



TAGPMA

The Americas Grid
Policy Management Authority

Globus Toolkit Support Transition

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Globus Toolkit Support Transition

- Globus Support End Announcement
 - The Globus team at ANL/UChicago have announced the end of support for the Globus Toolkit source code packages
 - https://github.com/globus/globus-toolkit/blob/globus_6_branch/support-changes.md
 - User support to end December 31, 2017
 - Security updates to end December 31, 2018
- Current Globus Cloud services are not affected and will continue to be supported
- Globus Toolkit source code will remain available on GitHub, but not be supported by the Globus team



Services and Clients Affected

- Grid Security Infrastructure (GSI)-based services and clients will lose support
 - Globus GRAM job submission services and clients
 - Globus GridFTP server and command-line clients
 - Globus X.509 clients (e.g., grid-proxy-init)
 - MyProxy server and clients*
 - GSI-OpenSSH patches* (not including HPN-SSH)
 - HPN-SSH patches are independently maintained by PSC
 - Globus service source code and GSI libraries
 - Linux-distro packaging for all of the above
 - 3rd-party software, services and packages relying on the above
- *MyProxy and GSI-OpenSSH are supported in part by NCSA



DO NOT PANIC

- Several large relying party projects have declared that they will continue to support the Globus Toolkit until further notice
 - WLCG, OSG, PRACE, EGI, EUDAT, ELIXIR, LIGO, XSEDE
 - Several projects are adding support for different authentication methods and protocols
 - Transition from GSI-based services and protocols to others by OSG, EGI likely to take 4+ years to complete
 - Significant interest expressed among project to form a coalition among major relying parties to continue source code support
 - Alternate distribution repositories (e.g., EPEL, Debian?)
 - “CILogon is not going away” – Jim Basney
 - XSEDE sponsoring a follow-up meeting in early Dec. 2017



Role of IGTF?

- International trust establishment and coordination
 - Community of AP and RP membership
 - Contact tree for security incident support
- Globus Cloud and future *s:// services still need X.509 certificates for hosts and services to support TLS-based sessions
 - X.509 CA services will remain needed, even if consolidated
- Transition from X.509 credentials for user authentication to other protocols/methods
 - Replacement of trust fabric for initial identity vetting and traceability of user authentication
 - Identity Provider registrar policies and registration practice standards
- Bridge services and protocols between identity federations
- Central publisher of AAI requirements and guidance for R&E



IGTF Plan for Action?

- Need a prioritized plan to establish and market IGTF's leadership position in AAI infrastructure, policies, standards, & practices
 - Member PMAs support their region's specific interests and needs
 - Consistency of message and support among PMAs
 - “Professionalize” web presence of IGTF & PMAs
 - Add value to PMA web services for IGTF members
 - Make IGTF the central resource for expertise and standards visible to regional funding agencies