<https://gitlab.com/cordite/network-map-service>

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| **HTTP Method** | **Path** | **Description** | **Call Hierarchy** |  |
| POST | /certificate | Create new certificate request record and stored for further approval process, server will response with a request ID if the request has been accepted. | NetworkMapService(166) => NetworkMapService(264) => CertificateManager(141) | 1.kotlin/io/cordite/networkmap/service/X500.kt  2.如果Root/NetworkMap/Doorman Certificate不存在，就gen一个。如果dev是true，则使用Corda提供的Doorman Certificate。 |
| GET | / certificate/{requestId} | Retrieve certificates for requestId, the server will return HTTP 204 if request is not yet approved or HTTP 401 if it has been rejected. | NetworkMapService(167) => NetworkMapService(271) => CertificateManager(157) | 将Root、Doorman和Node三份Certificate打成zip返回。 |

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| **HTTP Method** | **Path** | **Description** | **Call Hierarchy** |  |
| POST | /network-map/publish | For the node to upload its signed NodeInfo object to the network map. | NetworkMapService(155) => NetworkMapService(251) =>  NetworkMapServiceProcessor(88、121) | 1.kotlin/io/cordite  /networkmap/serialization/SerializationEnvironment.kt  2. |
| GET | /network-map | Retrieve the current signed public network map object. The entire object is signed with the network map certificate which is also attached. | NetworkMapService(154) => NetworkMapService(232) => NetworkMapServiceProcessor(393) => NetworkMapServiceProcessor(397) |  |
| GET | /network-map/node-info/{hash} | Retrieve a signed NodeInfo as specified in the network map object | NetworkMapService(157) => NetworkMapService(319) |  |
| GET | /network-map/network-parameters/{hash} | Retrieve the signed network parameters (see below). The entire object is signed with the network map certificate which is also attached. | NetworkMapService(158) => NetworkMapService(339) |  |