dedicated Network Map URL in a password-protected file over email or as agreed via the ticket raised in Step 1. This file will contain other relevant details about your environment and R3 Support will be in touch with you directly over this ticket, to request more information about who to send this information.

**Step 3: Client registers Notary service identity.**

Information sent to you by Support (including your uniqueNetwork Map URL) allows you to configure your notary service identity and notary worker nodes. Please consult [this](https://docs.corda.net/docs/corda-enterprise/4.8/corda-network/setup-segregated-notary.html) page for a technical overview and [this](https://corda.network/joining-corda-network/onboarding-workflow) page for step-by step business process.Please note that while the Doorman details will be the same as in the [onboarding workflow](https://corda.network/joining-corda-network/onboarding-workflow), the **Network Map URL is unique to your environment**.

To ensure that your CSR requests for notary service identity and notary worker nodes will not have any errors, please submit your proposed X500 name for pre-approval over the same ticket raised in Step 1. Instructions on how to fill in the fields of an X500 certificate can be found in the Corda Network [Rulebook](https://corda.network/corda-network-rulebook/allowable-identity-names-on-corda-network).

At the end of the node registration when your CSR request has been approved, a nodeInfo-xxx file should automatically be generated. This file contains details needed for R3 to update the network parameters with.

**Step 4: Client submits nodeInfo-xxx file to Support.**

Please submit nodeInfo-xxx file containing your notary service identity within a week after receiving your Network Map URL in the Support ticket.

**Step 5: R3 updates network parameters.**

R3 needs to update network parameters with your notary details on your behalf (as it is running the Network Map service for you).

After the network parameters have been updated, [start the notary worker nodes](https://docs.corda.net/docs/corda-enterprise/4.8/node/deploy/starting-components.html#starting-a-corda-node). This will be coordinated via a support ticket between you and R3 Support.

Segregated Network Requirements Form

Prerequisites for requesting a Segregated Network:

* Signed Participant Terms of Use
* Access to Corda Network Support Portal

*If you don’t have access to the Support Portal, please contact your R3 Account Manager.*

Step 1: Please fill in the form below and submit to [Corda Network Support Portal.](https://r3-cev.atlassian.net/servicedesk/customer/portal/7)

* Select ‘New Task’
* Insert ‘Request for Segregated Network’ in the Summary field
* Select ‘Unknown Environment’
* Attach this document or paste the table below in the Description field
* Press ‘Send’

|  |  |  |  |
| --- | --- | --- | --- |
| 1. **Segregated Network (SN) Delivery Dates** | | | |
| 1.1 | | Preferred delivery date for the Pre-Production SN?\* | |
| Answer: | |  | |
| 1.2 | | Preferred delivery date for the Production SN?\* | |
| Answer: | |  | |
| *Comments:* | | | |
| 1. **Version of Corda** | | | |
| 2.1 | Which version of Corda software do you intend to run? | | |
| Answer: |  | | |
| *Comments:* | | | |
| 1. **Standard Network Parameters** | | | **Special requirements (if applicable)** |
| 3.1 | | maxMessageSize=20971520 |  |
| 3.2 | | maxTransactionSize=10485760 |  |
| 3.3 | | eventHorizon=PT720H |  |
| *Comments:* | | | |
| 1. **Private Notary** | | | |
| 4.1 | You are expected to build and run your own Private Notary. | | |
| *Comments:* | | | |

*\*We will do our best to accommodate preferred dates, but specific delivery dates must be confirmed by our internal operations team.*