**Code Commit Connection Steps:**

HTTPS (GRC) is the protocol to use with git-remote-codecommit (GRC). This utility provides a simple method for pushing and pulling code from CodeCommit repositories by extending Git. It is the recommended method for supporting connections made with federated access, identity providers, and temporary credentials.

**Step 1: Prerequisites**

We recommend that you use the latest versions of Git and other prerequisite software. You can find information about minimum required versions of prerequisite software. [Prerequisite software](https://docs.aws.amazon.com/console/codecommit/connect-tc-alert-np)

1. You must install Python. To download and install the latest version of Python. [View the Python website](https://www.python.org/)
2. You must install and configure a Git client. [View Git downloads page](http://git-scm.com/downloads)
3. You must have permissions to the CodeCommit repository.
   * [Learn how to create and configure an IAM user for accessing AWS CodeCommit](https://docs.aws.amazon.com/console/codecommit/connect-cli-user)
   * [Learn how to configure connections for users with rotating credentials](https://docs.aws.amazon.com/console/codecommit/connect-temporary-np)
   * [Learn how to add team members to an AWS CodeStar Project](https://docs.aws.amazon.com/console/codecommit/connect-codestar-team-np)
4. You must install and configure the AWS CLI with a profile.
   * [IAM User](https://docs.aws.amazon.com/console/codecommit/connect-grc-cli-user)
   * [Assuming a role](https://docs.aws.amazon.com/console/codecommit/connect-grc-cli-role)
   * [Web identity federation](https://docs.aws.amazon.com/console/codecommit/connect-grc-cli-webOIDC)

**Step 2: Install git-remote-codecommit**

At a terminal or command line, run the following command to install git-remote-codecommit:

pip install git-remote-codecommit

**Step 3: Clone the repository**

Clone your repository to your local computer and start working on code. Run the following command:

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**Additional details**

You can find more detailed instructions in the documentation. [View documentation](https://docs.aws.amazon.com/console/codecommit/connect-grc)