

Legend				
NA	Not Applicable.			
DDL	Data Definition Language			
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	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	GLOBAL ADMIN
Master	Shutdown	SERVER	ADMIN	GLOBAL ADMIN
Master	StopMaster	SERVER	ADMIN	GLOBAL ADMIN
Master	Unassign	REGION	ADMIN	GLOBAL ADMIN
RegionServer	Append	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

HBase Security ACL Matrix

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