

Legend				
NA	Not Applicable.			
DDL	Data Definition Language - Schema changes			
CQ	Column Qualifier			
CF	Column Family			
INTERNAL	Operation triggered in a server			
READ/ WRITE	Either "READ" OR "WRITE" Permission is required to perform the operation			
READ & WRITE	Both "READ" AND "WRITE" permissions are required to perform the operation			
Interface	Operation	Scope	Type	Versions - 0.94.1, 096.0
Master	AddColumn	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN
Master	Assign	REGION	ADMIN	TABLE ADMIN/ GLOBAL ADMIN
Master	Balance	REGION	ADMIN	GLOBAL ADMIN
Master	BalanceSwitch	REGION	ADMIN	GLOBAL ADMIN
Master	CreateTable	TABLE	ADMIN	GLOBAL CREATE
Master	DeleteColumn	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN
Master	DeleteTable	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN
Master	DisableTable	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN
Master	EnableTable	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN
Master	ModifyColumn	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN

Master	ModifyTable	TABLE	DDL	TABLE CREATE/ GLOBAL CREATE/ TABLE ADMIN/ GLOBAL ADMIN
Master	Move	REGION	ADMIN	TABLE ADMIN/ GLOBAL ADMIN
Master	Shutdown	SERVER	ADMIN	GLOBAL ADMIN
Master	StopMaster	SERVER	ADMIN	GLOBAL ADMIN
Master	Unassign	REGION	ADMIN	TABLE ADMIN/ GLOBAL ADMIN
RegionServer	Append	TABLE	USER	CQ WRITE/ CF WRITE/ TABLE WRITE/ GLOBAL WRITE
RegionServer	BulkLoadHFile	TABLE	USER	CQ WRITE/ CF WRITE/ TABLE WRITE/ GLOBAL WRITE
RegionServer	CheckAndDelete	TABLE	USER	CQ READ & CQ WRITE/ CF READ & CF WRITE/ TABLE READ & TABLE WRITE/ GLOBAL READ & GLOBAL WRITE
RegionServer	CheckAndPut	TABLE	USER	CQ READ & CQ WRITE/ CF READ & CF WRITE/ TABLE READ & TABLE WRITE/ GLOBAL READ & GLOBAL WRITE
RegionServer	Close	REGION	INTERNAL	NA
RegionServer	Compact	REGION	ADMIN/ INTERNAL	TABLE ADMIN/ GLOBAL ADMIN
RegionServer	CompactSelection	REGION	INTERNAL	NA
RegionServer	Delete	TABLE	USER	CQ WRITE/ CF WRITE/ TABLE WRITE/ GLOBAL WRITE
RegionServer	Exists	TABLE	USER	CQ READ/ CF READ/ TABLE READ/ GLOBAL READ
RegionServer	Flush	REGION	ADMIN	TABLE ADMIN/ GLOBAL ADMIN
RegionServer	Get	TABLE	USER	CQ READ/ CF READ/ TABLE READ/ GLOBAL READ

RegionServer	GetClosestRowBefore	TABLE	USER	CQ READ/ CF READ/ TABLE READ/ GLOBAL READ
RegionServer	Increment	TABLE	USER	CQ WRITE/ CF WRITE/ TABLE WRITE/ GLOBAL WRITE
RegionServer	IncrementColumnValue	TABLE	USER	CQ WRITE/ CF WRITE/ TABLE WRITE/ GLOBAL WRITE
RegionServer	Open	NA	INTERNAL	NA
RegionServer	Put	TABLE	USER	CQ WRITE/ CF WRITE/ TABLE WRITE/ GLOBAL WRITE
RegionServer	ScannerClose	TABLE	USER	SCANNER OWNER
RegionServer	ScannerNext	TABLE	USER	SCANNER OWNER
RegionServer	ScannerOpen	TABLE	USER	CQ READ/ CF READ/ TABLE READ/ GLOBAL READ
RegionServer	Split	TABLE/ REGION	ADMIN/ INTERNAL	TABLE ADMIN/ GLOBAL ADMIN
RegionServer	WALRestore	NA	INTERNAL	NA
AccessController	Grant	TABLE	ADMIN	CQ ADMIN/ CF ADMIN/ TABLE ADMIN/ GLOBAL ADMIN
AccessController	Revoke	TABLE	ADMIN	CQ ADMIN/ CF ADMIN/ TABLE ADMIN/ GLOBAL ADMIN
AccessController	CheckUserPermissions	TABLE	ADMIN	NA
AccessController	getUserPermissions	TABLE	ADMIN	TABLE ADMIN/ GLOBAL ADMIN