



ALPHAREN CORE-Integrator (ARINT) System

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Channel security

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Security overview

Mainly security is used to secure channels. As long as a service can interact with external world thru channels, this is clearly enough for all normal operations.

System allow for multiple security models, types and protocols. There can be active more security rules, each one applicable as needed in various circumstances.

Define basic security rules

By **basic security** is understood a rule based on requesting explicitly an user and a password.

Basic security allowed **types** are:

- HTTP Basic auth
- JWT
- NTLM
- RBAC
- SSL / TLS
- API keys
- AWS
- Vault
- WS-Security
- X-Path

-#TODO this section START HERE should be reviewed and updated / dropped ----- Basic security rules can be defined from administration console, *Security* menu, *Basic auth* entry. A security rule means:

- a name for the rule
- an username
- a domain in which rule is applicable (think domain as a kind of grouping more rules in a set usable for a purpose, for example channels); this approach allows for many to many relationships between security rules and

channels or other objects

Password will be generated automatically as uuid4 (guid) and This can be modified latter. -#TODO to review section
END HERE -----

Last update: August 24, 2023