

APACHE CASSANDRA SYLLABUS

Hi Folks,

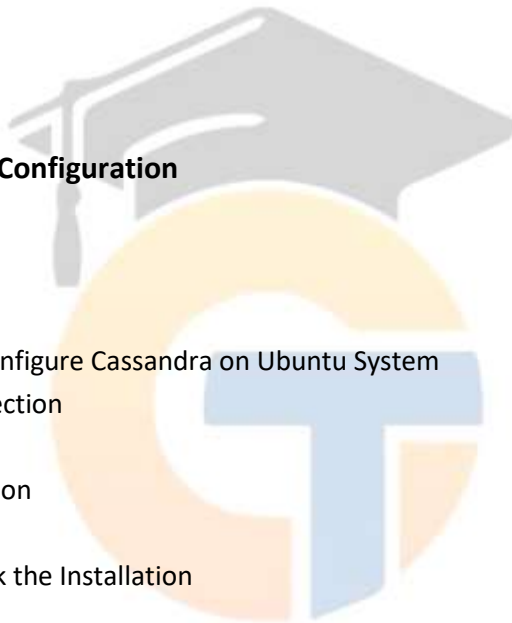
Oranium Tech introducing some amazing content on Apache Cassandra. Apache Cassandra is an open source NoSQL distributed database trusted by thousands of companies for scalability and high availability without compromising performance. Linear scalability and proven fault-tolerance on commodity hardware or cloud infrastructure make it the perfect platform for mission-critical data.

Introduction to Cassandra

Cassandra Architecture

Cassandra Installation and Configuration

- Course Map
- Objectives
- Cassandra Versions
- Steps to Install and Configure Cassandra on Ubuntu System
- Operating System Selection
- Machine Selection
- Preparing for Installation
- Setup Repository
- Install Cassandra
- Check the Installation
- Configuring Cassandra
- Configuration for a Single-Node Cluster
- Configuration for a Multi-Node and Multi-Datacenter Clusters
- Setup Property File
- Configuration for a Production Cluster
- Setup Gossiping Property File
- Starting Cassandra Services
- Connecting to Cassandra
- Installing on CentOS
- Demo-Installing and Configuring Cassandra on Ubuntu



Creation of Sample Application

- Database Design
- Sample Application RDBMS Design
- Sample Application Cassandra Design
- Application Code
- Creating Database
- Loading Schema
- Data Structures
- Setting Connections
- Population of database
- Application Features

Cassandra Data Model

- Advance Modelling
- Rules of Cassandra data modelling
- increasing data writes
- duplication
- reducing data reads
- modelling data around queries
- creating table for data queries

CQL

- Data Definition language(DDL) Statements
- Data Manipulation Language (DML)
- User permission
- Create and modify Users
- Capture CQL output to a file
- Import and export data
- CQL scripts from within CQL
- CQL Scripts from the command prompt

Looking for Classroom Training learn Apache Cassandra Course at your nearest location in Chennai

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ALL THE BEST

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