Broker Service Microservices Analysis

# Microservice Decomposition Overview

This section documents the breakdown of broker-service into dedicated microservices, along with views/collections used, critical fields, cache strategies, and usage patterns.

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| New Microservice | Key Responsibility | View/Collection | Fields | Cache Key | Remarks |
| desk-broker-service | Desk-to-Broker permission mapping | desk\_broker\_permission\_view | desk, brokerId, entitlementLevel | desk:{deskId} | Used in entitlement APIs |
| account-broker-service | Account-to-Broker mapping | account\_permission\_view | accountId, brokerId, role, status | account:{accountId} | High-volume access |
| product-entitlement-service | Broker’s entitlement per product | product\_entitlement\_view | brokerId, productCode, accessLevel | broker:{brokerId} | Used in UI dropdowns |
| role-config-service | Roles, feature access per broker | role\_feature\_mapping | role, feature, brokerId | role:{roleId} | Mostly static config |
| broker-master-service | Broker master data (name, region, type) | broker\_master | brokerId, brokerName, region, type | broker:{brokerId} | Low cardinality, infrequent updates |