Cloud1.live User Guide

Version 1.0.0

Welcome to Cloud1.live, the comprehensive Windows application designed for seamless management of AWS EC2 instances. This guide provides an in-depth walkthrough of how to install, configure, and effectively use Cloud1.live to optimize your cloud infrastructure. Whether it's monitoring AWS costs, managing instances, or executing critical actions, Cloud1.live streamlines these processes through its intuitive interface. Let's begin your journey toward efficient cloud management.

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Disclaimer

Cloud1.live provides tools to enhance the management of AWS EC2 instances; however, its performance and compatibility may depend on the configurations and permissions set within your AWS account. Cloud1.live is not liable for any unintended consequences resulting from the misuse of the application, configuration errors, or AWS system outages.

Support Availability: Our support team aims to respond to all inquiries within **Next Business Day (NBD)** time. For critical issues, please contact support@cloud1.live directly.

1. Installation

Downloading the Installer

Before installing Cloud1.live, ensure that your system meets these requirements:

- **Operating System**: Windows 10 or later (64-bit).

- **RAM**: At least 4 GB (8 GB recommended).

- **Disk Space**: Minimum of 200 MB free storage.

- **Internet Connection**: Required for license validation and updates.

To download Cloud1.live:

1. **Visit the Official Website**: Navigate to Cloud1.live's website and log in or create an account.

2. **Register for the Product**: Choose the version that best suits your needs and register.

3. **Download the Installer**: Check your email for a confirmation link to download the installer.

Note: If the confirmation email is missing, check your spam folder. If it's still unavailable, contact support at support@cloud1.live.

Running the Installer

To install Cloud1.live:

1. **Locate the Installer**: Find the Cloud1.live_Setup.exe file in your downloads folder.

2. **Start Installation**: Double-click the installer to begin.

3. **Follow the Wizard**: The setup wizard will guide you through steps like choosing the installation directory and creating shortcuts.

4. **Complete the Process**: Once installation finishes, launch Cloud1.live.

2. Registration and First-Time Login

First-Time Login in the App

1. **Launch Cloud1.live**: Open the app using the desktop shortcut or via the Start menu.

2. **Log In**: Use the email and password you registered with to access the application.

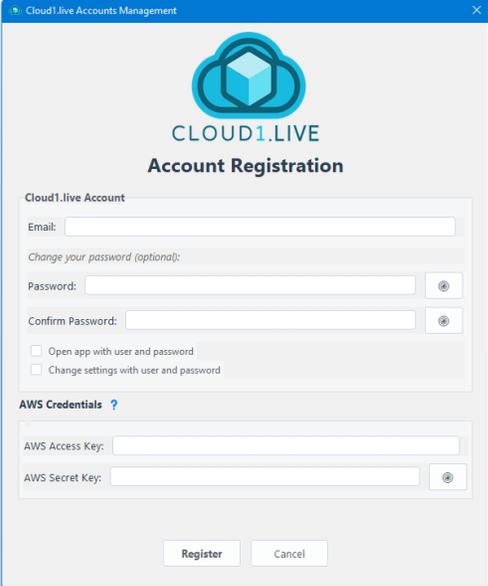**Note**: If you've forgotten your credentials, reset them on the website.

Configuring AWS Credentials During Registration

AWS credentials are essential for Cloud1.live to manage your EC2 instances:

1. Retrieve your **AWS Access Key** and **Secret Key** from the AWS Management Console.

2. Enter these credentials during the registration process or later in Account Settings. Refer to the example form below:

3. Click **Register** to validate your credentials. The app will check your license and encrypt these credentials locally.

Important Notes:

- An active internet connection is required for license validation.

- AWS credentials are securely encrypted and never stored online.

3. Obtaining AWS Credentials

To configure Cloud1.live, you need AWS credentials. Here's how to generate them:

1. **Log in to AWS Management Console**: Navigate to "IAM" under AWS services.

2. **Create a New User**: Assign programmatic access.

3. **Attach Policies**: Add permissions:

   o AmazonEC2FullAccess

   o AWSBillingReadOnlyAccess

   o CostOptimizationHubReadOnlyAccess

4. **Store Credentials Securely**: Save the Access Key and Secret Key in a secure location.
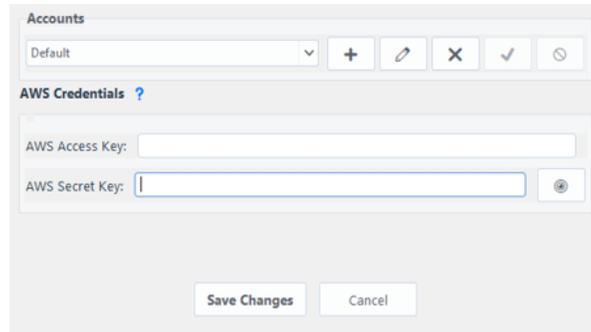
Tip: Create a unique IAM role for each account Cloud1.live manages. For multi-account management, upgrade to a Pro license. For more information use "**How to Set Up AWS IAM Account for AWS Key and Secret**" in cloud1.live KB .

4. Configuring AWS Credentials in Account Settings

Managing AWS Credentials

In Pro licenses, you can efficiently manage multiple AWS accounts using the account management window. Here's how you can utilize the AWS credential management features:

1. **Add Accounts**:

   o Click **Add Account** in the account management window.

   o Enter the new AWS Access Key and Secret Key, assign an account name, and save.

2. **Rename Accounts**:

   o Select the account you wish to rename from the dropdown menu.

   o Click the **Edit** button, update the account name, and save changes.

3. **Remove Accounts**:

   o Choose the account you wish to remove.

   o Click the **Remove** button and confirm the action.

   o Note: The default account cannot be removed.

4. **Switch Between Accounts**:

   o Use the dropdown menu at the top of the window to toggle between multiple accounts.

These features allow Pro users to handle multiple AWS accounts seamlessly while maintaining complete control over credentials.

1. **Access Account Settings**: Open **Accounts > AWS Credentials** from the main menu.

2. **Enter Credentials**:

    o **Standard and Trial Licenses**: Support one AWS account.

    o **Pro License**: Manage multiple AWS accounts with a dropdown for switching between credentials.

Reminder: The default account cannot be removed.

User Management

- Reset account details or change your password securely.

- Enable user-level access for better control over account management.

5. Dashboard Overview

The Cloud1.live dashboard offers a unified interface tailored to your license type. Below are the key features based on your subscription:
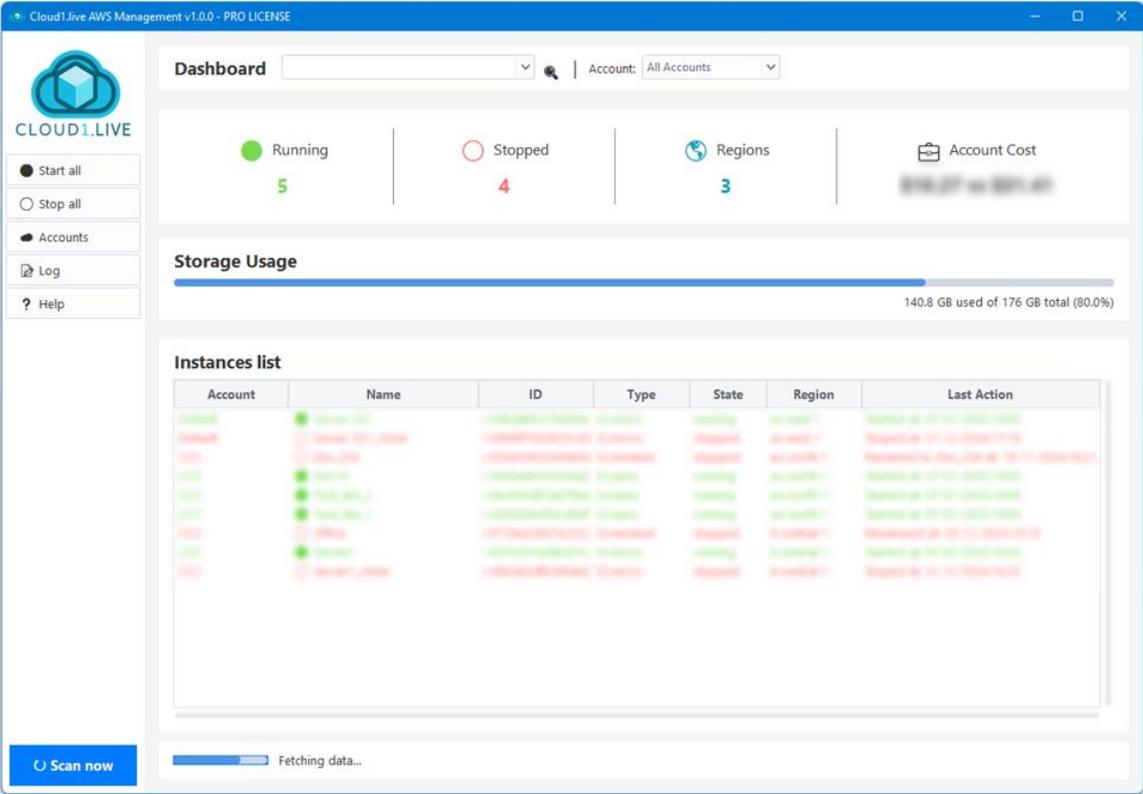
Standard and Trial Licenses

- **Instance Overview**: Displays details such as Instance ID, type, region, and state (running, stopped, or terminated).

- **Cost Tracking**: Compare current and previous months' expenses using AWS Cost Explorer.

- **Storage Insights**: Monitor storage capacity and usage percentages.

- **Search for Instances**: Locate instances by name using the search bar.

Pro License Features

In addition to the features above, Pro users have access to:

- **Account Name Column**: An additional column in the instance table showing the account name associated with each instance.

- **Account Filter**: A filter near the search bar, allowing users to view instances from a specific account. This feature simplifies navigation in environments with multiple accounts.

The Cloud1.live dashboard provides a unified view of your AWS environment. Key features include:

- **Instance Overview**: Displays details like Instance ID, type, region, and state.

- **Cost Tracking**: Compare current and previous months' expenses using AWS Cost Explorer.

- **Storage Insights**: Monitor storage capacity and usage percentages.

- **Search for Instances**: Locate instances by name using the search bar.

6. Managing EC2 Instances in Cloud1.live

Managing your EC2 instances is critical for cost optimization and operational efficiency. Cloud1.live simplifies this process with:

1. Starting Instances

- Locate an instance on the dashboard, right-click, and select **Start**.

- Batch actions allow starting multiple instances simultaneously.

2. Stopping Instances

- Right-click selected instances and choose **Stop**.

- Use batch actions for multiple instances.

3. Terminating Instances

- Select **Terminate** to delete an instance permanently.

- Confirm the action to prevent accidental deletion.

4. Cloning Instances

The cloning feature in Cloud1.live allows users to duplicate an existing EC2 instance with the same configuration. The clone is created in the same VPC and subnet as the source instance, retaining the same security groups and instance template. This functionality ensures that the new instance is an exact replica, making it ideal for scaling or testing purposes.

Key Details of Cloning:

1. **No Customization**: The cloned instance will have the same instance type, VPC, and other configurations as the source instance.

2. **Network Configuration**: The cloned instance is connected to the same network as the source, including the same security group settings.

3. **Process**:
    o Right-click on the instance you wish to clone.

    o Select **Clone** from the context menu.

    o The cloned instance will be created and visible in the dashboard once the process is complete.

4. **Isolation**: The cloned instance does not disconnect from the network or create an isolated environment. If isolation is required, it must be configured manually after cloning.
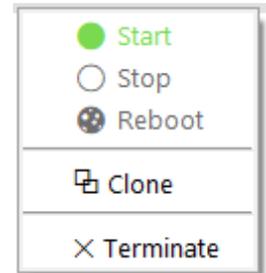
This streamlined process ensures quick duplication while maintaining the integrity of the source instance's environment.

- Right-click an instance and select **Clone** to duplicate its configuration.

- Customize clone settings like region or instance type.

5. Monitoring Instance States

- The dashboard refreshes every 10 seconds. Use **Scan now** for manual updates.

7. Advanced Features

Cost Management

Cloud1.live offers robust cost management features to track and optimize expenses:

- **Detailed Breakdown**: View costs by region and instance.

- **Forecasting**: Predict future spending based on usage trends.

Case Study: A software company reduced AWS costs by 30% using Cloud1.live's cost insights. Identifying underutilized resources saved $10,000 annually.

Licensing Features

- **License Heartbeat**: Ensures your license remains valid.

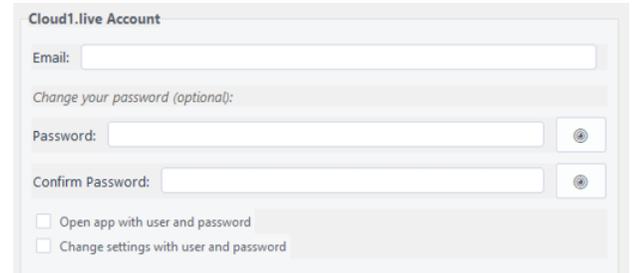- **Trial Features**: Displays remaining trial days and offers a "Buy Now" option.

8. Account Settings

The Account Settings section in Cloud1.live allows users to manage various aspects of their account, including security features and account preferences. Below are the key features and functionalities:

Password Management

1. **Change Password**:

   - Navigate to the Account Settings menu.

   - Enter your new password and confirm it.

   - Click **Save Changes** to update your password.

2. **Reset Account**:

   - If required, reset your account details via the reset option in Account Settings.

   - Follow the on-screen instructions to complete the reset process securely.

Password Protection for Application Access

- **Enable Password Protection**:

   - In Account Settings, activate the password protection checkbox to secure access to the application.

   - Once enabled, the application will prompt you to enter a password every time it is launched.

AWS Account Management

Cloud1.live allows you to manage AWS accounts efficiently, with features tailored to your license type. Below is an overview:

1. **Standard and Trial Licenses**:

   - Only one AWS account can be added and managed.

   - The account is configured during registration or in Account Settings.

   - Switching accounts requires replacing the existing credentials.

2. **Pro License**:

   - Supports multiple AWS accounts.

   - Accounts can be added, renamed, or removed through the account management window.

   - Features a dropdown menu for switching between accounts.

Key Differences:
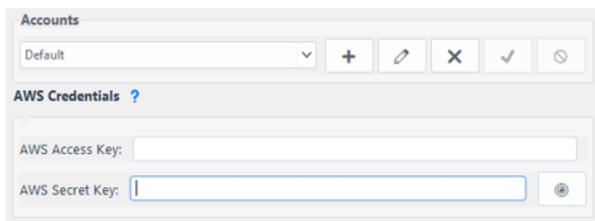
- **Standard/Trial Licenses**:
  - Limited to managing one account.
  - Simpler interface tailored to single-account operations.

- **Pro License**:
  - Includes an additional column in the dashboard showing the account name for each instance.
  - Features an account filter near the search bar, enabling users to focus on instances from a specific account.

These features provide flexibility for users based on their license type, ensuring tailored functionality for individual and multi-account management needs.

Password

- Update credentials via **Accounts > Password**.

Security Settings

- Use password protection to secure the application on shared devices.

9. Support and Troubleshooting

Common Issues

- **License Validation Errors**: Ensure internet connectivity and contact support if needed.

- **AWS Key Issues**: Update credentials if access is denied.

Knowledge Base

- Access guides and articles from the online Knowledge Base for troubleshooting.

Contact Support

- Use the support form on the website or email support@cloud1.live.

10. Frequently Asked Questions

1. **How do I upgrade my license?**

   o   Visit account settings on the website to upgrade or renew your license.

2. **What AWS permissions are required?**

   o   Full access to EC2, billing read-only access, and cost optimization permissions.