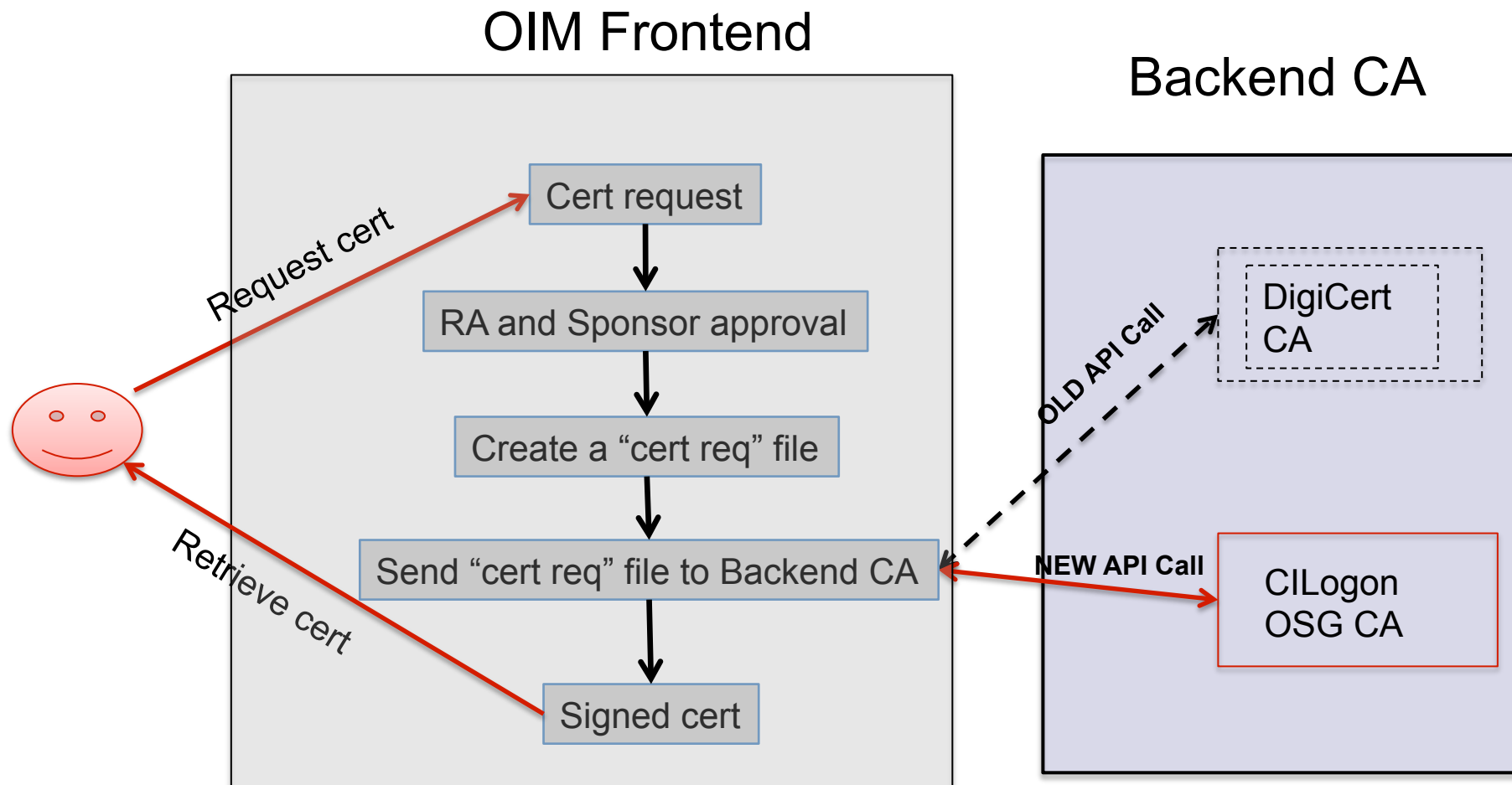


# OSG CA

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- **Goal:**
  - Transition the backend services from Digicert CA to CILogon OSG CA.
  - Backend services: cryptographic functionality, signing cert requests and CRL files
  - The frontend services are still provided by OIM and it remains the same
- **The Benefit**
  - XSEDE provides the backend service that we currently purchase already.
  - Both projects can share their resources and conserve funds
  - OSG will provide frontend services to XSEDE resources when needed.

# OSG CA Architecture



•Changes in Backend API C

# OSG CA Project Status

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- Phases: Planning, Development, Testing, IGTF Accreditation, Deployment, and Transition.
- Goal is to finish the work by June 2016 when our contract with Digicert ends
- Planning, Development Phases completely ended. Testing phase is mostly done. Software stack is tested thoroughly. Most services at GOC is tested and will be fully completed by the end of June
- IGTF Accreditation made a big progress. We made a presentation at the last IGTF meeting and our case found to be straightforward, no critical objections. Our policy and operational reviews are ongoing and will be finished by the end of the summer.
- Deployment will start in late fall.
- Transition will last from January to June 2016. We plan to do a VO-by-VO transition, not transitioning everyone at once.