IBM Cloud CLI Quick Reference

Getting started in the CLI

Log in to IBM Cloud
ibmcloud login

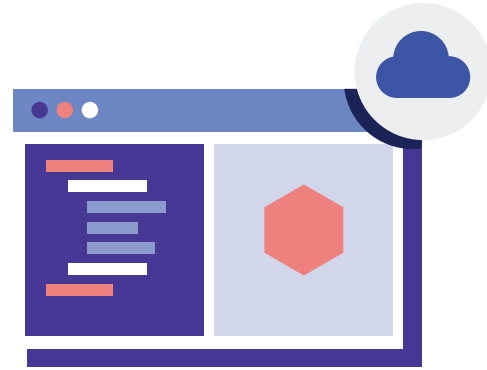**Target a Cloud Foundry org and space**
ibmcloud target --cf

Show command help
ibmcloud help COMMAND
ibmcloud help login

Finding and creating resources

Search the IBM Cloud catalog
ibmcloud catalog search QUERY
ibmcloud catalog search "kube"

View service details (description, plan, location)
ibmcloud catalog service NAME
ibmcloud catalog service containers-kubernetes

Create a resource
ibmcloud resource service-instance-create NAME
SERVICE_NAME PLAN_NAME LOCATION
ibmcloud resource service-instance-create
myKubeCluster containers-kubernetes lite us-south

Managing identity and access

Create an API key for authentication
ibmcloud iam api-key-create NAME -d DESCRIPTION
ibmcloud iam api-key-create MyKey-d "test key"

Assign access to a user by creating an access policy
ibmcloud iam user-policy-create USER_NAME
[OPTIONS]
ibmcloud iam user-policy-create
user@example.com --roles Editor

Create an access group to manage access
ibmcloud iam access-group-create NAME
ibmcloud iam access-group-create myAdminGroup

Organizing resources and services

Create a resource group to organize resources
ibmcloud resource group create GROUP_NAME
ibmcloud resource group create myRG

List service instances in a resource group
ibmcloud resource service-instances –g GROUP_NAME
ibmcloud resource service-instances –g myRG

Create an org to organize Cloud Foundry services
ibmcloud account org-create ORG_NAME
ibmcloud account org-create myCForg

Create a space to organize services in an org
ibmcloud account space-create SPACE_NAME
ibmcloud account space-create myCFspace

Add a tag to a resource
ibmcloud resource tag-attach --tag-names TAG
--resource-name NAME
ibmcloud resource tag-attach --tag-names
myTeamTag --resource-name myKubeCluster

List tags in your account
ibmcloud resource tags

Managing your account

Invite a user to your account
ibmcloud account user-invite USER_EMAIL
ibmcloud account user-invite user@example.com

List users in your account (*account owner only*)
ibmcloud account users

View usage costs in your account for a month
ibmcloud billing account-usage [-d YYYY-MM]
ibmcloud billing account-usage -d 2020-01

Extending the CLI with plug-ins

Expand the CLI's capabilities with specialized plug-ins to develop
and deploy apps, manage your clusters, and more.

List all available plug-ins
ibmcloud plugin repo-plugins

Install a plug-in
ibmcloud plugin install NAME
ibmcloud plugin install container-service

Get the full list of commands and options in the docs: **ibm.biz/cli-docs**
Questions, comments or feedback? Come chat with us in Slack in the #developer-tools channel: **ibm.biz/cli-feedback**