

DNB Cyber Security Roadmap

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Introduction



The purpose of this presentation is to tell the story of why and how we have established DNB's Cyber Security Roadmap



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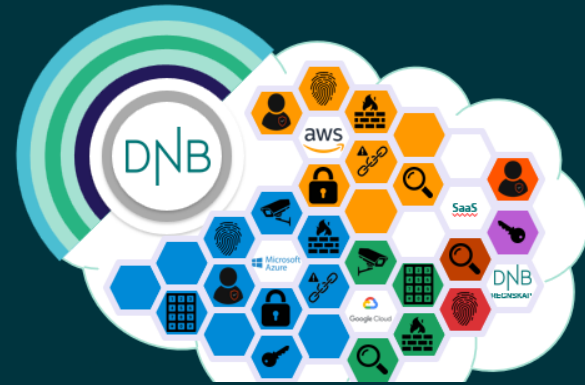
DNB is Norway's largest bank and a key player in the Norwegian economy



We have **2 million** personal customers and **232 000** corporate customers



Norway's **largest mobile banking service**, with 1,8 million users, and **most prominent internet bank**, with 1,5 million users



DNB's hybrid IT requires holistic defense in depth

Background and purpose

- In 2020, it was decided to establish a methodical approach to increase DNB's cyber security maturity, reduce the cyber risk and close gaps in security controls. The result was Cyber Security Roadmap 2020-2024.
- More than 300 tasks were identified and distributed to more than 40 IT teams across the DNB organisation.

Roadmap Vision

- Reduce DNB's highest operational ~~cyber security~~ risks
- Increase the ~~DNB's~~ cyber security maturity towards ~~our~~ peers
- Support the Group Tech Strategy

Business input to roadmap

- DNB's overall strategy and goals
- The latest view on IT Security risks in DNB
- Internal audit reports
- Key benchmark recommendations
- DNBs Security Policy and Standards



Cyber Security Roadmap 2021-2024

What we have done:

- Set a core team to support the initiative across the full organisation.
- Identified a set of main initiatives to increase cyber security maturity in DNB.
- Assigned detailed tasks to the backlog of each IT team by category and mapped to the NIST framework
- Initiated tasks from central teams and sent to all IT teams for execution.
- Used a common toolbox based on DNBs IT Operating model
- Core team supports measuring and reporting of progress.

Framework and measurement

Chose NIST CSF
- and staying with it



External benchmark
– every 18 months



Tool to measure –
but not the only
measurement



Reporting to group
management and
BoD



Roadmap implementation success factors



Organisational anchoring



Communication and information



One-to-many tasks



Central support initiatives

Lessons learned // dette funka fordi:



Choose a framework to support you



Set a core team and mobilise the organisation



Set defined targets, measure and report regularly



Start imperfect and focus on continuous improvement

DNB