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# **AirBox Documentation**

***Release 1***

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## INSTALLATION

### 1.1 Pre-requisites

### 1.2 Via Git or Download

Download & Extract the `air-box.tar.gz`

### 1.3 Via DockerHub



## CONFIGURATION





## CHANGELOG

### 3.1 v0.1 Demo Release



**CONTRIBUTING OR MODIFYING AIRBOX**



**CONFIDENTIAL COMPUTING (CC)**



**PROBLEM**





## **AIRBOX APPROACH**



**CC EXTENSIONS**







**FLEXIBILITY**





**SECURITY**



**PERFORMANCE**



**CONFIDENTIAL LOW LATENCY AUGMENTED REALITY**



**CONFIDENTIAL FAST AI INFERENCE**





## **HIGH PERFORMANCE BLOCKCHAIN**



**LOW LATENCY CONFIDENTIAL CAMERA PROCESSING FOR SELF  
DRIVING VEHICLES**



**CONFIDENTIAL HEALTHCARE DATA SHARING**



**COMPLETE CONFIDENTIAL PROCESSING OF FINANCIAL DATA**





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CHAPTER  
**NINETEEN**

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**HELLO AIRBOX**



**BARE-METAL**



## **KUBERNETES CLUSTER**



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CHAPTER

**TWENTYTWO**

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**OPENENCLAVE**





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CHAPTER  
**TWENTYTHREE**

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**GOOGLE ASYLO**



**GOOGLE CLOUD PLATFORM**



**MICROSOFT AZURE**



**MICROSOFT AZURE IOT**





**GOOGLE ONPREM GKE**



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CHAPTER  
**TWENTYEIGHT**

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**TLS EXTENSIONS**



**UFS INTEGRATION**



**KVS INTEGRATION**





## **DATABASE INTEGRATION**



## KUBERNETES INTEGRATION







**KEY-VALUE API**





**ATTESTATION API**