

X.509 Certificate Extension for 5G Network Function Types

[draft-housley-lamps-5g-nftypes](#)

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Motivation:

- Include Network Function Types (NFTypes) for the 5G System
- NFTypes are ASCII strings (49 currently defined in an 3GPP specifications; allows customer-defined ones)
- NFTypes support role-based access control decisions

Options:

- Cram into existing naming attributes
- Define new anotherName type within GeneralName
- Define new extension ← picked this one

Syntax:

NFTypes ::= SEQUENCE SIZE (1..MAX) OF NFieldType
NFieldType ::= IA5String (SIZE (1..32))

Ask: WG Adoption (Of course, Tim will make all consensus calls related to this document)