

Anaconda Enterprise Administration Training

At the conclusion of this course, you will have a deep understanding of how to configure and maintain Anaconda Enterprise. You will practice common configuration tasks, user tasks, and troubleshoot errors.

Training is provided in two four-hour sessions. The first session focuses on installation, maintenance, and troubleshooting of Anaconda Enterprise. The second session covers user management and connecting to data lake infrastructure.

This intensive hands-on course is limited to five attendees. Anaconda will provide access to Amazon AWS cloud instances, where you will login and perform a full implementation of Anaconda Enterprise. You'll connect to user federation and big data services, also provided and maintained by Anaconda.

Morning Session: Configuration

Anaconda Enterprise Architecture

Understand how Anaconda Enterprise leverages Cloud-Native development to enable one-click deployment of models, notebooks, and dashboards to production compute clusters. Details of hardware, software, and networking requirements will be provided.

Package and Environment Management

- Review configured package mirrors for Python and R. Understand how to create environments for Cloudera parcels and Hortonworks management packs.

Hands-on: Cluster Configuration

- Review adding and removing worker nodes. Configure resource profiles, and access to Hadoop clusters.

Hands-on: User Management

- Review connection to authentication systems (LDAP, AD, SAML, etc.). Configure groups and roles.

Afternoon Session: User Experience and Monitoring

Hands-on: Projects and Deployments

- Practice user tasks by creating new projects, installing packages, and running deployments. Review best practices for data access, including big data processing.

Hands-on: Monitoring and Trouble Shooting

- Learn how to monitor CPU and memory usage across the cluster and within a project. Connect to the logs to troubleshoot projects and deployments.