MICROSTRATEGY PLATFORM ON AWS MARKETPLACE

Quick start guide to use MicroStrategy on Amazon Web Services - Marketplace
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LAUNCHING MICROSTRATEGY IN AWS

MicroStrategy on Amazon Web Services (AWS) allows you to deploy the industry’s best Business Intelligence, Web, Mobile, and Security applications on-demand without having to host or maintain any resources onsite. With MicroStrategy’s low entry price point and AWS’s incredible scalability, anybody can start using MicroStrategy in less than 15 minutes. This document outlines how to launch the MicroStrategy Platform on AWS. This instance has the MicroStrategy Services (Intelligence Server, Web, and Mobile servers) already configured and ready to use. Additionally, we have included the Usher platform for users to secure their applications.

Setting up the AWS EC2 instance


2. Select the MicroStrategy Product. You can select the product based on the number of users you want to deploy (25 or 50 users)

3. Select the MicroStrategy Version. Currently, the latest product versions are 10.4.2 and 10.6. We introduced two new designations for product versions beginning with version 10.4 — “Platform release” and “Feature release”. If a version is designated as a Platform release, hotfixes will be made, but no new features or functionality will be added to this specific version. A release version that is not designated to be a Platform release will be designated as a “Feature release”. Feature releases will include new features and functionalities, and also include patches and hotfixes from the most recent Platform release.
4. Select the AWS Region. This is the AWS region where you want to deploy the MicroStrategy Enterprise platform. Click Continue. A screen with the following options is presented:
5. Select the Software Pricing. Select between Hourly or Annual Pricing. Annual Pricing provides a 10% discount for the total yearly price based on hourly usage.


7. Validate the AWS Region. Select the region that best suits your requirements.

8. Select EC2 Instance Type. Select the size of the host for the MicroStrategy platform. Based on the number of users, we recommend r4.large. This instance type can be changed after the product is deployed to provide additional memory and CPU to the server.

9. Select the VPC settings. If you do not know which VPC setting to select, please use the default settings. More information about VPC settings can be found at http://aws.amazon.com/vpc/.


11. Select your Key Pair. To connect to the deployed Windows server, users need a Key Pair. For more information about what an Amazon Key Pair is and how it can be obtained, see http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ec2-key-pairs.html.

Important: Be sure to save the Key Pair in a secure location because it is needed later to decrypt the Remote Desktop Password.

12. Launch the creation of your instance. Review your selections and “Click on the Accept the Software terms & Launch with 1-Click” button.
CONNECTING TO YOUR WINDOWS INSTANCE

Follow the instructions below to connect to your AWS EC2 instance hosting the MicroStrategy platform.

1. Navigate to the AWS Console. Connect to your AWS Management Console and go to the EC2 services section. Go to your running instances. Here you will see your new MicroStrategy Instance initializing.
   
   \textit{Note: The Initialization process generally takes between 10 to 15 minutes.}

2. Connect to your EC2 instance. Select your instance using the checkboxes to the left of the names and click the “Connect” button. A new window like the one below will appear.

   \begin{center}
   
   ![Connect To Your Instance]
   
   \end{center}

3. Get your Windows password. Click the “Get Password” button to upload the Key Pair previously selected during the instance creation. Upload the Key Pair (.pem file) and click “Decrypt Password”.

4. Connect to your Windows server. Click the Download Remote Desktop File button and open it, or save the information provided and create your own Remote Connection. When a Remote Desktop session has been initiated to your EC2 Windows server, you are prompted for the Administrator credentials decrypted in the previous step. Enter the Administrator credentials.
WELCOME TO THE MICROSTRATEGY PLATFORM

After a Remote Desktop session has been established to the Windows server, users can interact with the powerful MicroStrategy Enterprise Platform in AWS. In this new deployment, MicroStrategy has been completely configured to use the MicroStrategy Tutorial project. This technological effort allows users to start exploring the MicroStrategy capabilities immediately. In the next sections, we will review the main components of the MicroStrategy Platform and how to access them in the AWS Instance deployed.

Accessing MicroStrategy Developer

1. Open a Microsoft Windows search and look for “Developer”. You will be prompted to enter the initial Administrator credentials. The Administrator user default password is “blank”. Additionally, all services and resources have been created using a user named “mstr”. You can also login to MicroStrategy Desktop for the first time using that username. We suggest following the steps below to create stronger passwords for both users before continuing.

2. Login to Developer for the first time using the following:
   User: mstr
   Password: <Get the password from the file located on the Windows desktop>

3. You are prompted to change the password. Select YES and enter a strong password containing a combination of numbers, lower- and upper-case letters, and/or special character. Store this password in a secure location as you need it later for MicroStrategy Web.
4. After you update the password, you can create your project in MicroStrategy. For additional information about how to start, visit MicroStrategy Community.

Connecting to all Web-based Resources

1. Open the MicroStrategy AWS Landing page. To open your environment landing page, double-click the icon located on your desktop. A new window opens, as shown below:

![MicroStrategy Landing Page](image)

2. Landing page content. To easily access all MicroStrategy Platform resources, we have created a page with all the links to the following components:
   a. MicroStrategy Web
   b. MicroStrategy Web Administration
   c. MicroStrategy Mobile
   d. MicroStrategy Mobile Administration
   e. Download MicroStrategy Desktop
From this centralized location, you can reach all MicroStrategy applications and administration tools.

**Administering MicroStrategy Web**
Before working on the MicroStrategy Web interface, we recommend that you get familiar with MicroStrategy Web Administration. Use the following steps to access the MicroStrategy Web Administration.

1. Open the MicroStrategy Landing page by clicking the icon on your Windows desktop. Then click the MicroStrategy Web Administration link.

2. Login into the MicroStrategy Web Administrator page using the “mstr” user and the credentials provided on the Windows Desktop. Since this user is created in the Web Server, the credentials will remain the same. We suggest changing the credentials in the Web Server as well.

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**Connecting to MicroStrategy Web**
A benefit of MicroStrategy on AWS is that anyone with an Internet connection and the correct credentials can connect to MicroStrategy Web from anywhere in the world. Note that if the EC2 instance is stopped, your Web server will be stopped.

1. Connect to MicroStrategy Web locally. Click on the MicroStrategy Web link from your landing page to open a browser on your local Windows server. Login with the credentials created previously.
2. Connect to MicroStrategy Web externally. Get the Public DNS for your AWS EC2 instance directly from the Amazon Console. Tip: This information is also ready in the Remote Desktop connection created previously. The DNS should look like: http://ec2-XX-XX-XX.compute-1.amazonaws.com. The MicroStrategy Web Server is running on port 8080, so you should be able to connect using that port. A complete URL for MicroStrategy Web would look similar to the one below: http://ec2-XX-XX-XX.compute-1.amazonaws.com:8080/MicroStrategy/servlet/mstrWeb

Use the credentials created previously to login.

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**Administering MicroStrategy Mobile**

Before working on MicroStrategy Mobile applications, you should get familiar with the MicroStrategy Mobile Administration tools. Use the steps below to access the MicroStrategy Mobile Admin.

1. Open the MicroStrategy Landing page by clicking the icon on the desktop. Click the MicroStrategy Mobile Administration link

2. Login into the MicroStrategy Mobile Admin page using the “mstr” user and the credentials provided in your Windows desktop. Since this user is created in the Web Server, the credentials will remain the same. We suggest changing the credentials in the Web Server as well.
3. By default, MicroStrategy Mobile configurations have been created out-of-the-box, so you can immediately obtain a link to start accessing your Mobile Applications.

Now that the main components of the MicroStrategy Platform have been described and are accessible, visit MicroStrategy Community to get ideas, create projects, or test any MicroStrategy functionality available!