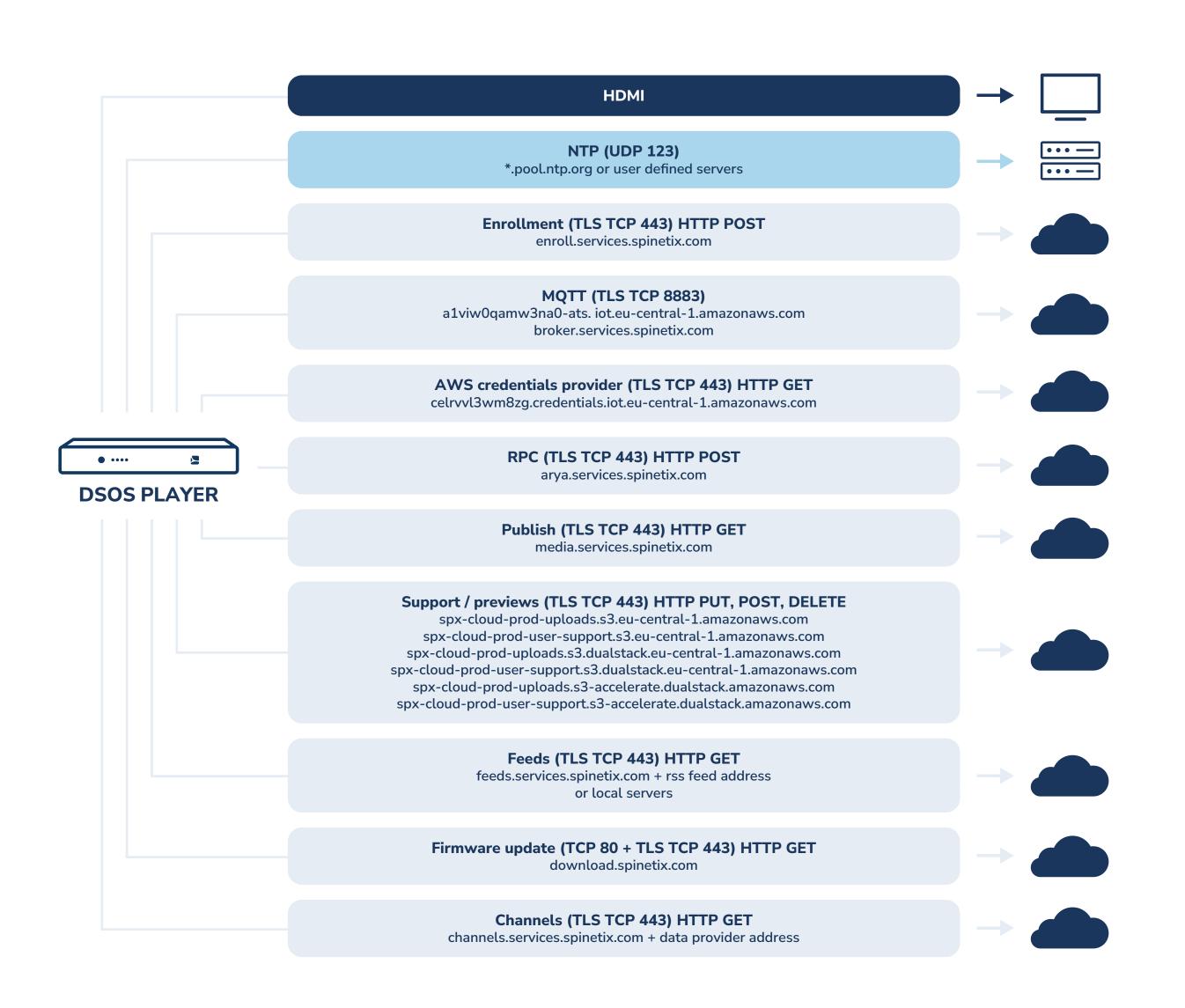
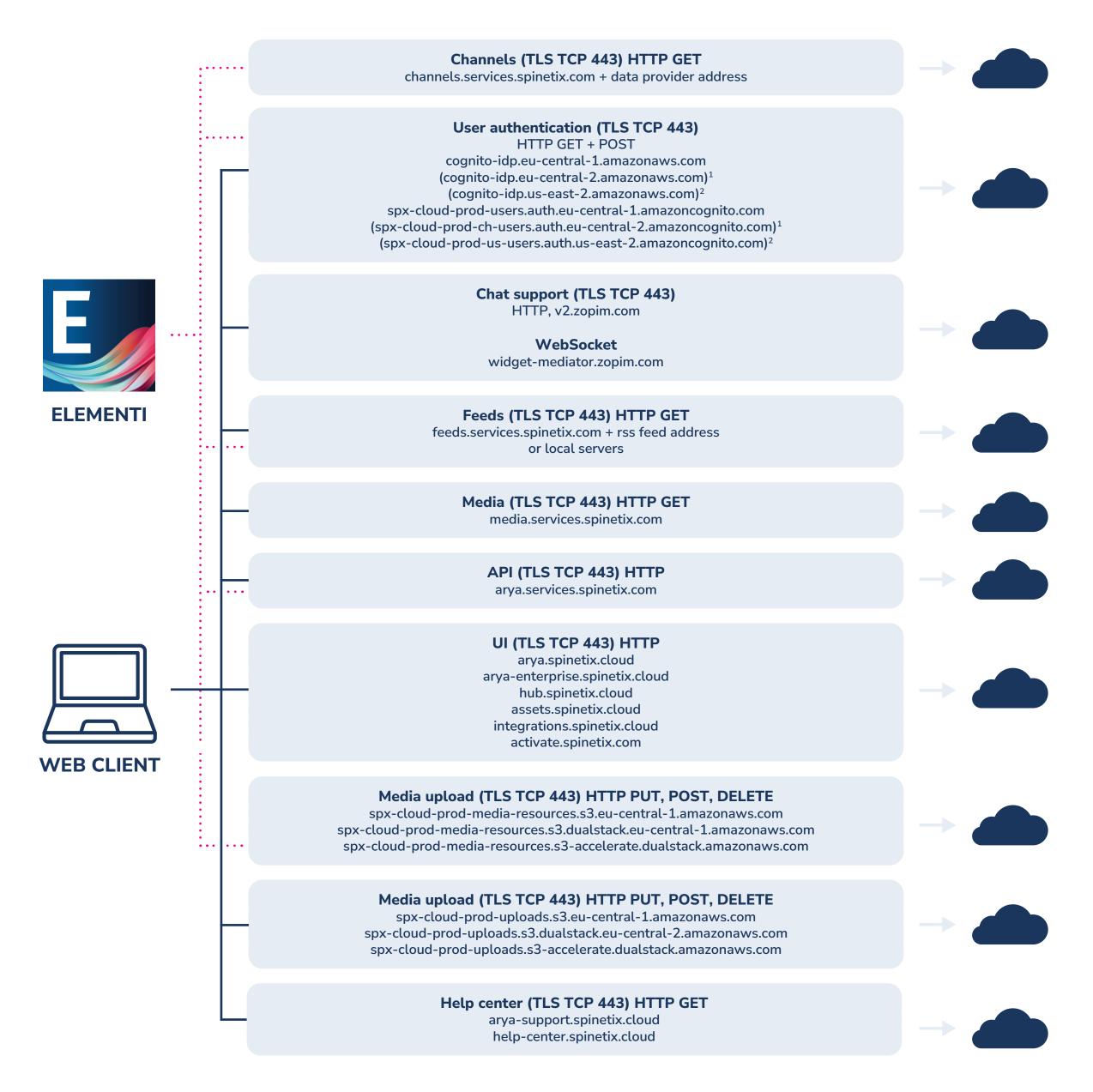


SPINETIX HUB NETWORK DIAGRAM FOR EUROPEAN UNION (EU) DATA RESIDENCY REGION





- 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.

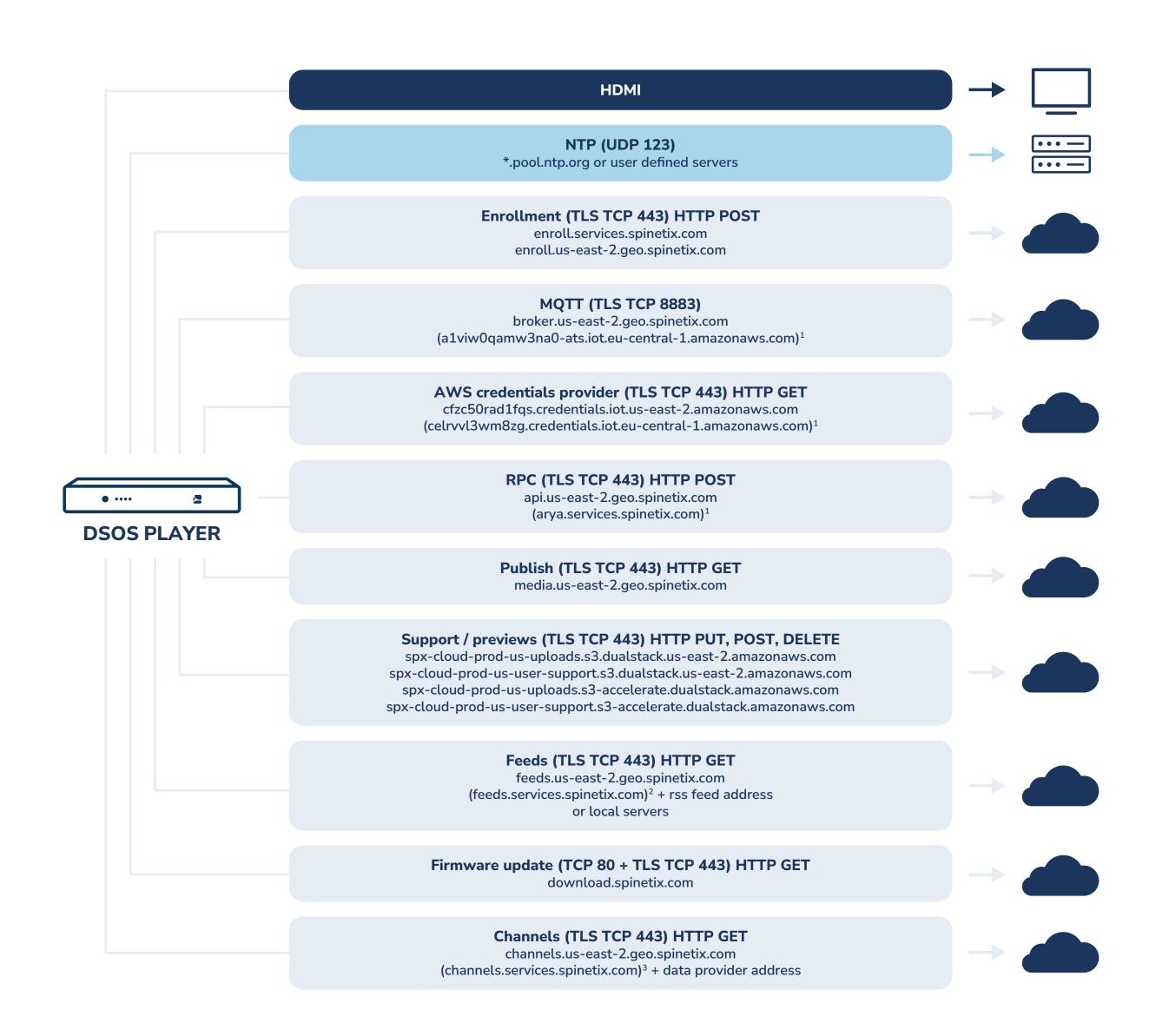
Notes:

- 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.

SPINETIX[™] N°1 IN DIGITAL SIGNAGE SOLUTIONS

SPINETIX HUB NETWORK DIAGRAM FOR

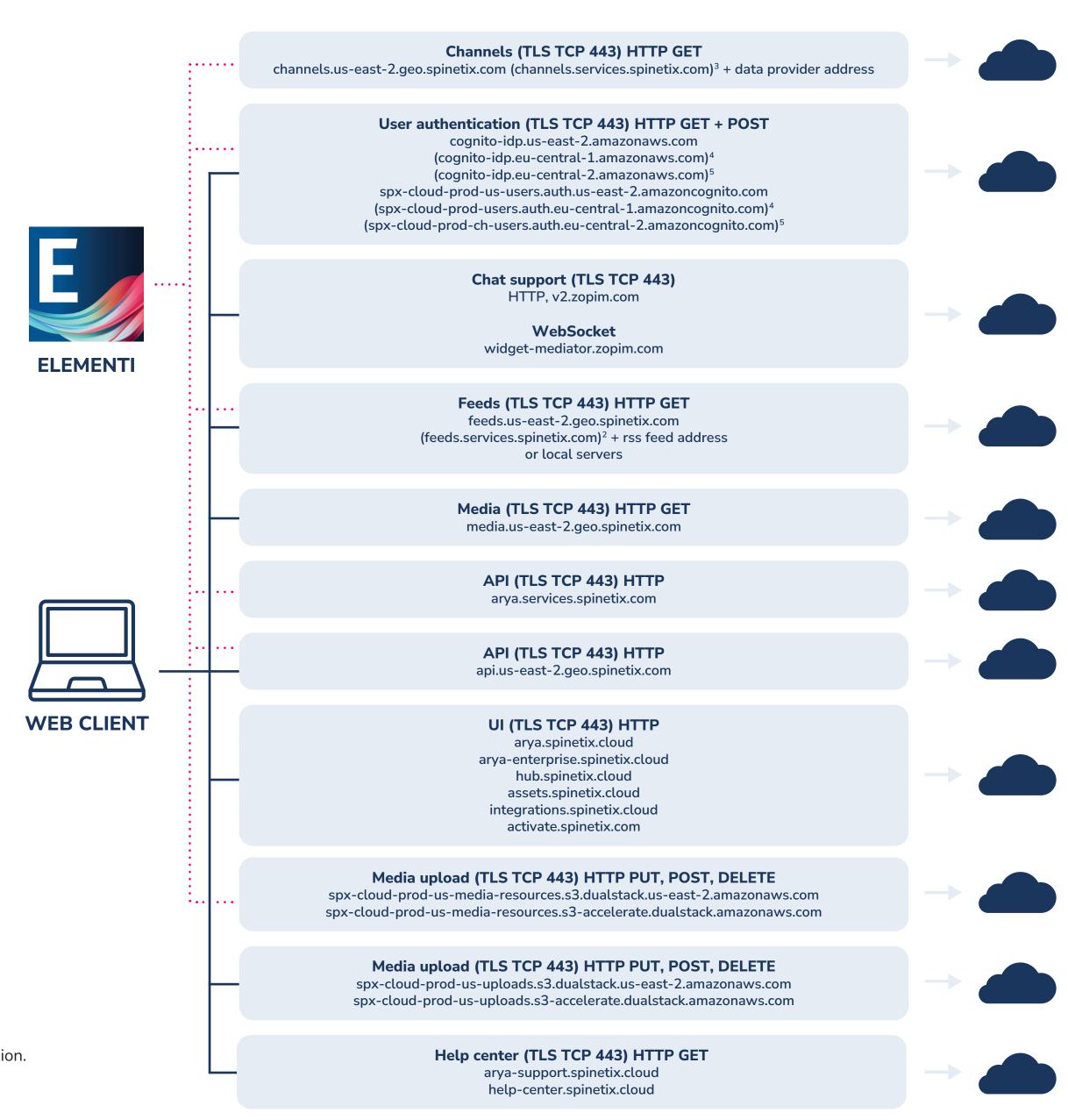
USA DATA RESIDENCY REGION



- 1. These domains are needed for players in reset to factory defaults or already in use outside the US data residency region to be able to automatically move to that region. They are not needed once setup is done, but it is highly recommended to keep them to facilitate player replacements or reconfigurations.
- 2. The feeds.services.spinetix.com domain is needed for content created with Elementi which uses the weather and finance widgets of Elementi.
- 3. The channels.services.spinetix.com domain is needed for content created with Elementi that uses Cockpit channels.
- 4. The cognito-idp.eu-central-1.amazonaws.com and spx-cloud-prod-users.auth.eu-central-1.amazoncognito.com domains are needed when users defined in the EU data residency region need to access accounts located in the US data residency region.
- 5. 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 US data residency region.

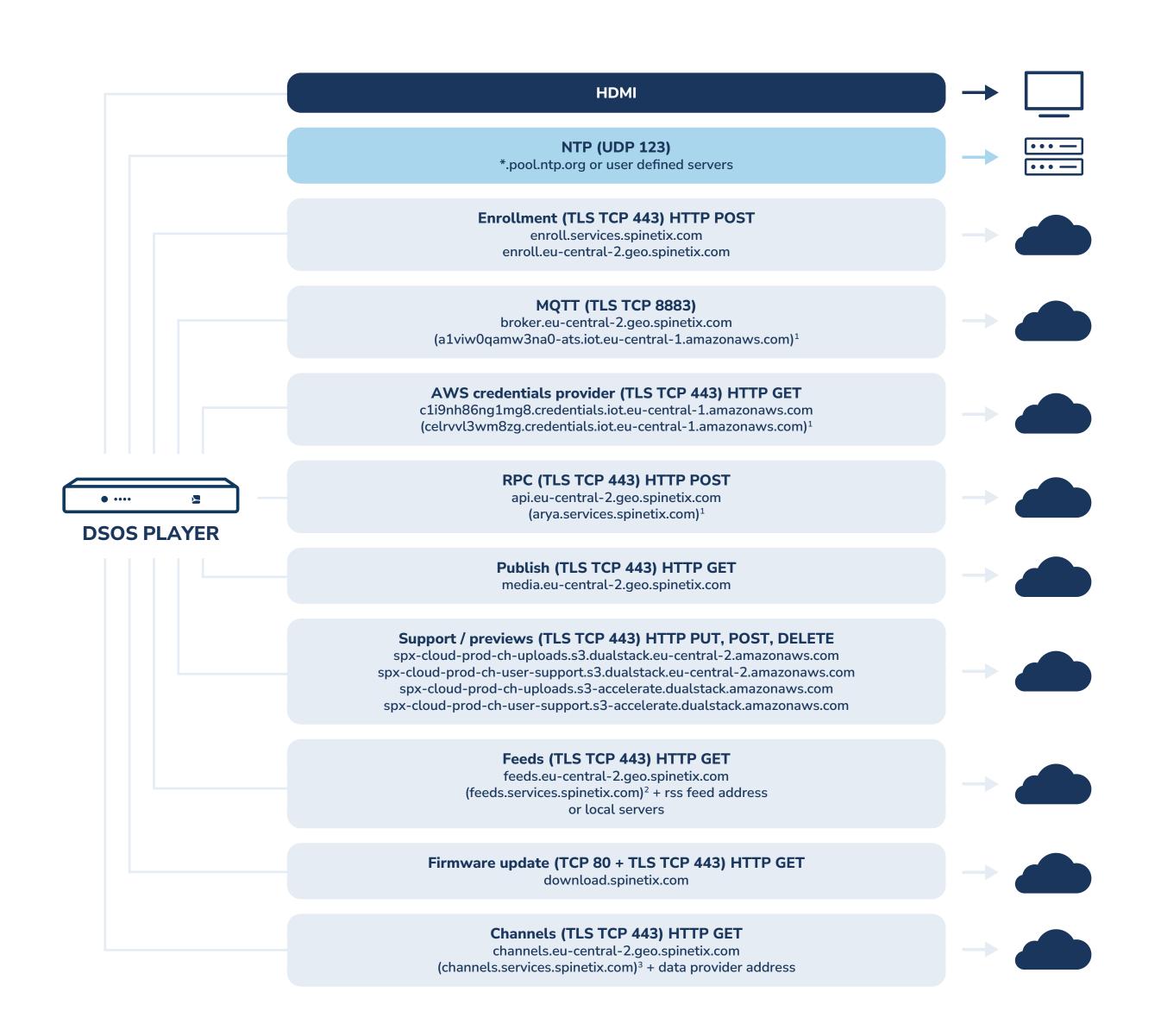
Notes:

- All connections are outgoing and initiated by DSOSTM player, web client or Elementi.
- Other domains *.us-east-2.geo.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 *.us-east-2.geo.spinetix.com or *.services.spinetix.com in the future.





SPINETIX HUB NETWORK DIAGRAM FOR **SWISS (CH) DATA RESIDENCY REGION**



- channels.eu-central-2.geo.spinetix.com (channels.services.spinetix.com)³ + data provider address **User authentication (TLS TCP 443) HTTP GET + POST** cognito-idp.eu-central-2.amazonaws.com (cognito-idp.eu-central-1.amazonaws.com)⁴ (cognito-idp.us-east-2.amazonaws.com)⁵ spx-cloud-prod-ch-users.auth.eu-central-2.amazoncognito.com (spx-cloud-prod-users.auth.eu-central-1.amazoncognito.com)⁴ (spx-cloud-prod-us-users.auth.us-east-2.amazoncognito.com)⁵ Chat support (TLS TCP 443) HTTP, v2.zopim.com WebSocket widget-mediator.zopim.com **ELEMENTI** Feeds (TLS TCP 443) HTTP GET feeds.eu-central-2.geo.spinetix.com (feeds.services.spinetix.com)² + rss feed address or local servers Media (TLS TCP 443) HTTP GET media.eu-central-2.geo.spinetix.com **API (TLS TCP 443) HTTP** arya.services.spinetix.com API (TLS TCP 443) HTTP api.eu-central-2.geo.spinetix.com **WEB CLIENT** UI (TLS TCP 443) HTTP arya.spinetix.cloud arya-enterprise.spinetix.cloud hub.spinetix.cloud assets.spinetix.cloud integrations.spinetix.cloud activate.spinetix.com Media upload (TLS TCP 443) HTTP PUT, POST, DELETE spx-cloud-prod-ch-media-resources.s3.dualstack.eu-central-2.amazonaws.com spx-cloud-prod-ch-media-resources.s3-accelerate.dualstack.amazonaws.com Media upload (TLS TCP 443) HTTP PUT, POST, DELETE spx-cloud-prod-ch-uploads.s3.dualstack.eu-central-2.amazonaws.com spx-cloud-prod-ch-uploads.s3-accelerate.dualstack.amazonaws.com Help center (TLS TCP 443) HTTP GET arya-support.spinetix.cloud help-center.spinetix.cloud
- 1. These domains are needed for players in reset to factory defaults or already in use outside the Swiss (CH) data residency region to be able to automatically move to that region. They are not needed once setup is done, but it is highly recommended to keep them to facilitate player replacements or reconfigurations.
- 2. The feeds.services.spinetix.com domain is needed for content created with Elementi which uses the weather and finance widgets of Elementi.
- 3. The channels.services.spinetix.com domain is needed for content created with Elementi that uses Cockpit channels.
- 4. The cognito-idp.eu-central-1.amazonaws.com and spx-cloud-prod-users.auth.eu-central-1.amazoncognito.com domains are needed when users defined in the EU data residency region need to access accounts located in the Swiss (CH) data residency region.
- 5. 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 Swiss (CH) data residency region.

Notes:

- All connections are outgoing and initiated by DSOS™ player, web client or Elementi.
- Other domains *.eu-central-2.geo.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 *.eu-central-2.geo.spinetix.com or *.services.spinetix.com in the future.

