

# Certificates Made Easy

A 23c capability that developers and  
DBAs will love



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# The problem: trusted CAs

- Developers like to use remote services
  - RESTful services
  - Authentication, printing, or email servers
- **The DB needs a wallet to use HTTPS**
  - To store the trusted Certificate Authority certificates
  - Possible many certificates needed
  - Frequent updates or things just stop working

# The solution: Use your OS

- Your operating system will have a certificate store
  - Location will be platform specific
  - Pre-populated with all the common trusted CAs
  - Maintained by your OS patching routine
- Database 23c can use the OS certificate store
  - Easy to configure
  - Documentation is not perfect

# To conclude

- Manage your own trusted certificates? No thank you
  - New ones get authorized
  - Old ones expire
  - Developers always need to go to other sites
- Let your operating system do the work
- A nice 23c capability

# SkillBuilders

Oracle Database, APEX and OCI Experts

Contact: Gary Belke  
gary@skillbuilders.com  
1-401-783-6172  
www.SkillBuilders.com

