




one nz Network Shutdown Roadmap Journey User Guide

[Home](#) » [one nz](#) » one nz Network Shutdown Roadmap Journey User Guide 

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Network Shutdown Roadmap Journey Guide

To assist in minimising disruption to your operations, this guide offers essential milestones and considerations to aid you in preparing for the imminent shutdown of our 3G network.



Contents

- [1 Introduction](#)
- [2 Roadmap Journey](#)
- [3 Migration Plan](#)
- [4 Documents / Resources](#)
 - [4.1 References](#)

Introduction

As telecommunication networks evolve, it's essential for IoT businesses to adapt to changes such as the shutdown of 2G and 3G networks. This guide aims to assist IoT business customers in preparing their operations and solutions for a smooth transition. Below is a roadmap journey and migration plan to help you navigate through this process effectively.

Roadmap Journey

1. Assessment Phase

- Evaluate your current IoT solutions and infrastructure to identify devices reliant on 2G and 3G networks.
- Determine the impact of the shutdown on your business operations and customer services.
- Analyse the compatibility of your devices with alternative networks such as 4G LTE, NB-IoT.

2. Communication and Awareness

- Inform all stakeholders, including customers, partners, and internal teams, about the impending shutdown and its implications.
- Provide clear communication channels for inquiries and support regarding the transition process.
- Educate customers on the benefits of migrating to newer technologies and the potential impact on their IoT deployments.

3. Migration Planning

- Develop a comprehensive migration plan outlining timelines, milestones, and responsibilities.
- Prioritize devices and solutions for migration based on criticality and dependency on 2G/3G networks.
- Need further assistance? Let us know we will help with your migration plan and test your devices.

4. Testing and Validation

- Conduct thorough testing of your alternative device using our IoT Evaluation Packs to ensure compatibility and reliability.
- Validate the performance of migrated devices under real-world conditions to identify and address any issues proactively.
- Develop contingency plans to mitigate potential disruptions during the migration process.

5. Deployment and Rollout

- Execute the migration plan in phases, starting with non-critical devices and gradually transitioning to mission-critical ones.
- Provide training and support to internal teams responsible for deploying and managing the new network infrastructure.
- Monitor the transition closely and address any unforeseen challenges promptly to minimize downtime.

6. Post-Migration Optimization

- Continuously monitor the performance of migrated devices and optimise network configurations for improved efficiency.
- Gather feedback from customers and stakeholders to identify areas for further improvement.
- Stay updated on emerging technologies and industry trends to future-proof your IoT solutions against similar transitions.



Migration Plan

1. Inventory Assessment

- Identify all IoT devices and solutions operating on 2G and 3G networks.
- Classify devices based on criticality and compatibility with alternative networks.

2. Network Evaluation

- Evaluate available alternative networks (e.g., 4G LTE, NB-IoT, LoRaWAN) based on coverage, reliability, and cost-effectiveness.
- Determine the most suitable network technology for each category of IoT devices.

3. Migration Timeline

- Establish a timeline for the phased migration of devices, considering factors such as contractual obligations, network availability, and resource constraints.

4. Vendor Collaboration

- Collaborate with IoT device vendors and network providers to facilitate the migration process.
- Ensure that vendors provide necessary firmware updates and technical support for migrating devices to new networks.

5. Customer Communication

- Communicate the migration plan to customers well in advance, providing clear instructions and timelines for the transition.
- Offer assistance and support to customers throughout the migration process, addressing any concerns or issues promptly.

6. Testing and Validation

- Conduct rigorous testing of migrated devices in controlled environments to ensure seamless integration with the new network infrastructure.
- Validate interoperability and performance under various scenarios to identify and rectify potential issues.

7. Post-Migration Support

- Provide ongoing support to customers and stakeholders following the migration, offering assistance with troubleshooting and optimization.
- Continuously evaluate the performance of migrated devices and network infrastructure, making necessary adjustments to optimise efficiency and reliability.

8. Deployment and Monitoring

- Deploy migrated devices according to the predetermined schedule, closely monitoring network connectivity and performance.
- Implement monitoring mechanisms to track the status of devices post-migration and address any anomalies or disruptions.

By following this roadmap journey and migration plan, IoT businesses can effectively prepare for the shutdown of 2G and 3G networks, ensuring minimal disruption to operations and seamless transition to alternative connectivity solutions.





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References

- [User Manual](#)

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