Network Intelligence - scope of research

Service plane:
- Tools and analytics
- Automated processes
- Service management
- Security

Management plane:
- Security
- Protocols
- Tools and analytics (troubleshooting, verification, etc.)
- Automated processes and workflows
- Virtualization management
- Resource management
- Monitoring management

Control plane:
- Controller functions
- Protocols
- Virtualization management and functions
- Monitoring management and functions
- Network management

Data plane:
- Network management functions
- Monitoring functions
- Virtualization functions
- Protocols

Programmability support:
- Abstraction
- Modeling
- APIs
- Automation, processes, workflows
- VNF development
- Tools (verification, debugging, troubleshooting)

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