Audio format	WAV	SGI/AIFC/AIFF	FLAC
Signed 8bit PCM	Yes	Yes	Yes
Signed 16bit PCM	Yes	Yes	Yes
Signed 24bit PCM	Yes	Yes	Yes
Signed 32bit PCM	Yes	Yes	
μ-low(PCMU)	Yes	Yes	
A-law(PCMA) • Sampling frequency: 8000 Hz or higher • Channels: 1 (mono) • Length: ~2–5s	Yes	Yes	

POST   api/voiceident/enrollments

Params :

record1 : file

record2 : file

record3 : file

record4 : file   // Random Numbers(0 1 2 3 4 5 6 7 8 9) record

passphrase : String

username : String

Response

```
{
 "trained": success,  // success, failed, in_process
 "voiceprintId":"",
 "voiceModel" :"",
 "enrollStatus": "ACCEPTED", // ACCEPTED, REJECTED
 "decisionReason": "ACCEPTED"  // ACCEPTED , WRONG_PHRASE, LOW_QUALITY_AUDIO, NO_SPEECH,
SPEECH_TOO_SHORT, AUDIO_TOO_LONG, REPLAY_FRAUD, INCOHERENCE_WITH_PASSPHRASE
}
```

GET   api/voiceident/enrollments

Params :

voiceprintId : String

username : String

Response :

```
{
 "trained": success,  // success, failed, in_process
 "voiceprintId":"",
 "voiceprintModel" :"",
 "enrollStatus": "ACCEPTED", // ACCEPTED, REJECTED
 "decisionReason": "ACCEPTED"  // ACCEPTED , WRONG_PHRASE, LOW_QUALITY_AUDIO, NO_SPEECH,
SPEECH_TOO_SHORT, AUDIO_TOO_LONG, REPLAY_FRAUD, INCOHERENCE_WITH_PASSPHRASE
}
```

POST   api/voiceident/authentication

Params

record : String

passphrase : String

username : String

voiceprintId: String

voiceModel : binary

Response

```
{
 "score": 0, //[-100, 100]
 "decision": "MATCH", // MATCH, MISMATCH
 "decisionReason": "MATCH"  //MATH, WRONG_PHRASE, LOW_QUALITY_AUDIO, NO_SPEECH,
SPEECH_TOO_SHORT, AUDIO_TOO_LONG, REPLAY_FRAUD, INCOHERENCE_WITH_PASSPHRASE,
BIOMETRIC_MISMATCH
}
```

Code	Description
200	Operation successful
403	Input audio incorrect
415	
463	
464	Voiceprint does not exist
466	Voiceprint is already enrolled
500	Internal server error