

Bitrix Virtual Appliance Amazon EC2Edition

Installation Instructions

Running the Bitrix Virtual Appliance Amazon EC2 Edition

Preparing to install the Bitrix Virtual Appliance

- Sign up / Log in to the Amazon Web Services web page.
- Choose the Bitrix Virtual Appliance AMI-image from the list of available Cloud Computing products.
- Choose one of the Amazon EC2, Amazon EBS, and/or Amazon S3 payment options.
- Follow the installation instructions provided on the Amazon EC2 download page.
- Use Amazon EC2 web service to configure security and network access. See also Fine Tuning Tips tab for more details.
- Mount the Bitrix Virtual Appliance *.ami image.
- Choose whether you want to restore an existing project or install a new copy of Bitrix24 software.
- Enjoy enhanced performance of Bitrix24 software in Amazon EC2!

Installing and using the Bitrix Virtual Appliance Amazon EC2 Edition

All information in Bitrix Virtual Appliance for Amazon EC2 is stored in the EBS disk (10GB). This significantly increases data storage security and allows the creating of a snapshot of the disk at any given moment to which a rollback can later be performed if necessary.

In instances for which a local storage is available, it can be accessed through /dev/sdb or /dev/sdc device connection. However, it's important to account for the fact that when the virtual machine is stopped, the data there will be lost, so it should be used only for information which is not critical.

If the given amount of space is not adequate, you can connect an additional EBS disk of the size you need.

List of actual amis by region can be found here.

To launch «Bitrix Virtual Appliance EC2 Edition» click "Launch Instance". In the window that opens, open the "Community AMIs" tab and indicate the ami of the appropriate region in the filter.

| Request | Instan | ces Wizard | | | | Cance |
|-------------------------------|---------------------|------------------------------------|---|--------------------|---------------|-------------------------|
| Choose a | AMI I | NSTANCE DETAILS Machine Image (| CREATE KEY PAIR (AMI) from one of the ta | CONFIGURE FIREWALL | REVIEW | |
| | | | | | | |
| Quick S Viewing: | tart M All Image | y AMIs Com | munity AMIs | | K | 1 to 1 of 1 Items 🔉 🔌 |
| Quick S Viewing: AMI ID | All Image | AMIS Com S V Root Device | munity AMIs ami-99579ef0 Manifest | | ≮ Platform | < 1 to 1 of 1 Items 📏 🔌 |

In the next step, choose the type of instance to launch. More detailed information about types of instances can be found <u>here</u>.

| lequest insta | nces wizard | | | | | | Canto |
|---|---|-------------------|------------------|-----------------|------------------|---------------|---------------|
| Y | 0 | | | | | | |
| HOOSE AN AMI | INSTANCE DETAILS | CREATE KEY PAIR | CONFIGURE | FIREWALL | REVIEW | | |
| Provide the detai instances. Number of Inst | Is for your instance(s) | . You may also de | cide whether y | ou want to laun | ch your instance | s as "on-dema | nd" or "spot" |
| | Туре | | MICIO (LT.IIICIO | CPU Units | CPU Cores | Memory | İ |
| Launch In | Micro (t1.micro) | | | Up to 2 ECUs | 1 Core | 613 MB | |
| EC2 Instances commonly larg | Large (m1.large) | | | 4 ECUs | 2 Cores | 7.5 GB | rms what are |
| Launch into: | Extra Large (m1.xlar | rge) | | 8 ECUs | 4 Cores | 15 GB | |
| | High-Memory Extra | Large (m2.xlarge) | | 6.5 ECUs | 2 Cores | 17.1 GB | |
| | High-Memory Double Extra Large (m2.2xlarge) | | | 13 ECUs | 4 Cores | 34.2 GB | |
| Request S | High-Memory Quadr | uple Extra Large | (m2.4xlarge) | 26 ECUs | 8 Cores | 68.4 GB | |
| | | | | | | | |

Choose a key that has already been created or create a new one and download it; it will be needed in later for connection to the instance.

| Request Inst | tances Wizard | | | Cancel |
|--|--|---|---|--|
| ~ | ¥ | 0 | | |
| CHOOSE AN AMI | INSTANCE DETAILS | CREATE KEY PAIR | CONFIGURE FIREWALL | REVIEW |
| Public/private k Create & Dow generate a key | key pairs allow you to se vnload your Key Pair . pair once - not each tir | curely connect to y You will then be pri ne you want to dep | our Instance after it launc ompted to save the privat loy an Amazon EC2 instan | thes. To create a key pair, enter a name and click e key to your computer. Note, you only need to nce. |
| Choose f | rom your existing | Key Pairs | | |
| • Create a | new Key Pair | | | |
| 1. Enter a na | ame for your key pair | :* | (e.g., jdoekey | 0 |
| 2. Click to cr | reate your key pair:* | Sector Create | & Download your Key P | Pair |
| | | Save this f remember launch other ir the Key Pairs existing ones. | ile in a place you will . You can use this key pair istances in the future or vis page to create or manage | to sit |

Configure the «Security Group» to allow external access to the instance.

| HOOSE AN AMI | INSTANCE DETAILS | CREATE KEY PAIR | CONFIGURE FIREWALL | REVIEW | |
|--|--|---|--|---|--|
| Security groups can help you cre update your sec | determine whether a ate a new security g urity group anytime | a network port is open roup to allow access to using the Security Gro | or blocked on your instances your instances using the su ups page. | . You may use an existing ggested ports below. Add | security group, or we additional ports now or |
| Choose or | ne or more of yo | our existing Secu | rity Groups | | |
| Oreate a n | ew Security Gro | pup | | | |
| Inhound Bulk | | | | | |
| Inbound Rule | 15 | | | | |
| Create a | Custom TCP rule | | TCP | | |
| new rule: | | | Port (Service) | Source | Action |
| Port range: | (e.c. 80.or 49152-6 | (6535) | 80 (HTTP) | 0.0.0/0 | Delete |
| _ | (e.g., 60 01 49152-0 | | 443 (HTTPS) | 0.0.0/0 | Delete |
| Source: | 0.0.0.0/0 | 4 47-4497 | 22 (SSH) | 0.0.0/0 | Delete |
| | 1234567890/default | 4, sg-47804828, or) | 25 (SMTP) | 0.0.0/0 | Delete |
| | | 💠 Add Ru | le 5222 | 0.0.0/0 | Delete |
| | | | 5223 | 0.0.0.0/0 | Delete |
| | | | | 0.01010/0 | |
| | | | | | - |
| | | | | | 0 |
| | | | | | |

After the instance is launched, you can connect to it. Detailed instructions for connection are available in the context menu.

| My I | (nstances .aunch Instan ing: All Ins | s Ice Instance Act Itances | tions 👻 All Instance | ce Type: | s V Se | arch | | |
|------|--|----------------------------------|-------------------------|----------|--|---|--------------|-------------|
| | Name 🖗 | Instance | AMI ID | Roo | ot Device | Туре | Status | Security Gr |
| | empty | 🥃 i- | ami- | ebs | t1.micro | 🥚 termina | atec default | bitri |
| | empty | | ami-99579ef0 | ebs | L1 micro Instance Conne Get Sy Create Add/Eo Chang | Managemen ct stem Log Image (EBS dit Tags e Security G | AMI) | bitri: |