

- means ignore or skip or irrelevant

Which parameters are specified?

DOWNLOAD_*	LEAF_ONLY	LEAF_ONLY	LEAF_ONLY
DOWNLOAD_LEAF_FAIL_*	SOFT	HARD	HARD
SOURCE_MISSING_LEAF_*	-	SKIP	_FAIL
DOWNLOAD_CHAIN_FAIL_*	-	-	-
SOURCE_MISSING_CHAIN_*	-	-	-

Which tests are performed, in order

stop on any cached information that indicates revoked

stop on (preferred) cached information that is fresh

attempt to get fresh information using the allowed mechanisms,
starting with the preferred one, stop if a mechanism succeeds

get fresh information for leaf	yes	yes	yes
get fresh information for intermediates	no	no	no

No source for any allowed download mechanisms in leaf	-	-	fail
All allowed downloads failed on leaf	-	fail	fail

stop if good download indicates revoked

No source for any allowed download mechanisms in intermediate	-	-	-
All allowed downloads failed on intermediate	-	-	-

stop if any good download indicates revoked

Revocation checking success

- means ignore or skip or irrelevant

Which parameters are specified?

DOWNLOAD_*	ALL_CERTS	ALL_CERTS	ALL_CERTS	ALL_CERTS	ALL_CERTS	ALL_CERTS
DOWNLOAD_LEAF_FAIL_*	SOFT	HARD	HARD	HARD	HARD	HARD
SOURCE_MISSING_LEAF_*	-	SKIP	_FAIL	SKIP	_FAIL	_FAIL
DOWNLOAD_CHAIN_FAIL_*	SOFT	SOFT	SOFT	HARD	HARD	HARD
SOURCE_MISSING_CHAIN_*	-	-	-	SKIP	SKIP	_FAIL

Which tests are performed, in order

stop on any cached information that indicates revoked

stop on (preferred) cached information that is fresh

attempt to get fresh information using the allowed mechanisms,
starting with the preferred one, stop if a mechanism succeeds

get fresh information for leaf	yes	yes	yes	yes	yes	yes
get fresh information for intermediates	yes	yes	yes	yes	yes	yes

No source for any allowed download mechanisms in leaf	-	-	fail	-	fail	fail
All allowed downloads failed on leaf	-	fail	fail	fail	fail	fail

stop if good download indicates revoked

No source for any allowed download mechanisms in intermediate	-	-	-	-	-	fail
All allowed downloads failed on intermediate	-	-	-	fail	fail	fail

stop if any good download indicates revoked

Revocation checking success