


# Complete the onboarding process and install the Armor Anywhere agent (Linux)

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 This topic only applies to **Armor Anywhere** users.

## For invited users:


Before your account was created, your account administrator decided the proper roles and permissions for your account.

Consult with your account administrator to understand what permissions you have and how you should configure your account.

You can use this document to complete the account signup process and review high-level action items to complete.

 Before you begin, Armor recommends that you pre-installation information, including firewall rules.

To learn more, see [Requirements for Armor Anywhere](#).

 Before you install the Armor Anywhere agent, you must remove any previously installed anti-virus software, such as Trend Micro, McAfee, etc. Afterwards, you must reboot your system.

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## Step 4: Locate the Armor Anywhere agent

1. In the Armor Management Portal (AMP), in the left-side navigation, click **Infrastructure**.
2. Click **Virtual Machines**.
3. Click **Deploy New Armor Agent** or click the plus (+) icon.
4. Copy your license key. You will need this information in a later step.
5. Select your operating system (**Windows** or **Linux**).



For Amazon Web Services users who:

- Use **Elastic Beanstalk** to run their instance's applications,
- Run **Amazon Linux 2015.03, 2015.09, 2016.03, 2016.09, 2017.03, or 2017.09.**

Review the following example to understand how to install the Anywhere agent. Afterwards, you can skip to the **Test your connection** step.

```
commands:
  01_install_agent:
    test: if [ $(rpm -q armor-agent | head -c11) == 'armor-agent' ]; then exit 1; else exit 0; fi
    command: |
      yum install -y https://get.core.armor.com/latest/armor-agent.rpm
      /opt/armor/armor register --license=AAAA1-A11AA-AA1AA-AAAAA-1AAA
```



You must replace **AAAA1-A11AA-AA1AA-AAAAA-1AAA** with your specific license key.



For Amazon Web Services users who:

- Use a **set hostname**,
- Use **Elastic Beanstalk** to run their instance's applications, and
- Run **Amazon Linux 2015.03, 2015.09, 2016.03, 2016.09, 2017.03, or 2017.09.**

Review the following example to understand how to install the Anywhere agent. Afterwards, you can skip to the **Test your connection** step.

```
commands:
  01_install_agent:
    test: if [ $(rpm -q armor-agent | head -c11) == 'armor-agent' ]; then exit 1; else exit 0; fi
    command: |
      echo "<host_name>$(date +%Y%m%d%H%M%S)" > /proc/sys/kernel/hostname
      sed -i "s/HOSTNAME=.*HOSTNAME=$(cat /proc/sys/kernel/hostname)/g" /etc/sysconfig/network
      yum install -y https://get.core.armor.com/latest/armor-agent.rpm
      /opt/armor/armor register --license=AAAA1-A11AA-AA1AA-AAAAA-1AAA
```



You must replace:

- **AAAA1-A11AA-AA1AA-AAAAA-1AAA** with your specific license key
- **HOSTNAME** and **hostname** with your specific hostname.

## Step 5: Download and install the Armor Anywhere agent

There are three types of scripts that you can use to install the agent:

Script type	Description
Pre-installation	<p>You can use these scripts to verify that your environment is compatible with Armor Anywhere. These scripts will not install the agent.</p> <pre>sudo curl -sSL https://get.core.armor.com/latest/armor_agent.sh   bash /dev/stdin</pre>

Pre-installation and installation	<p>You can use these scripts to:</p> <ul style="list-style-type: none"><li>• Verify that your environment is compatible with Armor Anywhere</li><li>• Install the agent</li></ul> <pre>sudo curl -sSL https://get.core.armor.com/latest/armor_agent.sh   bash /dev/stdin -l AAAA1-A11AA-AA1AA-AAAAA-1AAA</pre>
Installation	<p>You can use these scripts to install the agent. These scripts will not verify your environment for compatibility.</p> <pre>sudo curl -sSL https://get.core.armor.com/latest/armor_agent.sh   bash /dev/stdin -l AAAA1-A11AA-AA1AA-AAAAA-1AAA -s</pre>



In the above scripts, replace **AAAA1-A11AA-AA1AA-AAAAA-1AAA** with your specific license key.

## Step 6: Test your connection

After you install the agent, Armor recommends that you test the connection for each configured firewall rule.

To verify connectivity to an Armor service endpoint, use the telnet command.



The following example tests connectivity to [api.armor.com](https://api.armor.com) over 443/tcp: Troubleshooting:

```
telnet 146.88.106.210 443
```

For Windows systems without the telnet feature installed, you can also use PowerShell:

```
new-object System.Net.Sockets.TcpClient('146.88.106.210', 443)
```

## Step 7: Review the status of the Armor Anywhere agent

1. In the Armor Management Portal (AMP), in the left-side navigation, click **Infrastructure**.
2. Click **Virtual Machines**.
3. Review the corresponding **Status** column. The **Status** column contains a green or red status to indicate if the server's agent has registered a heartbeat to Armor.
  - A green status indicates the server's agent has registered a heartbeat in the past hour.
  - A red status indicates the server's agent has not registered a heartbeat in the past hour.
    - After four hours without a registered heartbeat, the API will close all service endpoints (firewall ports).


## Step 8: Configure your notification preferences

Armor recommends that you configure your account to receive notifications for **Account**, **Billing**, and **Technical** events.



These notification preferences do not relate to support tickets.

To update your notification preferences for support tickets, see [Support Tickets](#).

Account	<p>You will receive a notification when:</p> <ul style="list-style-type: none"> <li>• A password expires in 14 days.</li> <li>• A password expires in 7 days.</li> <li>• A password expires in 24 hours.</li> <li>• A password has expired.</li> </ul>
Billing	<p>You will receive a notification when:</p> <ul style="list-style-type: none"> <li>• An invoice has posted.</li> <li>• An invoice is past due (2, 10, 15, 25, and 30 days).</li> <li>• A payment method will soon expire (1, 15, and 30 days).</li> </ul> <div data-bbox="217 457 1484 730" style="border: 1px solid #f9e79f; padding: 10px; margin-top: 10px;"> <p> You can configure a user to become the primary billing contact for an account. This user will receive billing notifications. Additionally, this user will be listed in the <b>Bill to</b> field in an invoice.</p> <ol style="list-style-type: none"> <li>1. In the Armor Management Portal (AMP), in the left-side navigation, click <b>Account</b>.</li> <li>2. Click <b>Users</b>.</li> <li>3. Locate and hover over the desired user.</li> <li>4. Click the vertical ellipses.</li> <li>5. Select <b>Set as Primary Billing Contact</b>.</li> <li>6. Click <b>OK</b>.</li> </ol> </div>
Technical	<p>You will receive a notification when:</p> <ul style="list-style-type: none"> <li>• A virtual machine will be deleted or downgraded.</li> <li>• CPU, disk, and memory utilization is at more than 90% for 5 minutes.</li> <li>• Ping, SSH (Linux), or RDP (Windows) fails for 5 minutes.</li> </ul>



You can only change the notification preferences for your own account. You cannot change the notification preferences for other user accounts.

1. In the Armor Management Portal (AMP), in the top, right corner, click the vertical ellipses.
2. Click **Settings**.
3. Click **Notification Preferences**.
4. Use the slider to make your desired changes.
  - Select **Alert** to receive notifications in the top bar in the Armor Management Portal (AMP).
  - Select **Email** to receive notifications through email.
  - You can select both notification options.
5. Click **Update Notification Preference** to save your changes.