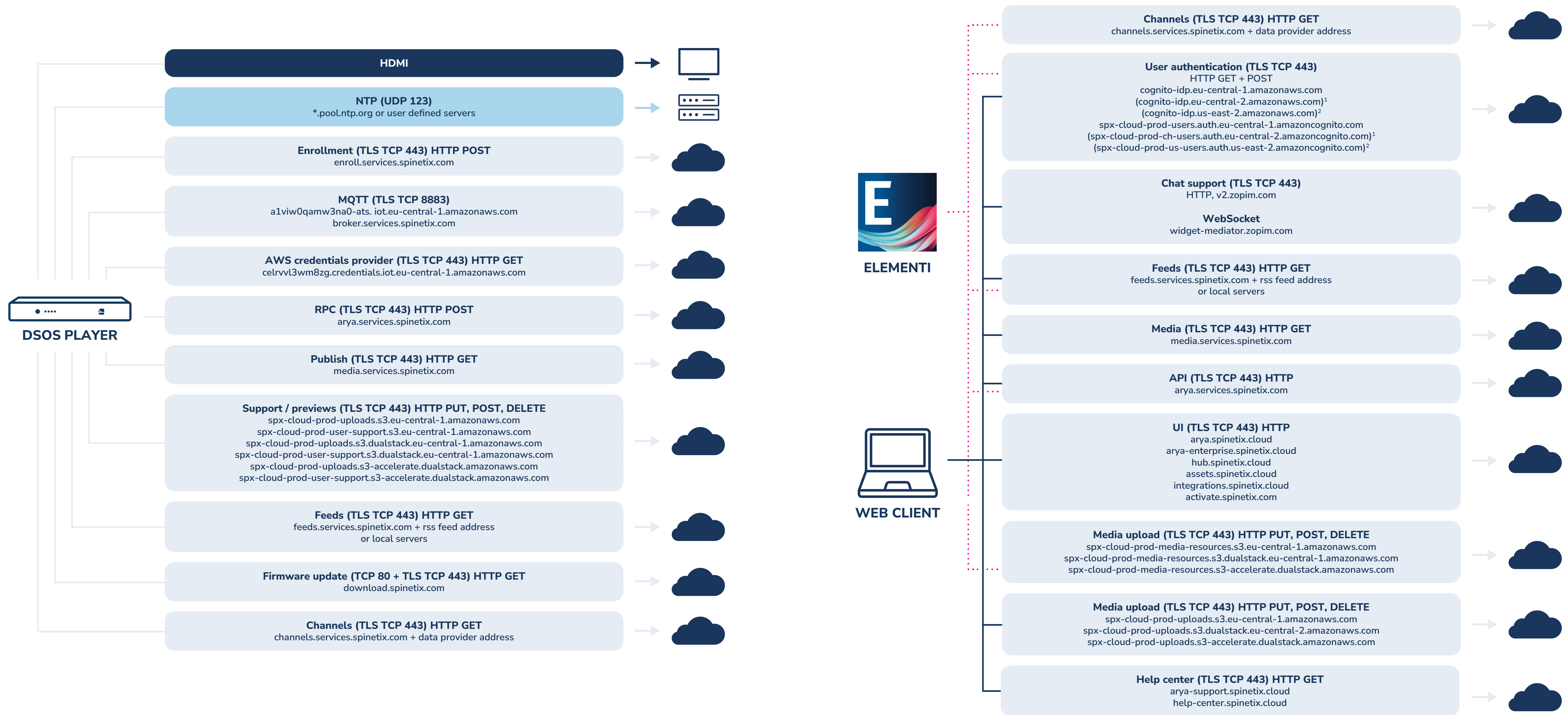


SPINETIX HUB NETWORK DIAGRAM FOR EUROPEAN UNION (EU) DATA RESIDENCY REGION



1. The cognito-idp.eu-central-2.amazonaws.com and spx-cloud-prod-ch-users.auth. eu-central-2.amazoncognito.com domains are needed when users defined in the Swiss (CH) data residency region need to access accounts located in the EU data residency region.
2. The cognito-idp.us-east-2.amazonaws.com and spx-cloud-prod-us-users.auth.eu-east-2.amazoncognito.com domains are needed when users defined in the US data residency region need to access accounts located in the EU data residency region.

Notes:

- All connections are outgoing and initiated by DSOS™ player, web client or Elementi.
- Other domains *.services.spinetix.com may be added in the future.
- TLS inspection is possible for all services except MQTT and AWS credentials provider as they use client certificate authentication.
- IP filtering is not possible as all names resolve to changing IP addresses due to round robin, GeoDNS and load balancing.
- System can work without MQTT, but in degraded, slow sync mode. Players in this mode take up to 5 minutes to react to changes and requests from Spinetix HUB.
- Domains *.amazonaws.com may be moved under *.services.spinetix.com in the future.