1.

2.

3.

4. link naat topologie belangerijk voor context voor alerting & monitoring

5. netwerk topologieen zeer belangerijk de root van alles (nummer 1 kirteria = dat ze correct zijn)

bv. zijn er tools die dat kunnen doen (monitoren/mappen) welke?

beheren van netwerk

- asset management

- kennen & beheren van credentails

- ...

wat is fail early apploch vs fault tolorant

single source of thruth

(is er open source sofware even goed als payd)

uptime vs beschikbaarheid

99,999 hoe en wat

onderzoek doen naar verschillende network topologies mapping tools

(open source payed)

intervieuw met enquite + onderzoek hoe enquite

1. Network Topology Mapping:

* Visualization
* Connectivity
* Diagramming tools
* Graphical representation
* Layout of network components

2. Large-Scale Communication Network:

* Extensive reach
* High capacity
* Geographical span
* Numerous interconnected subnetworks
* Serving a large user/device base

3. Fault Tolerance & Resilience:

* Redundancy
* Continuity of operations
* Quick recovery
* Disruption mitigation
* System robustness

4. Topology for Alerting & Monitoring:

* Contextual understanding
* Timely response
* Troubleshooting efficiency
* Incident management

5. Network Topologies Significance:

* Foundation of operations
* Correctness importance
* Monitoring and mapping tools
* Validation criteria
* Correctness assurance tools

6. Network Management:

* Asset tracking
* Credential security
* Configuration management
* Automation
* Documentation accuracy

7. Fail Early vs Fault Tolerant:

* Early issue identification
* Proactive problem-solving
* System resilience
* Component failure adaptation

8. Single Source of Truth:

* Data consistency
* Centralized information
* Elimination of discrepancies
* Accurate documentation

9. Open Source vs Paid Software:

* Feature comparison
* Community support
* Customization
* Cost-effectiveness
* Reliability

10. Uptime vs Availability (99.999%):

* Operational duration
* High availability standards
* Downtime minimization
* Reliability benchmarks

11. Research on Topology Mapping Tools:

* Open-source options
* Paid alternatives
* Features and capabilities
* User reviews
* Integration with existing systems

12. Interviews and Surveys:

* Insights from professionals
* Preferences and challenges
* User experiences
* Tool recommendations
* Trends and innovations

13. Innovative Exploration:

* Cutting-edge tools
* Emerging trends
* Integration of AI in mapping
* Adaptive network strategies
* Human-centric network design