

Nordic Institute for
Interoperability
Solutions



What's new in X-Road 6.25.0?

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Release notes

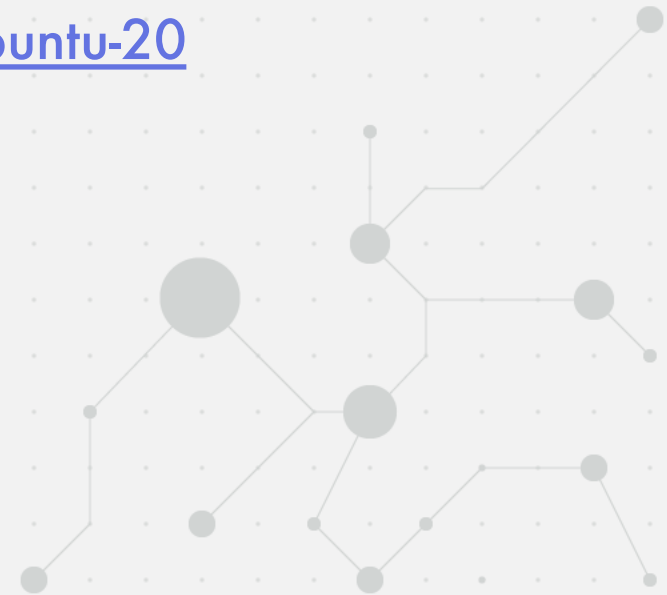
- ▶ The official release notes are available at:
 - ▶ <https://confluence.niis.org/display/XRDKB/X-Road+v6.25.0+Release+Notes>





Support for Ubuntu 20.04 LTS

- ▶ Security Server can be migrated from Ubuntu 18.04 LTS to the latest Ubuntu 20.04 LTS version.
- ▶ Migration instructions are available at:
 - ▶ <https://confluence.niis.org/label/XRDKB/security-server+ubuntu-20>





Enhancements

- ▶ Improve security by securing communications between local X-Road processes running on the same server (e.g., signer, proxy).
 - ▶ Before the change any user with console access could for example invoke signer operations (sign a message, create or delete a key etc.).
 - ▶ Now **root** or **xroad** system user privileges are required.
 - ▶ The communication is secured using TLS and mutual authentication between the components.
- ▶ Add validation to service URLs when a new SOAP service is added on the Security Server.
 - ▶ When a new WSDL service description is added, all service URLs must begin with "http://" or "https://".





Enhancements

- ▶ Make API keys read-only on secondary nodes in a Security Server cluster.
 - ▶ API keys are created on the primary node and replicated to all secondary nodes together with other configuration data.
 - ▶ Starting from version 6.25.0 only API keys with the observer role can be used to access the Security Server management API on secondary nodes in a Security Server cluster.
 - ▶ The API keys with the observer role can be used to read configuration from secondary nodes.
 - ▶ In case an API key is not associated with the observer role, the API key does not grant any permissions on secondary nodes.





Enhancements

- ▶ The Security Server installation guide provides more information about:
 - ▶ required network configuration
 - ▶ deployment options
 - ▶ how the database setup can be customised
 - ▶ database user roles and how they can be customised.
- ▶ The Security Server REST management API documentation provides more information about validation errors and warning responses.





Bug fixes

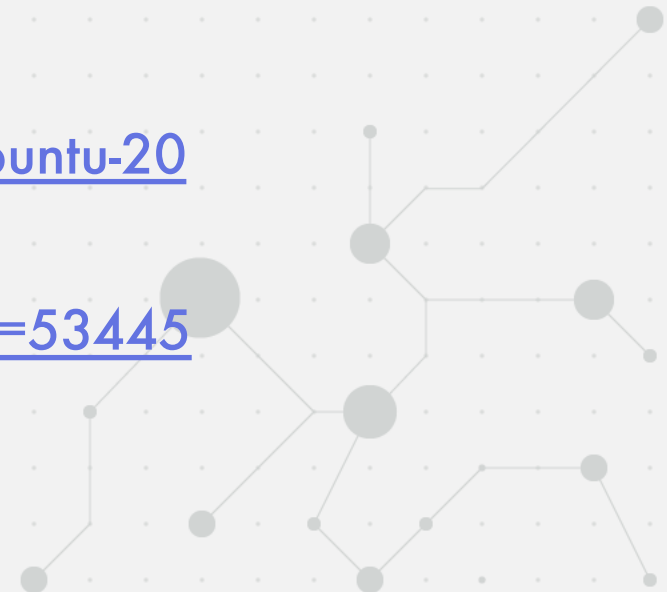
- ▶ Fix an issue that caused proxy-ui-api module to log into rsyslog.
- ▶ Fix an issue that caused an error message to be shown to the user when navigating to the Security Server UI login page.
- ▶ Fix an issue that caused signer to become unresponsive when system time jumps 10 seconds or more, e.g., during a snapshot freeze or when a virtual machine is suspended.
- ▶ Fix an issue that caused members and clients from federated instances to be included in Add member and Add client views.
- ▶ Minor bug fixes to the Security Server UI.





New Knowledge Base Articles

- ▶ How to fix a failed Security Server database migration manually:
 - ▶ <https://confluence.niis.org/pages/viewpage.action?pageId=46104959>
- ▶ From Ubuntu 18.04 to Ubuntu 20.04 migration guides:
 - ▶ <https://confluence.niis.org/label/XRDKB/security-server+ubuntu-20>
- ▶ How to interpret Security Server proxy error messages:
 - ▶ <https://confluence.niis.org/pages/viewpage.action?pageId=53445058>





Official documentation

- ▶ Installation guides (1. Ubuntu, 2. RHEL):

1. https://docs.x-road.global/Manuals/ig-ss_x-road_v6_security_server_installation_guide.html
2. https://docs.x-road.global/Manuals/ig-ss_x-road_v6_security_server_installation_guide_for_rhel.html

- ▶ User guide:

- ▶ https://docs.x-road.global/Manuals/ug-ss_x-road_6_security_server_user_guide.html





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