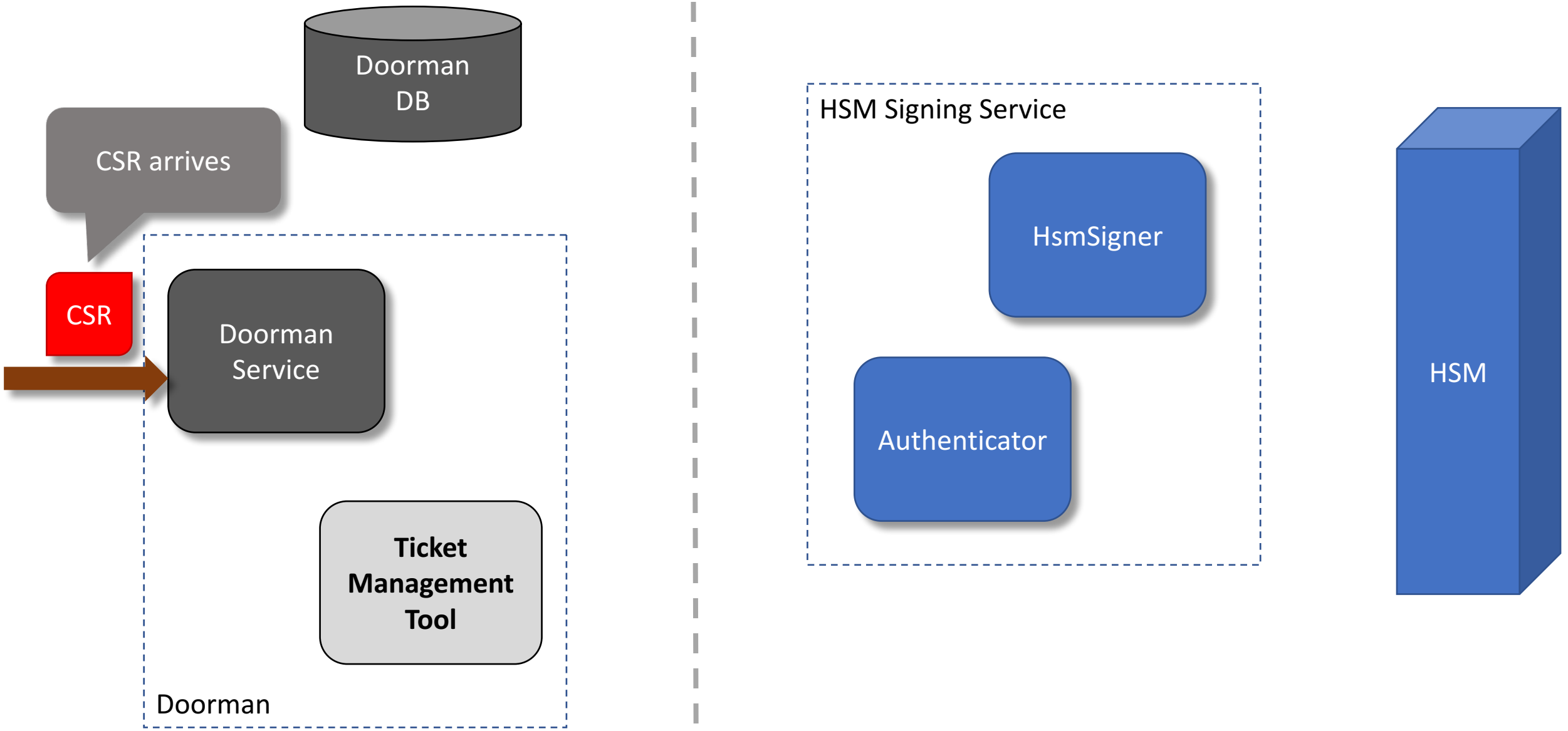
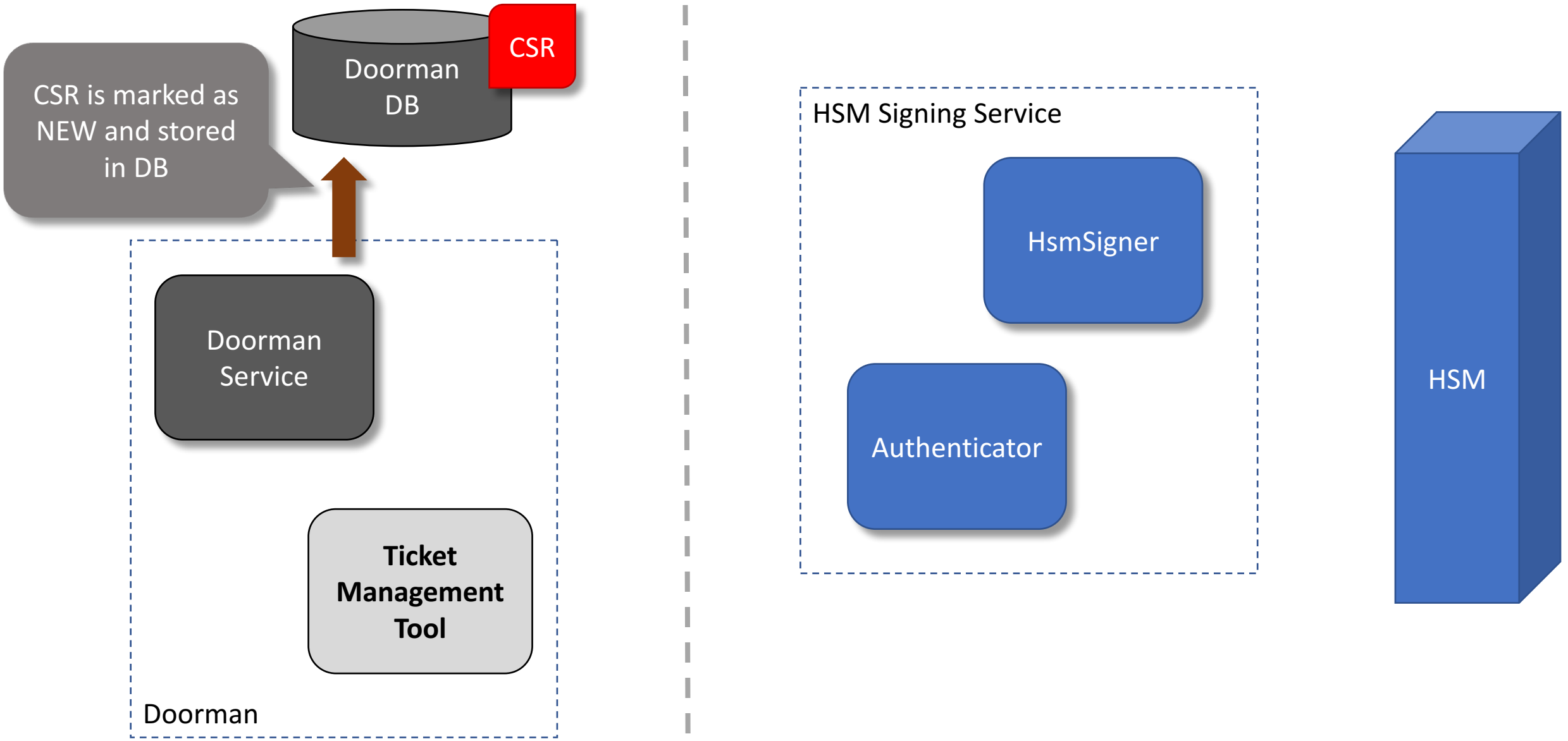
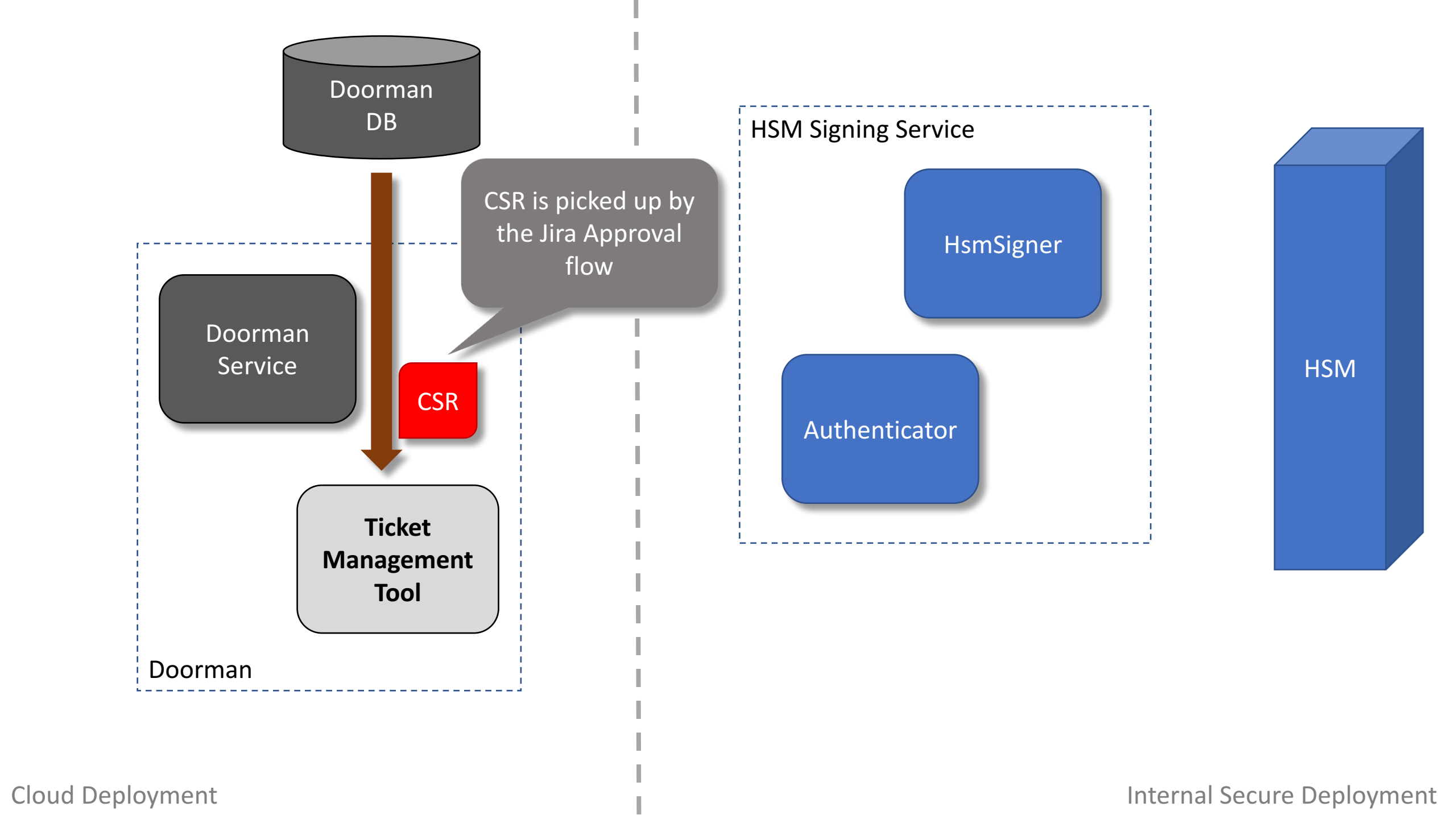
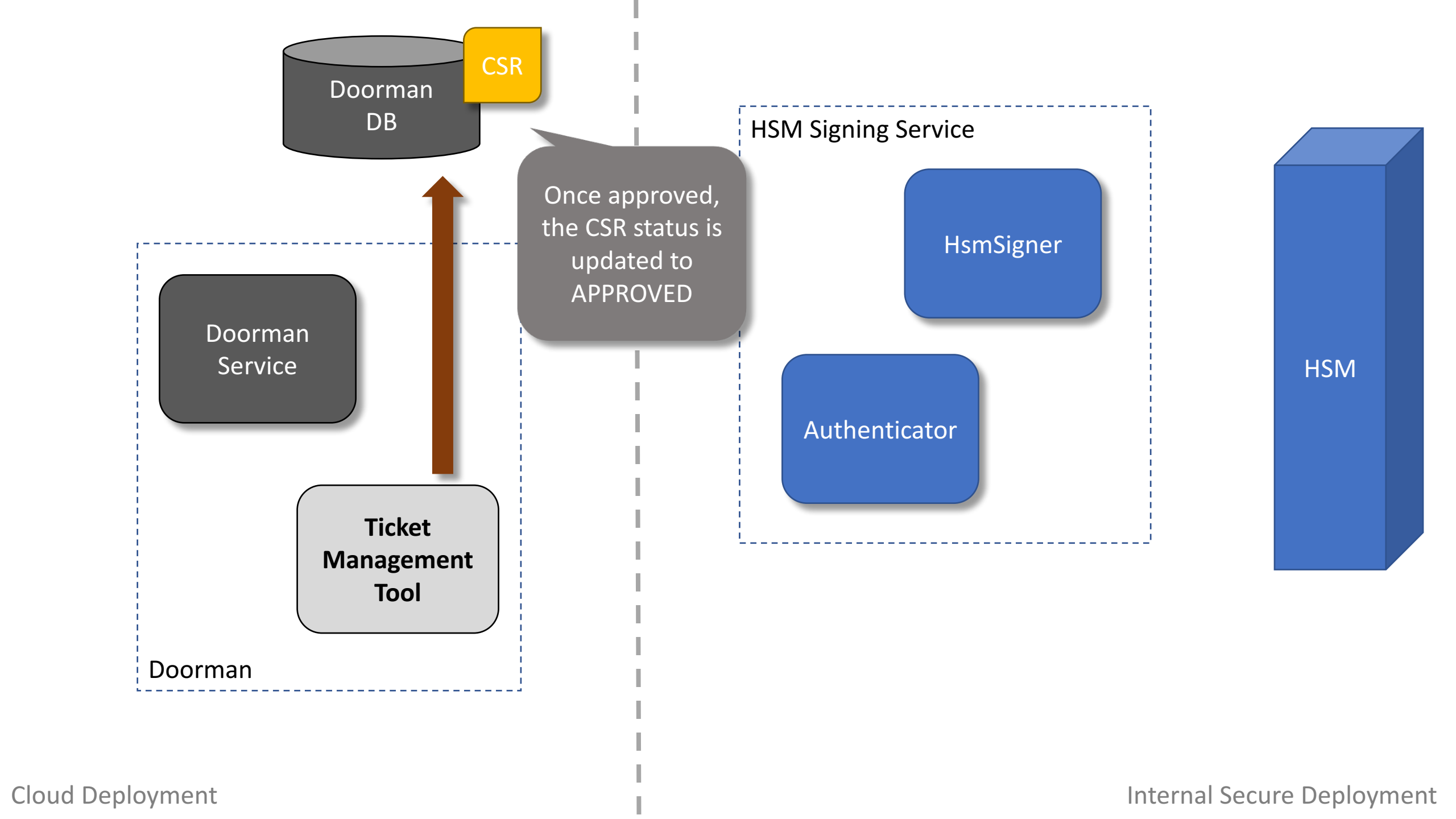
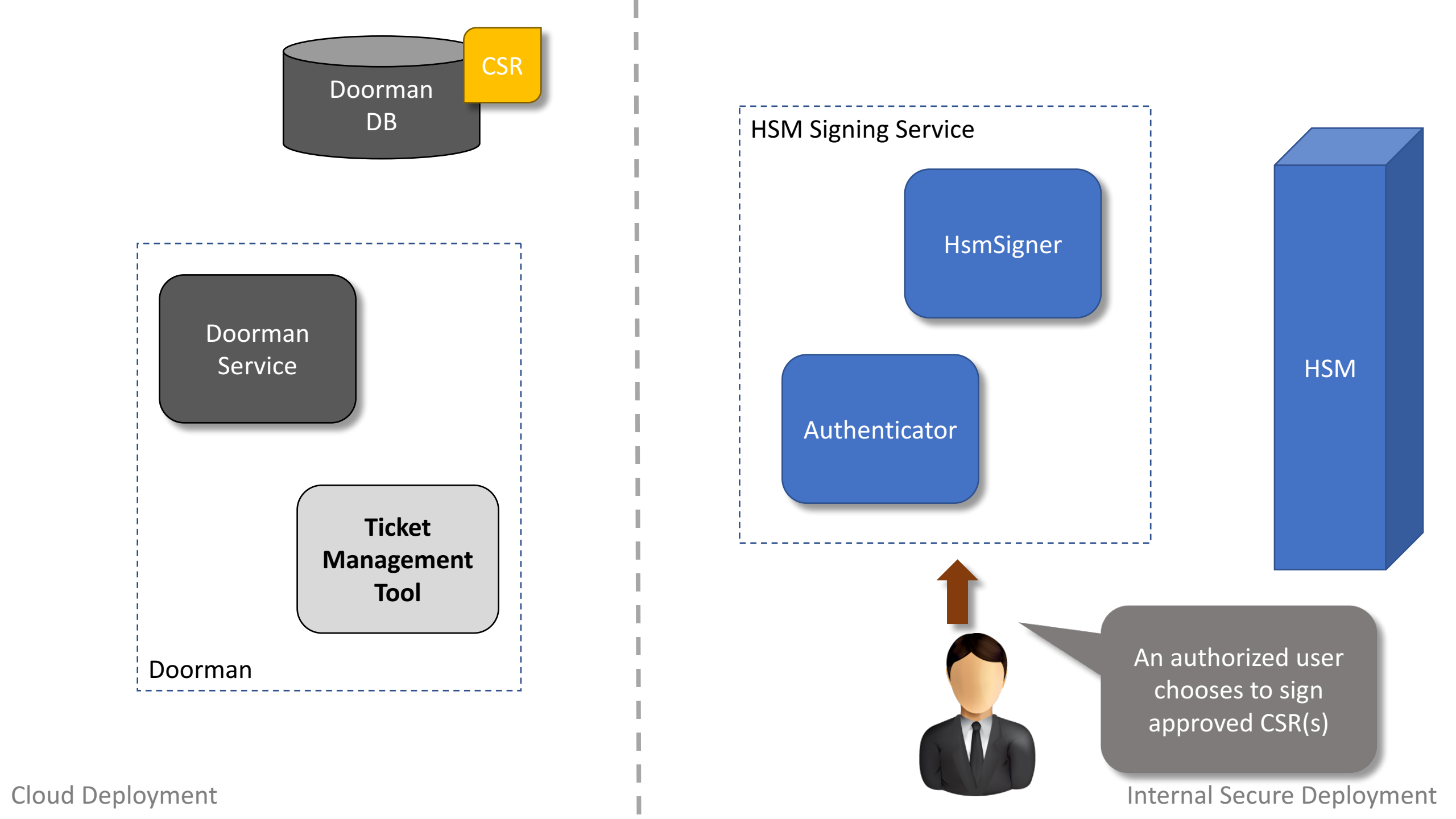
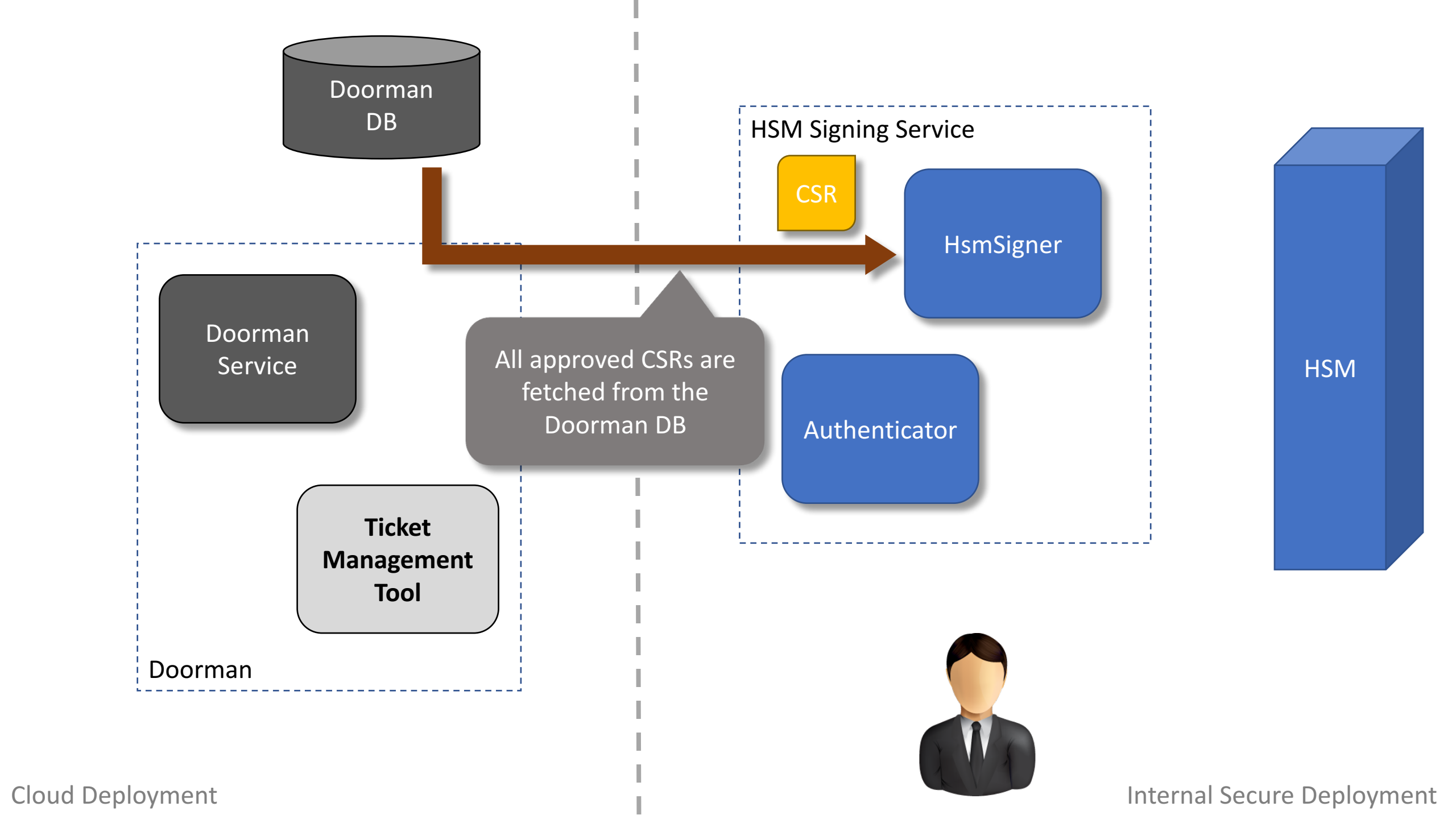

Doorman
DB
CSR arrives
CSR
Doorman
Service
Ticket
Management
Tool
Doorman
HSM Signing Service
HsmSigner
Authenticator
HSM
Cloud Deployment
Internal Secure Deployment

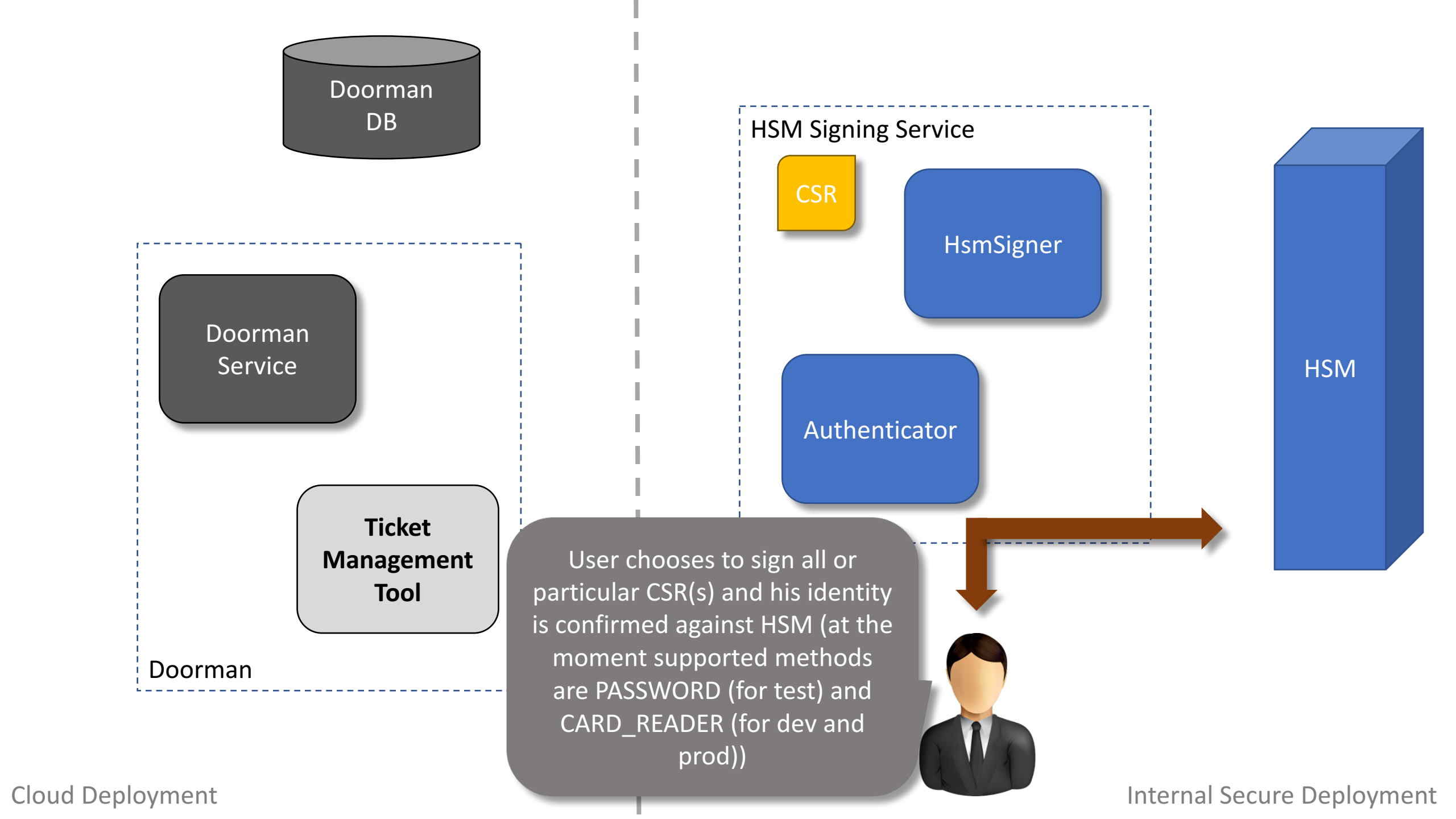

CSR is marked as NEW and stored in DB
Doorman DB
CSR
Doorman Service
Ticket Management Tool
Doorman
HSM Signing Service
HsmSigner
Authenticator
HSM
Cloud Deployment
Internal Secure Deployment

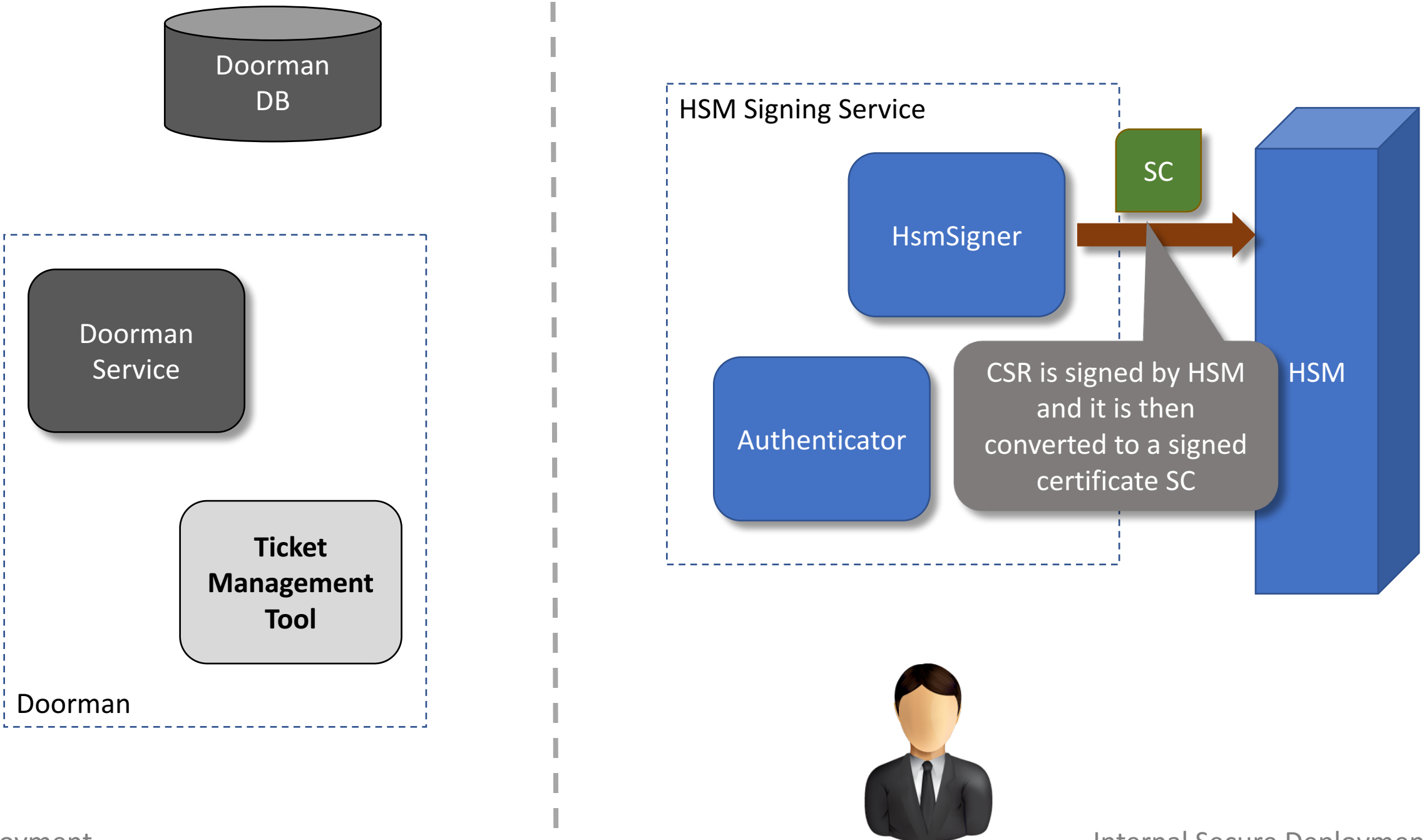

Doorman DB
CSR is picked up by the Jira Approval flow
Doorman Service
CSR
Ticket Management Tool
Doorman
HSM Signing Service
HsmSigner
Authenticator
HSM
Cloud Deployment
Internal Secure Deployment

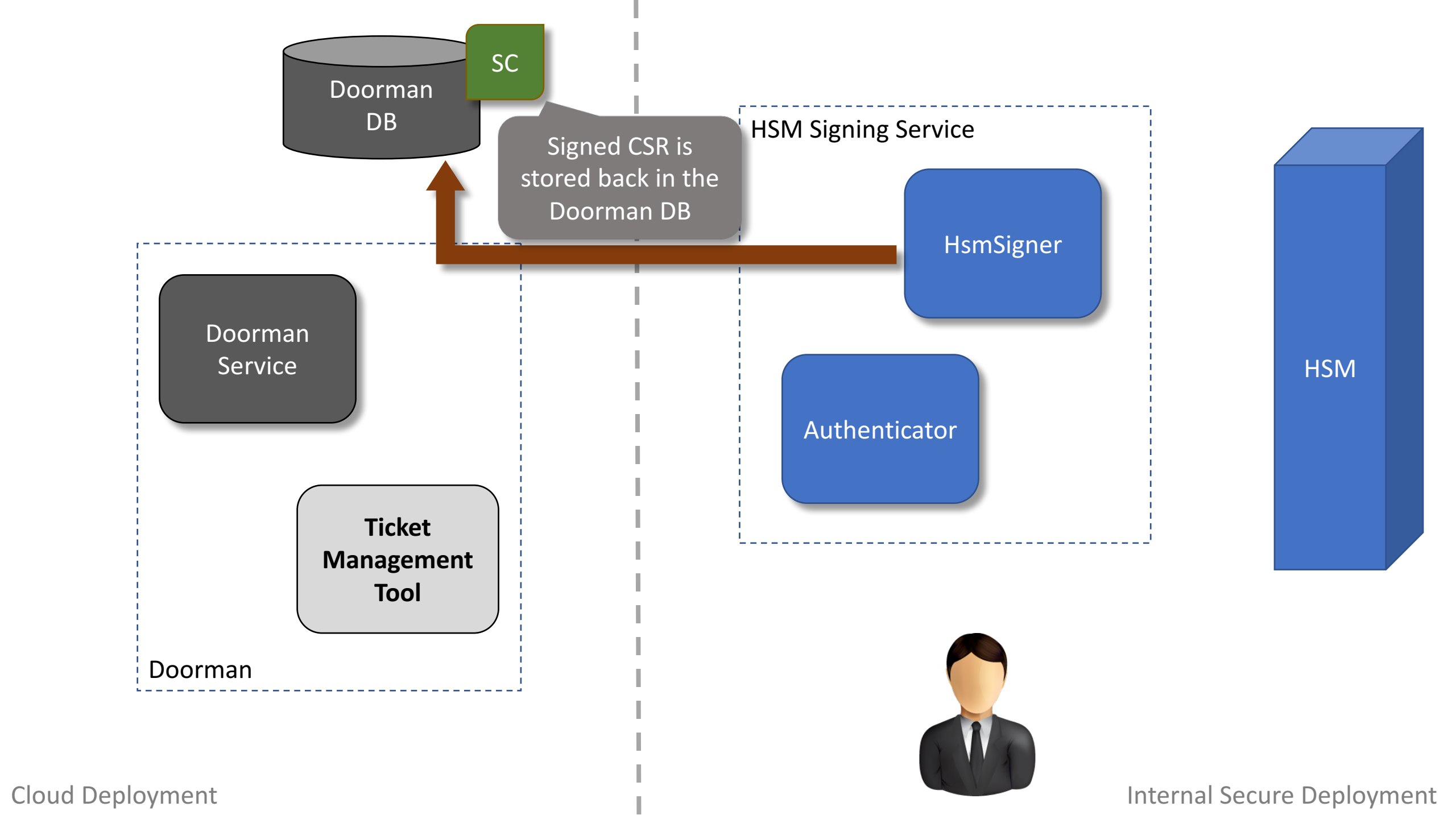

Doorman DB
CSR
Once approved, the CSR status is updated to APPROVED
HSM Signing Service
HsmSigner
Authenticator
HSM
Doorman Service
Ticket Management Tool
Doorman
Cloud Deployment
Internal Secure Deployment


Doorman DB
CSR
Doorman Service
Ticket Management Tool
Doorman
HSM Signing Service
HsmSigner
Authenticator
HSM
An authorized user chooses to sign approved CSR(s)
Cloud Deployment
Internal Secure Deployment


Doorman DB
HSM Signing Service
CSR
HsmSigner
HSM
Doorman Service
All approved CSRs are fetched from the Doorman DB
Authenticator
Ticket Management Tool
Doorman
Cloud Deployment
Internal Secure Deployment


Doorman DB
HSM Signing Service
CSR
HsmSigner
HSM
Doorman Service
Authenticator
Ticket Management Tool
Doorman
User chooses to sign all or particular CSR(s) and his identity is confirmed against HSM (at the moment supported methods are PASSWORD (for test) and CARD_READER (for dev and prod))
Cloud Deployment
Internal Secure Deployment


Doorman DB
Doorman Service
Ticket Management Tool
Doorman
HSM Signing Service
HsmSigner
SC
HSM
Authenticator
CSR is signed by HSM and it is then converted to a signed certificate SC
Cloud Deployment
Internal Secure Deployment


Doorman DB
SC
Signed CSR is stored back in the Doorman DB
HSM Signing Service
HsmSigner
Doorman Service
Authenticator
HSM
Ticket Management Tool
Doorman
Cloud Deployment
Internal Secure Deployment