

## Arrowhead Onboarding Controller Core Service 4.1.3 Release Notes

In Arrowhead version 4.1.3 the whole codebase of the Arrowhead framework has been rewritten using Spring Boot technology. We believe the new version is better both in code quality, performance and robustness. It is easier to use, maintain and improve.

However, this means that Arrowhead version 4.1.3 is NOT compatible with providers and consumers written for version 4.1.2 because the changes affect not just the backend but the public interface of the core services, too.

This document describes the new public API of the Arrowhead Onboarding Controller Core Service 4.1.3 and shows the key differences between the new interface and the old one.

### ***Client Services***

These services can be used by providers and consumers of the Arrowhead Cloud. All date fields contain the text representation of a UTC timestamp.

**Uri:** /onboarding/echo

**Type:** GET

Returns a “Got it” message with the purpose of testing the core service availability.

**Uri:** /onboarding/csr

**Type:** POST

Returns the onboarding certificate.

Input JSON structure:

```
{
  "certificateSigningRequest": "string"
}
```

Mandatory fields: “onboardingRequest”

Returned JSON structure:

```
{
  "address": "string",
  "authenticationInfo": "string",
  "createdAt": "string",
  "deviceName": "string",
  "id": 0,
  "macAddress": "string",
  "updatedAt": "string"
}
```

**Uri:** /onboarding/name

**Type:** POST

Returns the onboarding certificate by using the deviceName.

Input JSON structure:

```
{
  "deviceName": "string"
}
```

Mandatory fields: “deviceName”

Returned JSON structure:

```
{
  "address": "string",
  "authenticationInfo": "string",
  "createdAt": "string",
  "deviceName": "string",
  "id": 0,
  "macAddress": "string",
  "updatedAt": "string"
}
```