

Component	RFC proxy support		SHA-2 certificates support		Notes
		version		version	
APEL	NA		NA		
ARC-CE	YES	EMI-1	YES	EMI-2	SHA-2 certificate is supported for parsing the proxy certificate; is not supported by default for generating the proxy
ARC-Clients	YES	EMI-1	YES	EMI-2	SHA-2 certificate is supported for parsing the proxy certificate; is not supported by default for generating the proxy
ARC-Infosys	YES	EMI-1	YES	EMI-2	SHA-2 certificate is supported for parsing the proxy certificate; is not supported by default for generating the proxy
ARC-Core	YES	EMI-1	YES	EMI-2	SHA-2 certificate is supported for parsing the proxy certificate; is not supported by default for generating the proxy
ARC-gridftp	YES	EMI-1	YES	EMI-2	SHA-2 certificate is supported for parsing the proxy certificate; is not supported by default for generating the proxy
Argus	YES	EMI-2 (through voms-java-api)	YES	EMI-2 (through trustmanager)	RFC proxies supported in EMI-2 release; Authentication supports SHA-2 via trustmanager
BDII-site	NA		NA		
BDII-top	NA		NA		
CREAM	YES		NO		RFC proxies supported in EMI-2 release; authentication supports SHA-2 (via trustmanager); delegation still uses sha1 as the default algorithm for signature (see delegation-java libraries); complete support via CANI in EMI-3
dCache	YES	EMI-0	NO	EMI-2	we are evaluating CANL at the moment, see attached doc for comments
DGAS-sensors	NA (1)		NO (2)		(1) - sensors (&server) are not using proxies, but directly certificates (2) - see attached doc for comments

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DPM					If globus, gridsite and voms are OK, DPM/LFC is OK.
EMI-UI					RFC & SHA2 support if dependent clients support them
EMI-WN					RFC & SHA2 support if dependent clients support them
EMIR	YES		YES		
FTS	YES		YES		- according with JohnW comments - glite-fts-client - OliverK: If trustmanager and delegation-java are OK, FTS is OK
gLExec	YES		YES		We support RFC proxies & the entire SHA2-family. We are limited only by the OpenSSL capabilities, nothing else.
Gridsite LB	YES				
lcg-utils	YES		YES		according with JohnW comments in the doc attached
LFC	YES		YES		- according with JohnW comments in the doc attached - f globus, gridsite and voms are OK, DPM/LFC is OK.
Proxy Renewal	YES				
Pseudonymity service	YES		YES		This service uses bouncycastle and therefore RFC/SHA2 support good
StoRM	YES	EMI 2	NO	EMI 3	The support to SHA-2 certificates is under currently testing
Trustmanager	YES	EGEE	YES	EGEE	RFC proxies have been supported since the beginning in EDG, year 2003. signatures are handled by bouncycastle, sha-2 supported since version 1.33.
UNICORE	NO	EMI-3 all	YES	All EMI releases.	All relevant UNICORE components (i.e. anyhow using certificates for authentication) which will be released in EMI3 will use CANL, and therefore will support all kinds of proxies, including RFC. Note that proxies support is and will be limited to authentication, proxy-based delegation is a different story.

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VOMS	YES	EMI-1	NO	2.0.9, to be released as an EMI-2 update (november 2012 cycle)	VOMS core already patched to support SHA-2.
WMS	NO				RFC proxies supported with EMI-2
WNoDeS	NO				